

# TRIGONOMETRICAL STATION SUMMARY

STATION NO. : **654** (FORMER NO. : **4020.05** )

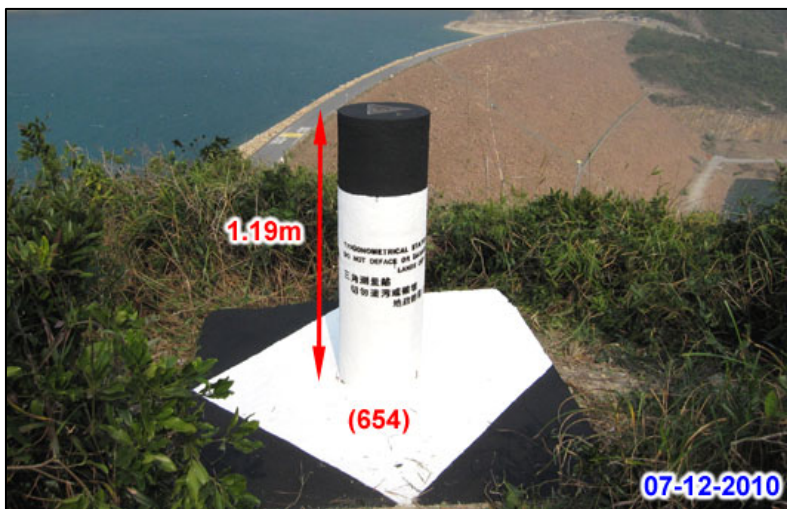
SURVEY SHEET NO. : **8-SE-23B**

TRIG. NAME : **PO PIN CHAU**

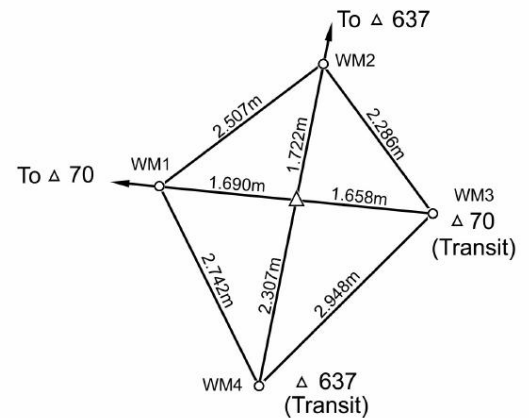
LOCALITY : **HIGH ISLAND**

<b>HK 80 DATUM</b>	<p><b>HK 1980 GRID COORDINATES :</b> N = <b>824 700.623</b> m, E = <b>856 354.586</b> m, Class : <b>N.A.</b></p> <p>Transformed from WGS84 (ITRF96) Ht = <b>103.8</b> m above HKPD and measured to the top of mark, Class : <b>V5</b></p> <p><b>SCALE FACTOR :</b> <b>+ 4.8</b> ppm to measured distance to give Grid Distance</p> <p><b>GRID CONVERGENCE :</b> <b>+ 04' 21.4"</b> to Grid Bearings to give Azimuth</p>
<b>WGS 84 DATUM</b>	<p><b>GEOGRAPHICAL COORDINATES :</b> Lat = <b>22° 21' 40.80450"</b> N, Long = <b>114° 22' 18.81179"</b> E, Class : <b>GH3</b></p> <p>Ht = <b>101.739</b> m above Ellipsoid and measured to the top of mark, Class : <b>GV3</b></p> <p>Reference Frame = <b>ITRF96</b></p> <p><b>UTM GRID COORDINATES :</b> <b>2 475 185</b> mN, <b>229 349</b> mE</p> <p><b>UTM GRID REFERENCE :</b> <b>50Q KK 293 751</b></p>

STATION PHOTO

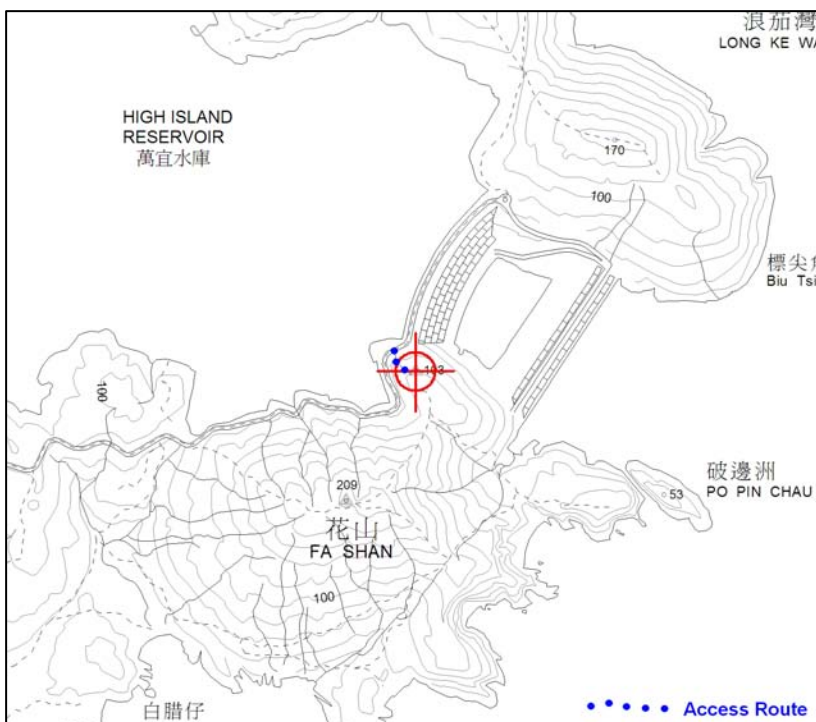


REFERENCE MARKS DIAGRAM



All witness marks are  
U.S.M. in concrete base

LOCATION MAP (Scale 1:20000)



GRID BEARINGS TO ADJACENT TRIGS.

<b>637</b>	<b>11° 43' 02"</b>
<b>636</b>	<b>208° 22' 12"</b>
<b>70</b>	<b>276° 52' 00"</b>
<b>625</b>	<b>325° 59' 55"</b>

REMARKS:

Type of Mark : Type A Beacon

Drive along Sai Kung Man Yee Road at High Island Reservoir. It takes about 5 minutes walking to the Trig. along the footpath.