

TRIGONOMETRICAL STATION SUMMARY

STATION NO. : 540 (FORMER NO. : _____)

CLASS : _____

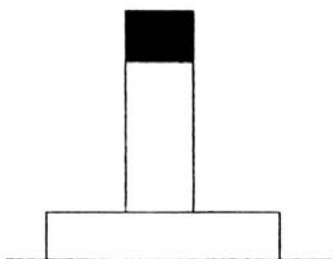
TRIG. NAME : PAK SHA TAU

LOCALITY : PLOVER COVE, TAI PO


| | |
|-------------------------|---|
| HK 80 DATUM | <p>HK 1980 GRID COORDINATES : N = <u>835 205.534</u> m , E = <u>844 063.210</u> m , Ht = <u>105.75</u> m (1)</p> <p style="font-size: small;">Note (1) : Height is above the HKPD and measured to the top of mark.</p> <p>LEVEL ACCURACY : _____</p> <p>SCALE FACTOR : + <u>0.7</u> ppm to measured distance to give Grid Distance</p> <p>GRID CONVERGENCE : <u>+01' 38.5"</u> to Grid Bearings to give Azimuth</p> |
| WGS 84 DATUM | <p>GEOGRAPHICAL COORDINATES : Lat <u>22° 27' 22.67582"</u>N, Long <u>114° 15' 9.39054"</u>E, Ht=<u>103.055</u> m (2)</p> <p style="font-size: small;">Note (2) : Height is above the WGS 84 Ellipsoid and measured to the top of mark.</p> <p>GPS ACCURACY : _____</p> <p>REFERENCE FRAME : ITRF96</p> <p>UTM GRID COORDINATES : <u>2 485 925</u> mN <u>217 251</u> mE</p> <p>UTM GRID REFERENCE : <u>50Q KK 173 859</u></p> |

STATION DIAGRAM

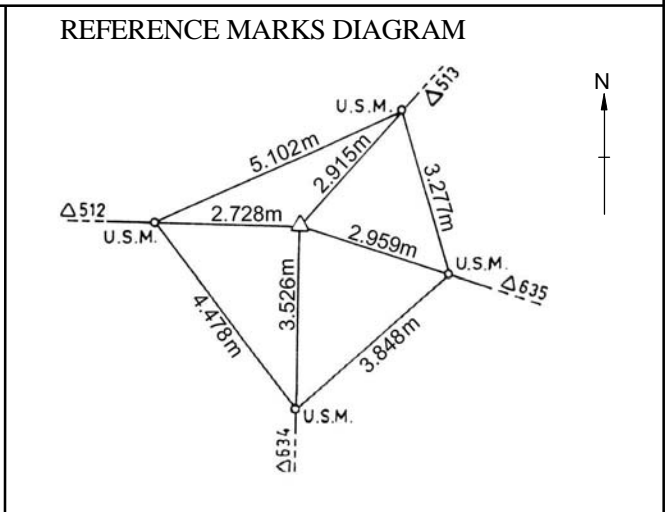
Date of Construction : 12/01/1996 Type of Mark : Beacon



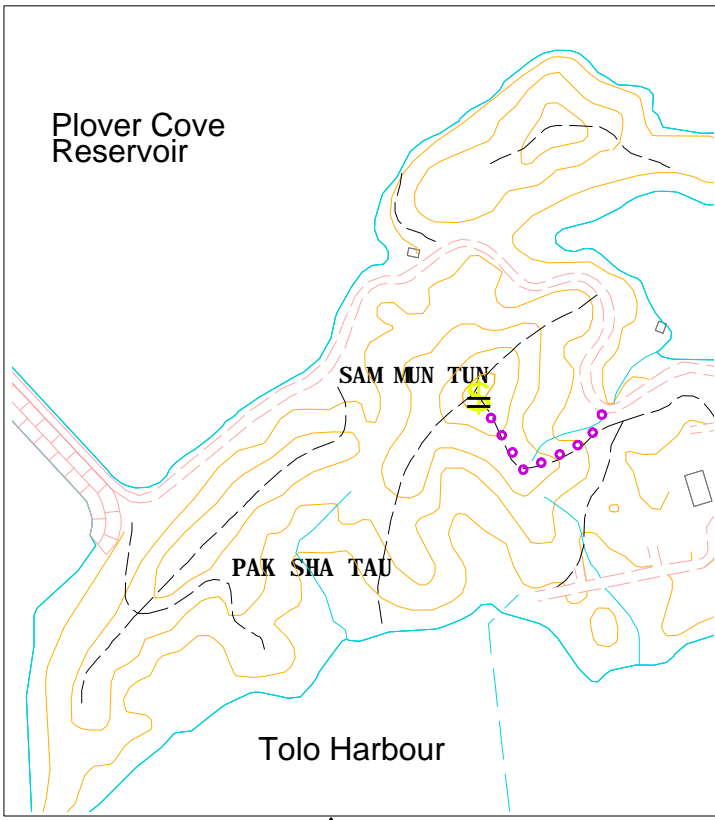
Side view



Plan view



LOCATION MAP



Scale : 1:10000 Legend : = Station = Access Route

GRID BEARINGS TO ADJACENT TRIGS.

| | |
|-----|--------------|
| 513 | 40° 13' 34" |
| 514 | 88° 23' 40" |
| 635 | 108° 01' 28" |
| 633 | 148° 33' 03" |

LAST MAINTENANCE RECORD :

Last visit on : 12/03/2002

REMARKS :

- 1) Ring-headed screws were installed in 2/96.
- 2) Witness marks were installed in 1/97.
- 3) The HK 1980 grid coordinates of this station are transformed from GPS surveyed geodetic coordinates.