

SATELLITE POSITIONING REFERENCE STATION SUMMARY

STATION NO. : **DSMG** (FORMER NO. : _____)

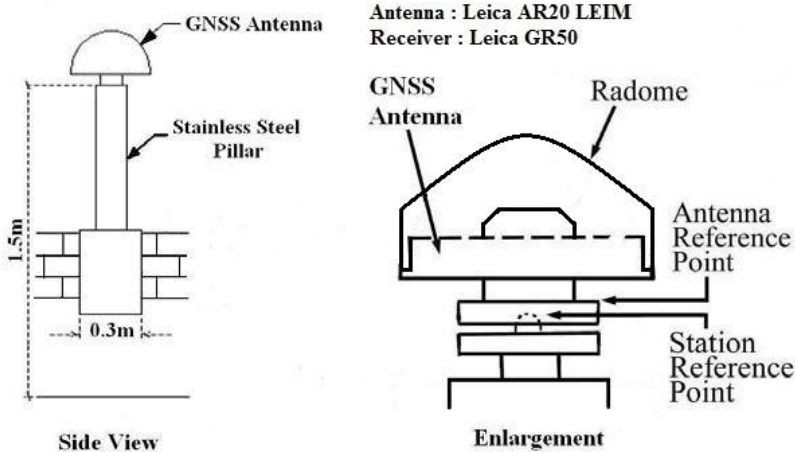
SURVEY SHEET NO. : _____

NAME : **TAIPA GRANDE GNSS REFERENCE STATION**

LOCALITY : **TAIPA GRANDE, MACAO**

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|-------------------------|--|
| HK 80 DATUM | <p>HK 1980 GRID COORDINATES : N = <u>802 403.275</u> m, E = <u>773 543.202</u> m, Class : <u>N.A.</u> <i>Transformed from WGS84 (ITRF96)</i> Ht = _____ m above HKPD and measured to the top of mark, Class : _____</p> <p>SCALE FACTOR : <u>+ 49.2</u> ppm to measured distance to give Grid Distance</p> <p>GRID CONVERGENCE : <u>- 13' 51.4"</u> to Grid Bearings to give Azimuth</p> |
| WGS 84 DATUM | <p>GEOGRAPHICAL COORDINATES : Lat = <u>22° 9' 32.25114"</u> N, Long = <u>113° 34' 7.57323"</u> E, Class : <u>GH2</u> Ht = <u>117.798</u> m above Ellipsoid and measured to the top of mark, Class : <u>GV2</u></p> <p>Reference Frame = <u>ITRF96</u></p> <p>UTM GRID COORDINATES : <u>2 452 662</u> mN, <u>764 918</u> mE</p> <p>UTM GRID REFERENCE : <u>49Q GE 649 526</u></p> |

STATION PHOTO



REFERENCE MARKS DIAGRAM



LOCATION MAP (NOT TO SCALE)



REMARKS:

Date of Construction : 2008

Type of Mark : Stainless Steel Pillar

- 1) The Station Reference Point (horizontal & vertical) is at the top of the nipple of the lower antenna mount.
- 2) The height from the Station Reference Point to the Antenna Reference Point (bottom of antenna) is 0.008m.
- 3) The Station is on the roof top of the building of "The Macao Meteorological and Geophysical Bureau" (澳門地球物理暨氣象局).
- 4) The Station is managed by Macao Cartography and Cadastre Bureau (DSCC).