

# TRIGONOMETRICAL STATION SUMMARY

STATION NO. : 105 (FORMER NO. : 55 )

CLASS : \_\_\_\_\_

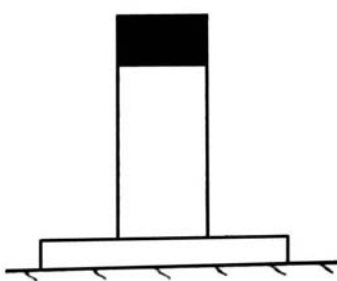
TRIG. NAME : KOWLOON PEAK

LOCALITY : FEI NGO SHAN

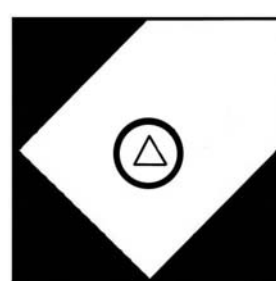
<b>HK 80 DATUM</b>	<p><b>HK 1980 GRID COORDINATES</b> : N = <u>822 393.951</u> m , E = <u>841 056.992</u> m , Ht = <u>603.5</u> m (1)  <i>Note (1) : Height is above the HKPD and measured to the top of mark.</i></p> <p style="text-align: center;"><b>LEVEL ACCURACY</b> :</p> <p style="text-align: center;"><b>SCALE FACTOR</b> : + <u>0.2</u> ppm to measured distance to give Grid Distance</p> <p style="text-align: center;"><b>GRID CONVERGENCE</b> : + <u>0' 58.0"</u> to Grid Bearings to give Azimuth</p>
<b>WGS 84 DATUM</b>	<p><b>GEOGRAPHICAL COORDINATES</b> : Lat _____ N, Long _____ E, Ht= _____ m (2)  <i>Note (2) : Height is above the WGS 84 Ellipsoid and measured to the top of mark.</i></p> <p style="text-align: center;"><b>GPS ACCURACY</b> :</p> <p style="text-align: center;"><b>REFERENCE FRAME</b> :</p> <p><b>UTM GRID COORDINATES</b> : <u>2 473 165</u> mN      <u>214 003</u> mE</p> <p><b>UTM GRID REFERENCE</b> : <u>50Q KK 140 732</u></p>

**STATION DIAGRAM**

Date of Construction : \_\_\_\_\_      Type of Mark: Beacon

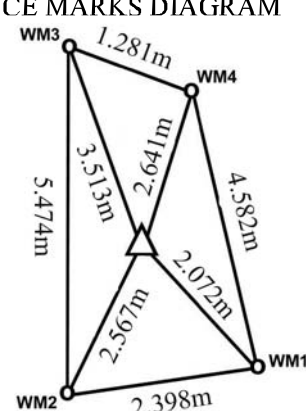


Side view



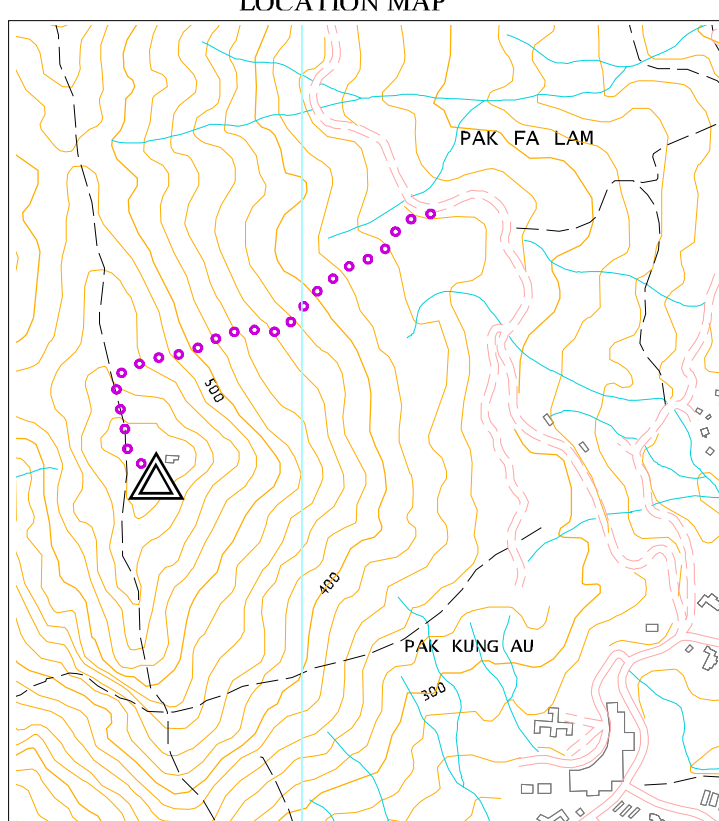
Plan view

**REFERENCE MARKS DIAGRAM**



All witness marks are USM on concrete ground

**LOCATION MAP**



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

**GRID BEARINGS TO ADJACENT TRIGS.**

73.3	280° 33' 21"
129	171° 36' 47"

**LAST MAINTENANCE RECORD :**

Last visit on : 07/08/2006

**REMARKS :**

Obtain entrance key from RTHK and drive along Fei Ngo Shan Road to Pak Fa Lam, walk along the footpath for 1 hr. to reach the beacon on top of radio station.

Witness marks were fixed in 11/2000.