

TRIGONOMETRICAL STATION SUMMARY

STATION NO. : 247 (FORMER NO. : _____)

CLASS : _____

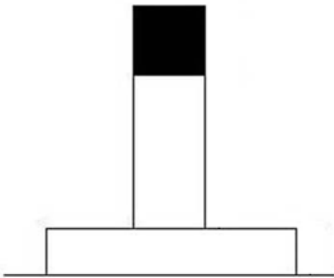
TRIG. NAME : MUI WO

LOCALITY : LAI CHI YUEN TSUEN

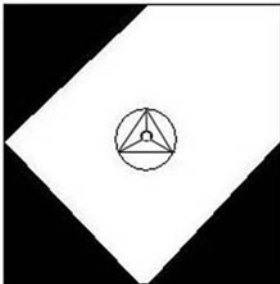
HK 80 DATUM	<p>HK 1980 GRID COORDINATES : N = <u>813 092.068</u>m , E = <u>818 172.917</u> m , Ht = <u>195.71</u> m (1)</p> <p style="text-align: center; font-size: small;">Note (1) : Height is above the HKPD and measured to the top of mark.</p> <p>LEVEL ACCURACY : _____</p> <p>SCALE FACTOR : + <u>4.2</u> ppm to measured distance to give Grid Distance</p> <p>GRID CONVERGENCE : - <u>4' 5.0"</u> to Grid Bearings to give Azimuth</p>
WGS 84 DATUM	<p>GEOGRAPHICAL COORDINATES : Lat <u>22° 15'23.49016"</u>N, Long <u>114° 0'4.76165"</u> E, Ht= <u>192.423</u> m (2)</p> <p style="text-align: center; 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>2 464 286</u> mN <u>190 932</u> mE</p> <p>UTM GRID REFERENCE : <u>50Q JK 909 643</u></p>

STATION DIAGRAM

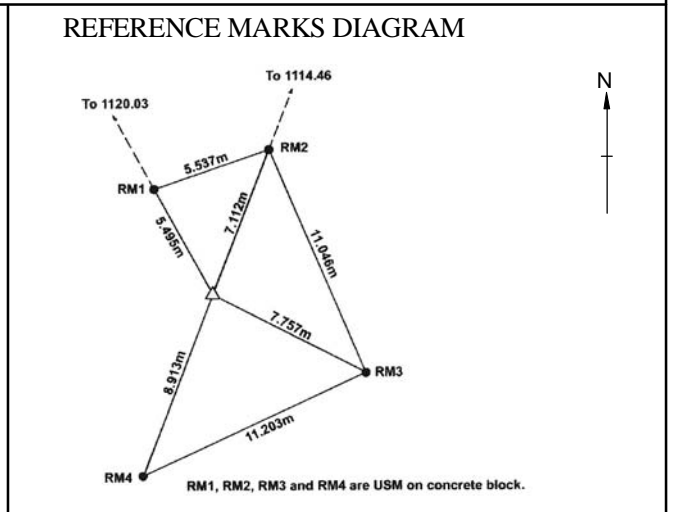
Date of Construction : 1996 Type of Mark : Beacon



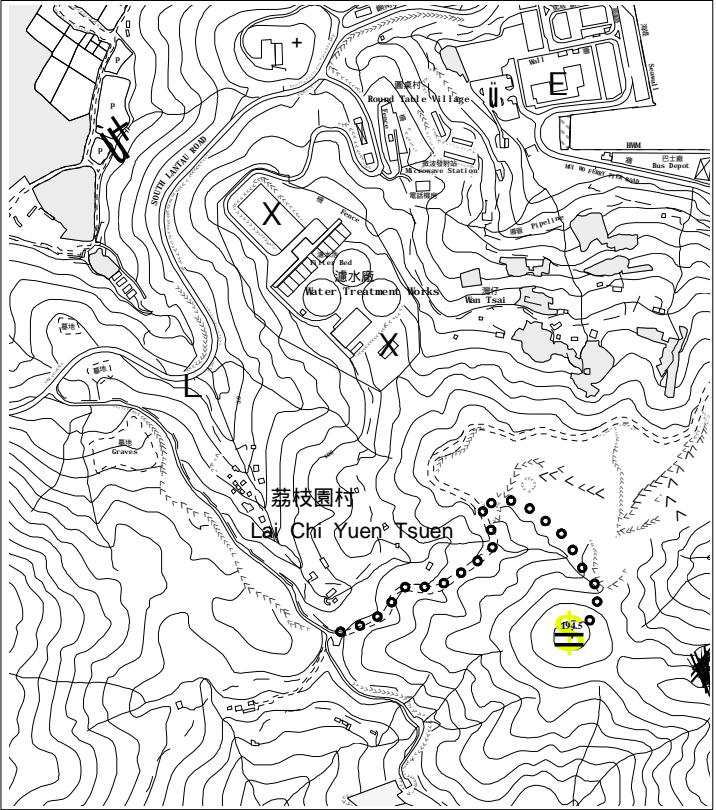
Side view



Plan view



LOCATION MAP



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

GRID BEARINGS TO ADJACENT TRIGS.

1120.03	330° 50'17"
1114.46	20° 57'59"

LAST MAINTENANCE RECORD :

Last visit on : 07/2004

REMARKS :

The HK 1980 grid coordinates of this station were transformed from GPS surveyed geodetic coordinates.