| RP#1 RP#2 * RP#3 ** RP#4 RP#5 RP#6 Start of Line Bearing Just north of N | OWKK2-1 Army Corps benchmark west wall Landward path on 8" wall Nail in swd path (online) Seaward path on 8" wall Army Corps benchmark, S end of wall Chip on wall by RP5 | 8/18/1994 RP1 RP2 RP3 RP4 RP5 RP6 BRP 240° | 1/25/1995 RP1 RP2 RP3 RP4 - - BRP | 9/11/1995 RP1 RP2 RP3 - RP5 - - | 8/21/1996 SRP BRP - - - - | 3/9/1997 SRP BRP - FRP - - | 8/5/1997 SRP BRP - FRP - - | 12/30/1997 SRP BRP - FRP - - | | |
|--|---|---|--|---|--|---|---|--|--|--|
| RP#1 RP#2 * RP#3 ** RP#4 RP#5 RP#6 Start of Line Bearing Just north of N | Army Corps benchmark west wall Landward path on 8" wall Nail in swd path (online) Seaward path on 8" wall Army Corps benchmark, S end of wall Chip on wall by RP5 | RP1 RP2 RP3 RP4 RP5 RP6 BRP 240° | RP1 RP2 RP3 RP4 - - BRP | RP1 RP2 RP3 - RP5 - | SRP BRP FRP - - - | SRP BRP - FRP - - | SRP BRP - FRP - - | SRP BRP - FRP - - | | |
| RP#2 * RP#3 ** RP#4 RP#5 RP#6 Start of Line Bearing Just north of N | Landward path on 8" wall Nail in swd path (online) Seaward path on 8" wall Army Corps benchmark, S end of wall Chip on wall by RP5 | RP2 RP3 RP4 RP5 RP6 BRP 240° | RP2 RP3 - - BRP | RP2 RP3 - RP5 - | BRP FRP - - - | BRP - FRP - - | BRP - FRP - - | BRP - FRP - | | |
| RP#3 ** RP#4 RP#5 RP#6 Start of Line Bearing Just north of N | Nail in swd path (online) Seaward path on 8" wall Army Corps benchmark, S end of wall Chip on wall by RP5 | RP3 RP4 RP5 RP6 BRP 240° | RP3 RP4 - - BRP | RP3 - RP5 - | FRP - - - | - FRP - - | - FRP - - | - FRP - | | |
| RP#4 RP#5 RP#6 Start of Line Bearing Just north of N | Seaward path on 8" wall Army Corps benchmark, S end of wall Chip on wall by RP5 | RP4 RP5 RP6 BRP 240° | RP4 - - BRP | - RP5 - | | FRP - - | FRP - - | FRP - | | |
| RP#5 RP#6 Start of Line Bearing Just north of N | Army Corps benchmark, S end of wall Chip on wall by RP5 | RP5 RP6 BRP 240° | - - BRP | RP5 - | - | - | - | - | | |
| RP#6 Start of Line Bearing Just north of N | Chip on wall by RP5 | RP6 BRP 240° | - BRP | - | - | - | - | - | | |
| Start of Line Bearing Just north of N | latatarium alang boardwalk babind Aguariu | BRP 240° | BRP | חחח | | | | | | |
| Start of Line Bearing Just north of N | latatorium along boardwalk babind Aguariu | BRP 240° | BRP | חחח | | | | | | |
| Bearing Just north of N | latatorium alang boardwalk babind Aguari | 240° | | DRP | Indwd.path | Indwd.path | Indwd.path | BRP | | |
| Just north of N | latatorium along boardwalk babing Aquariu | | - | 240° | - | 240° | - | - | | |
| Just north of N | latatarium alang boardwalk babind Aquariu | * = new PK nail or other marker | | | | | | | | |
| | LOCATION: Just north of Natatorium along boardwalk behind Aquarium in Kapiolani Park. Park by San Souci beach | | | | | | | | | |
| -UP: E wall of the white aquarium building where the building meets the fence, and follows a bearing of 060° | | | | | | | | | | |
| P#1 Army Corps BM (1948) north end of aquarium building, in center of low concrete block attached to building. | | | | | | | | | | |
| P#2 Chip, 5cm from edge, in heart-shaped white spot on top of low (20cm) concrete wall below fence, where fence meets building | | | | | | | | | | |
| P#3 Hard to find nail inline at base of seaward rockwall along boardwalk. | | | | | | | | | | |
| P#4 Divot on top, Indwd side of rock seawall on swd side of boardwalk. Directly E of divot is broken up stone repaired with concrete. | | | | | | | | | | |
| 45 Army Corps BM at south end of low rockwall fronting water on platform at top of steps. Use stadia rod. | | | | | | | | | | |
| 6 Chip on top south end of wall before stairs just west of Natatorium, near ACOE BM (RP5) | | | | | | | | | | |
| 2S1 WKK1 (aka WK2A?) = RP5; ACE Benchmark | | | | | | | | | | |
| S2 WKK2 (aka WK2B?) = RP3; PK online | | | | | | | | | | |
| | | | | | | | | | | |
| .8/96 GPS Survey. WKK1, WKK2 | | | | | | | | | | |
| 1/1998 Surveying terminated January 1998. | | | | | | | | | | |
| | | | | | | | | | | |
| GPS Position | s (Adjusted) | | | | | | | | | |
| | Longitude | Latitude | Elevation (meters | s above local tida | l datum) | | | | | |
| NKK1 | -157.82225 | 21.266001 | -1.931 | | | | | | | |
| NKK2 | -157.82222 | 21.265717 | -0.240 | | | | | | | |
| Note: Large (<2m) difference between EDM and GPS surveyed points. Something wacky with the GPS adjustment. * Primary GPS for elevation control; RP3/FRP/WKK2 = -0.24 ** Primary reference point: RP2/BRP = -0.077 | | | | | | | | | | |
