

TRIGONOMETRICAL STATION SUMMARY

STATION NO. : 435 (FORMER NO. : _____)

ACCURACY CLASS : _____

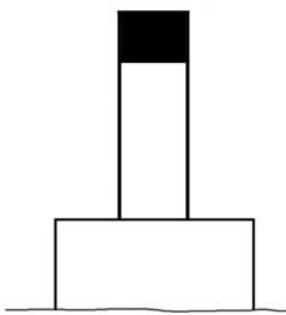
TRIG. NAME : PAK WAN TENG

LOCALITY : MA WAN

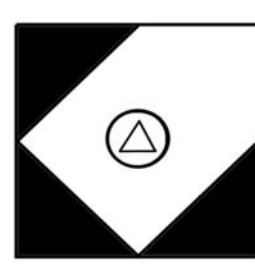
| | |
|-------------------------|---|
| <p>HK 80 DATUM</p> | <p>HK 1980 GRID COORDINATES : N = <u>823 902.751</u> m , E = <u>824 123.024</u> m , Ht = <u>51.0</u> m (1) <i>Note (1) : Height is above the HKPD and measured to the top of mark.</i></p> <p>LEVEL ACCURACY : _____ SCALE FACTOR : + <u>2.0</u> ppm to measured distance to give Grid Distance GRID CONVERGENCE : <u>-2' 47.1"</u> to Grid Bearings to give Azimuth</p> |
| <p>WGS 84 DATUM</p> | <p>GEOGRAPHICAL COORDINATES : Lat <u>22° 21'15.13424"</u> N, Long <u>114° 3'32.27905"</u> E, Ht = <u>47.600</u> m (2) <i>Note (2) : Height is above the WGS 84 Ellipsoid and measured to the top of mark.</i></p> <p>GPS ACCURACY : _____ REFERENCE FRAME : ITRF96 UTM GRID COORDINATES : <u>2 474 992</u> mN <u>197 088</u> mE UTM GRID REFERENCE : <u>50Q JK 971 750</u></p> |

STATION DIAGRAM

Date of Construction : 01/11/2001 Type of Mark : Beacon

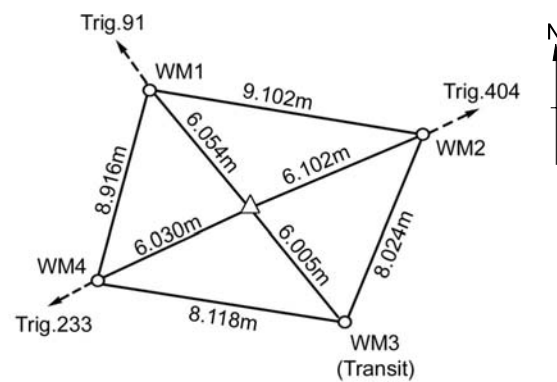


Side view



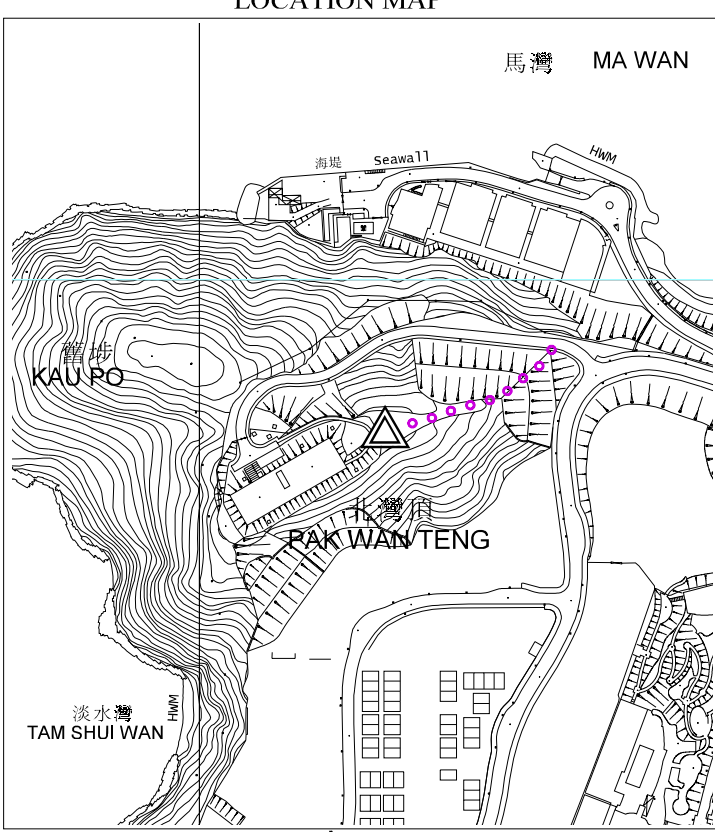
Plan view

REFERENCE MARKS DIAGRAM



**All Witness Marks were
USM on concrete**

LOCATION MAP



Scale : 1:5000 Legend : = Station = Access Route

| GRID BEARINGS TO ADJACENT TRIGS. | |
|--|--------------|
| 91 | 307° 21' 09" |
| 233 | 212° 08' 42" |
| 404 | 44° 17' 43" |
| 405 | 1° 40' 23" |
| <p>LAST MAINTENANCE RECORD :</p> <p>Last visit on : <u>24/05/2005</u></p> | |
| <p>REMARKS :</p> <p>Stop at the entrance of Ma Wan No.2 Fresh Water Service Reservoir. Walk uphill to the Trig.</p> <p>Witness Marks were fixed in 2/2002.</p> <p>The HK 1980 grid coordinates of this station are transformed from GPS surveyed geodetic coordinates.</p> | |