SATELLITE POSITIONING REFERENCE STATION SUMMARY

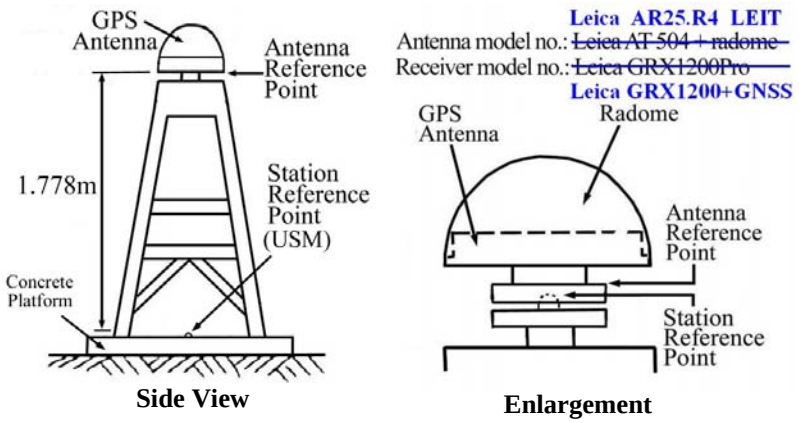
STATION NO. : HKFN *(FORMER NO.* : _____ *)* *CLASS* : _____

TRIG. NAME : **FANLING SATELLITE POSITIONING REFERENCE STATION** *LOCALITY* : PIK FUNG ROAD, FANLING

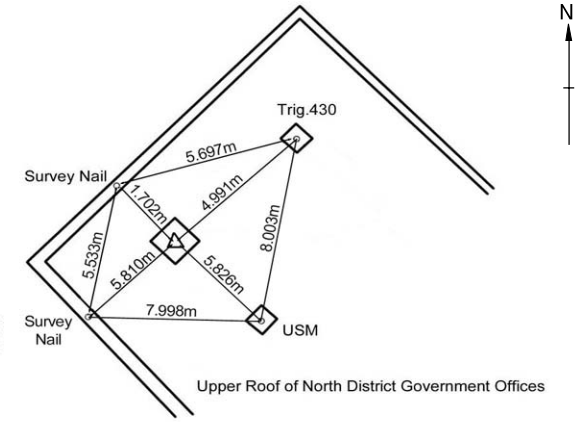
HK 80 DATUM	*HK 1980 GRID COORDINATES* :	N = 839 454.966m , E = 832 285.140 m , Ht = 44.46 m (1)
		Note (1) : Height is above the HKPD and measured to the top of Station Reference Point.
	LEVEL ACCURACY :	
	SCALE FACTOR :	+ 0.2 ppm to measured distance to give Grid Distance
	GRID CONVERGENCE :	- 0' 59.0" to Grid Bearings to give Azimuth
WGS 84 DATUM	*GEOGRAPHICAL COORDINATES* :	Lat 22° 29'40.87008"N, Long 114° 8'17.40609" E, Ht= 41.210 m (2)
		Note (2) : Height is above the WGS 84 Ellipsoid and measured to the top of Station Reference Point.
	GPS ACCURACY :	*REFERENCE FRAME* : **ITRF96**
	UTM GRID COORDINATES :	2 490 399 mN 205 548 mE
	UTM GRID REFERENCE :	50Q KK 055 904

STATION DIAGRAM

Date of Construction : NOVEMBER 2000



REFERENCE MARKS DIAGRAM



LOCATION MAP

Scale : 1 : 5000 Legend : △ = Station °o°o° =Access Route

Draft for Equipment Upgraded on 26-8-2011

N

LAST MAINTENANCE RECORD :

Last visit on : 22/06/2009

REMARKS :

1) The Station Reference Point (horizontal & vertical) is at the top of the Urban Survey Mark (USM) on concrete platform.
2) The height from the Station Reference Point to the Antenna Reference Point (bottom of antenna) is 1.778m.
3) The HK1980 grid coordinates of this station are transformed from GPS surveyed geodetic coordinates.

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Date : 23/06/2009

Geodetic Survey Section
SMO, Lands Department
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