| | wall of the w rmy Corps B hip, 5cm fror ard to find na ivot on top, I hip on top sc /KK1 (aka W /KK2 (aka W /KK2 (aka W /FS Survey. ' urveying terr iPS Positions /KK1 /KK2 ote: Large (Primary GPS | ust north of Natatorium along boardwalk behind Aquariu wall of the white aquarium building where the building rmy Corps BM (1948) north end of aquarium building, in hip, 5cm from edge, in heart-shaped white spot on top ard to find nail inline at base of seaward rockwall along ivot on top, Indwd side of rock seawall on swd side of b rmy Corps BM at south end of low rockwall fronting wal hip on top south end of wall before stairs just west of N /KK1 (aka WK2A?) = RP5; ACE Benchmark /KK2 (aka WK2B?) = RP3; PK online PS Survey. WKK1, WKK2 urveying terminated January 1998. PS Positions (Adjusted) /KK1 -157.82225 /KK2 -157.82222 ote: Large (<2m) difference between EDM and GPS su Primary GPS for elevation control; RP3/FRP/WKK2 = - | earing 240° * = new PK nail of ust north of Natatorium along boardwalk behind Aquarium in Kapiolani Pa wall of the white aquarium building where the building meets the fence, a rmy Corps BM (1948) north end of aquarium building, in center of low conhip, 5cm from edge, in heart-shaped white spot on top of low (20cm) contard to find nail inline at base of seaward rockwall along boardwalk. ivot on top, Indwd side of rock seawall on swd side of boardwalk. Directl rmy Corps BM at south end of low rockwall fronting water on platform at thip on top south end of wall before stairs just west of Natatorium, near A/KK1 (aka WK2A?) = RP5; ACE Benchmark /KK1 (aka WK2B?) = RP3; PK online Image: Comparison of the comparis | earing 240° - * = new PK nail or other marker ust north of Natatorium along boardwalk behind Aquarium in Kapiolani Park. Park by San S wall of the white aquarium building where the building meets the fence, and follows a bea rmy Corps BM (1948) north end of aquarium building, in center of low concrete block attack hip, 5cm from edge, in heart-shaped white spot on top of low (20cm) concrete wall below if ard to find nail inline at base of seaward rockwall along boardwalk. ivot on top, Indwd side of rock seawall on swd side of boardwalk. ivot on top, south end of low rockwall fronting water on platform at top of steps. use hip on top south end of wall before stairs just west of Natatorium, near ACOE BM (RP5) /KK1 (aka WK2A?) = RP5; ACE Benchmark /KK2 (aka WK2B?) = RP3; PK online PS Survey. WKK1, WKK2 urveying terminated January 1998. urveying terminated January 1998. /KK1 -157.82225 /L266001 -1.931 /KK2 -157.82222 21.266717 -0.240 ote: Large (<2m) difference between EDM and GPS surveyed points. Something wacky v | earing 240° - 240° * = new PK nail or other marker ust north of Natatorium along boardwalk behind Aquarium in Kapiolani Park. Park by San Souci beach wall of the white aquarium building where the building meets the fence, and follows a bearing of 060° rmy Corps BM (1948) north end of aquarium building, in center of low concrete block attached to building. hip, 5cm from edge, in heart-shaped white spot on top of low (20cm) concrete wall below fence, where fence ard to find nail inline at base of seaward rockwall along boardwalk. ivot on top, Indwd side of rock seawall on swd side of boardwalk. ivot on top, Indwd side of rock seawall on swd side of boardwalk. hip on top south end of all before stairs just west of Natatorium, near ACOE BM (RP5) //KK1 (aka WK2A?) = RP5; ACE Benchmark //KK2 (aka WK2B?) = RP3; PK online PS Survey. WKK1, WKK2 urveying terminated January 1998. //FK1 -157.82225 21.266001 -1.931 //KK1 -157.82222 21.265717 -0.240 ote: Large (<2m) difference between EDM and GPS surveyed points. Something wacky with the GPS adju | earing 240° - 240° - * = new PK nail or other marker ust north of Natatorium along boardwalk behind Aquarium in Kapiolani Park. Park by San Souci beach wall of the white aquarium building where the building meets the fence, and follows a bearing of 060° rmy Corps BM (1948) north end of aquarium building, in center of low concrete block attached to building. hip, 5cm from edge, in heart-shaped white spot on top of Iow (20cm) concrete wall below fence, where fence meets building ard to find nail inline at base of seaward rockwall along boardwalk. ivot on top, Indwd side of rock seawall on swd side of boardwalk. ivot on top, Indwd side of rock seawall on swd side of boardwalk. ivot on top, SBM at south end of low rockwall fronting water on platform at top of steps. Use stadia rod. hip on top south end of wall before stairs just west of Natatorium, near ACOE BM (RP5) //KK1 (aka WK2A?) = RP5; ACE Benchmark //KK2 (aka WK2B?) = RP3; PK online PS Survey. WKK1, WKK2 urveying terminated January 1998. iPS Positions (Adjusted) Longitude Latitude Elevation (meters above local tidal datum) //KK2 -157.82225 21.266001 -1.931 //KK2 -157.82222 21.265717 -0.240 ote: Large (<2m) difference between EDM and GPS surveyed point | earing 240° - 240° - 240° * = new PK nail or other marker * * = 240° - 240° </td <td>earing 240° -</td> | earing 240° - | | |