

Our Ref : SLA/SVY 251/72 Vol 7



**SINGAPORE
LAND AUTHORITY**

55 Newton Road
#12-01 Revenue House
Singapore 307987
Main: (65) 6323 9829
Fax: (65) 6323 9937
Website: www.sla.gov.sg

Date: 11 May 2015

CS Circular No. 2/2015

To: All Registered Surveyors

Singapore Height Datum in Survey Plans

Related amendments have been made to the Boundaries and Survey Maps Act (BSMA) as a result of the State Lands (Amendment) Act 2015.

2. The key changes include:
 - (a) Introduction of the term 'bench mark'
 - (b) Introduction of the term 'Singapore Height Datum (SHD)'
 - (c) Making it clear that a survey control mark includes a 'bench mark'
 - (d) Every bench mark placed under the supervision of the Chief Surveyor is conclusive evidence

3. The concept of SHD is not new. The vertical distance of a 'bench mark' (also known as Vertical Control Point) from the SHD is the "Reduced Level" indicated in the product purchased from INLIS.

4. With these changes, all Registered Surveyors shall use the Singapore Height Datum in survey plans submitted to the Chief Surveyor where measurement of vertical distance from the SHD is involved. The statement "Reduced Levels are based on Singapore Height Datum = 0.000m" shall be shown as such.

5. This will mean that Reduced Level values shall be based on the Singapore Height Datum (for example in the Cross Section Diagram of survey plans showing airspace/subterranean lots).

6. Annex A provides a sample illustrating the new requirements in survey plans.
7. This new requirements will be take effect for job submitted from 15 June 2015.



Leong Kai Weng

for Chief Surveyor

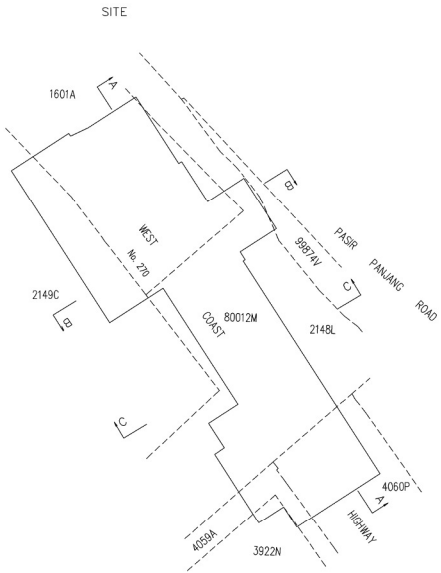
DID: 64783583

Fax: 63239937

Email: leong_kai_weng@sla.gov.sg

Lot No.	On Plan	Remarks
80012M		Allotted for Subterranean Lot

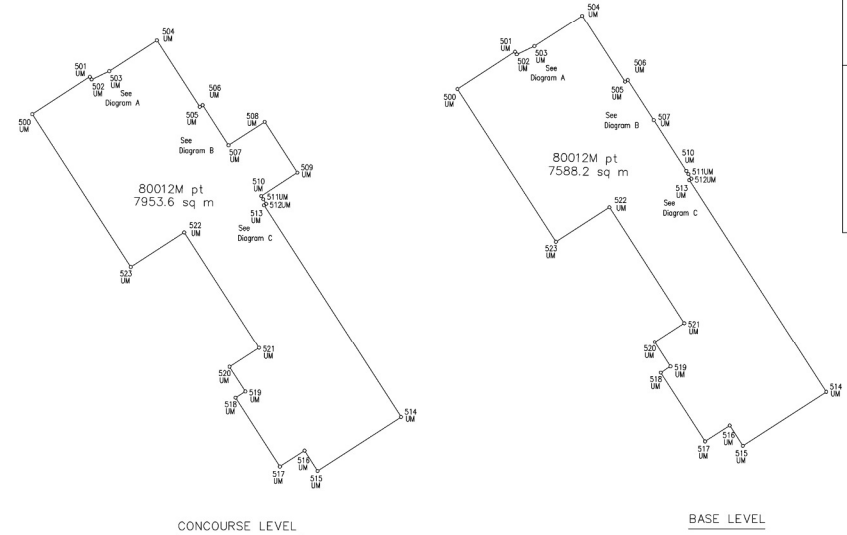
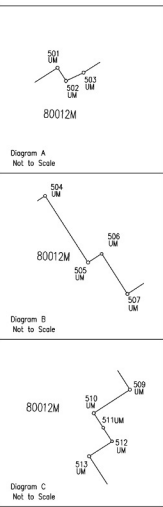
Station No.	Northing	Easting	Station No.	Northing	Easting
500	29480.537	22183.728	515	29346.537	22300.838
501	29494.502	22215.359	516	29354.150	22295.922
502	29483.524	22215.990	517	29348.184	22286.681
503	29498.622	22232.604	518	29373.976	22270.029
504	29508.184	22240.514	519	29376.362	22273.728
505	29483.234	22256.623	520	29385.603	22267.759
506	29483.911	22257.672	521	29392.763	22278.849
507	29468.855	22267.393	522	29436.247	22250.773
510	29448.856	22278.659	523	29423.283	22230.694
511	29448.690	22280.419	508	29417.600	22230.972
512	29446.936	22281.545	509	29458.821	22293.235
513	29444.421	22280.747			
514	29366.769	22332.173			



SAMPLE

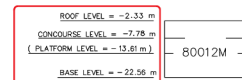
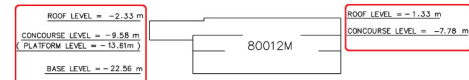
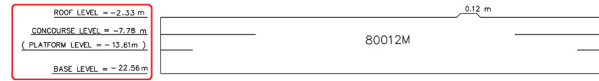
STOREY
Scale 1:1000

Building No.	Lot No.	Storey	Area in Parts (sq m)	Total Area (sq m)
270 Pasir Panjang Road How Par Villa MRT Station	80012M	Concourse	7953.6	15541.8
		Base	7588.2	



Reduced levels are based on Singapore Height Datum = 0.000m

CROSS SECTION DIAGRAM
(Reduced levels are based on Singapore Height Datum = 0.000m)
Not To Scale



2181
2241



Meters 0 10 20 30 40 50

All coordinates shown are based on SVY21 Datum	Drawn By Name	I, Name, a surveyor registered under the Land Surveyors Act (Cap.156), certify that this document has been prepared by me or under my immediate supervision, in accordance with the Boundaries and Survey Maps (Conduct of Coastal Surveys) Rules 2005 (G.N.No.5 155/2005).	Approved	
Surveyed By Name Date	Examined By Name Date	Date	Soh Kheng Peng Registered Surveyor (Digitally Signed)	
Completed from W/856/WCT/ANP/1001F,1002E, W/856/WCT/ALS/1010E,1011D & M856WCT-SY5001J	Plan (236) in SLA/RS/121.1.91	Sketch Plan SK84396-001 to 013	84396	
Cadastral Maps 2181 & 2241	Scale 1 : 1000 Plan Size : A1	MUKIM No. 03		