

Tea Session with Registered Surveyors

28 Sept 2012



Tea Session with RS

➤ Agenda:

- 1) Pro-enterprise Ranking Survey results
- 2) CS Circular 2/2012 Strata Void Areas
- 3) Survey of foreshore jetty with fenders
- 4) Enhancements on Cadastral Job Submission and Processing by 2015



Pro-enterprise Ranking Survey (PERS)results

- 1) Pro-enterprise Ranking Survey (PERS)results
- PERS started in year 2006
- SLA ranked 6th out of 26 agencies in 2011
- SLA ranked 4th out of 26 agencies in 2012



CS CIRCULAR 2/2012 -STRATA VOID AREAS FOR STRATA JOB SUBMISSION

- Purpose is to enable prospective buyers to make better informed decisions when buying a property.
- New requirement to state 'INCLUDES STRATA VOID OF XXX SQ M' where 'XXX' is the void area, below the area column in the SSCT;
- RS' are required to tabulate the 'Total Strata Void Area' in addition to the breakdown of floor area and void area, the sub-total area of each storey and the total area of the strata ot;
- RS' are also required to indicate the statement 'INCLUDES STRATA VOID OF XXX SQ M' under a new column 'Plan_Area_Description' in the CPST_Information.xls file.
- This is applicable to all CPST jobs, including HDB strata jobs.
- For strata lots where there are NO strata voids, there is NO need to show or tabulate the 'Total Strata Void Area' in the CPST, FD and CPST_Information.xls file.



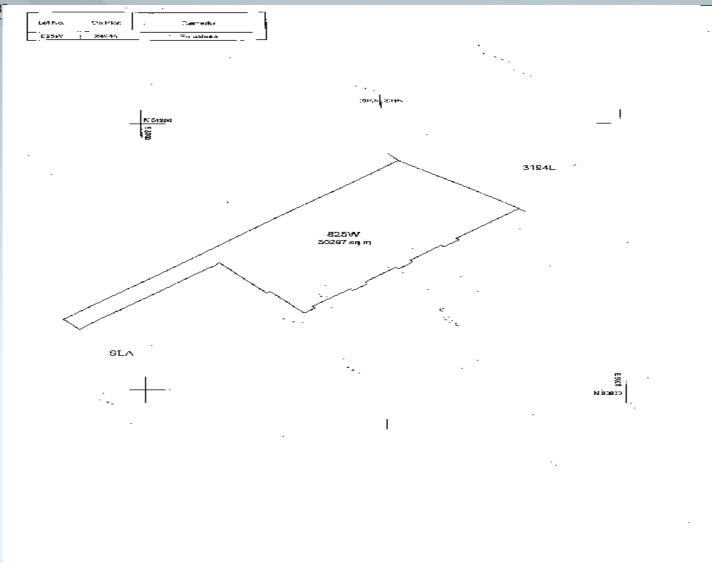
CS CIRCULAR 2/2012 -STRATA VOID AREAS FOR STRATA JOB SUBMISSION

CS CIRCULAR 2/2012



Survey of foreshore jetty with fenders







Survey of foreshore jetty with fenders

- > Please inform clients that for survey of foreshore:
- If the jetty cannot operate without the fenders, then it should be included in the lot boundary.
- If they can operate without the fenders, then they should remove the fenders.



Enhancements on Cadastral Job Submission and Processing by 2015

SLASSINGAPORE LAND AUTHORITY

Outline

- Existing Issues
 - Too many forms
 - Laborious check lists
- Intelligent Digital Data File
 - LandXML
- Benefits
 - Speed Up the Approval Process
 - Save Cost and Time
- Supports for Surveyors



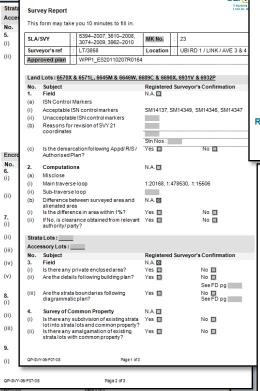
Survey Report

12.

13.

(iii)

15.



Encroachment Report

Too Many Forms

Forms

We have listed the forms that Registered Surveyors may be required to fill for your easy reference and action. Please click on the relevant link:

- 1. EDM Calibration Booking Form
- 2. Checklist for Cadastral Survey under SVY21 Datum
- 3. Checklist for Inspection of Strata Certified Plan
- 4. Checklist for RT plan under SVY21
- 5. Calculation of Survey Fee Payable to Chief Surveyor
- 6. Engagement of Registered Surveyor and Application for New Lot Numbers
- 7. Survey Report
- 8. Comparison of Areas
- 9. Certificate in relation to Encroachment
- 10. Request for ISN Markers
- 11. Request for Survey Document Number
- 12. Request for SVY21 Coordinates
- 13. Submission of ISN GPS Observation
- Application Form for SiReNT Services
- 15. Authorisation for Deduction of Survey Fees

Reference Documents

- 1. Certificate of Employment of Assistants of Registered Surveyor
- 2. Notice to enter Land / Flat to do Boundary Survey

Your Ref Our Ref: Date: CERTIFICATION IN RELATION TO ENCROACHMENT
(PURSUANT TO RULE 15 OF BOUNDARIES AND SURVEY MAPS (CONDUCT OF CADASTRAL SURVEYSURILLES there (* is/ is no) encroachment affecting any land parcel adjoining the land parce my survey) the particulars of the encroachment are as follows: (i) Lot and * Mukim / TS No. of adjoining land parcel: (ii) Ownership of adjoining land parcel: *State / Private (iii) The encroachment is as shown in : (state survey document) (v) The encroachment * was / was not created by the purchaser or owner of the (if the encroachment was created by the purchaser or owner of the land parcel surveyed by me) the encroachment has been resolved and the encroachment has (describe documentary evidence of resolution of encroachment) is attached. (Signature and date of certification) Delete whichever is inapplicable

Request_SV/21_QP-LSV-08-F19-03					
Request for SVY21 Coordinates (This form may take you 10 minutes to fill in.) Customer D etails					
Registered Surveyor Please enter Professional Number ONLY:					
Non Registered Surveyor Customer Name :					
E mail Address :					
Phone Number:					
Lot Numbers					
Example: MMK 99 99999X					
Requested by Registered Surveyor / Non-Registered Surveyor					
Requested by Registered Surveyor / Non-Registered Surveyor					

Request for SVY 21 Coordinates

List of Forms

 Engagement of RS and Application for New Lot Numbers

				SLA	
Engagement Of Registered Surveyor and Application for New Lot Numbers					
This form may take you 10 minutes to fill in.					
Particulars of Land Owner					
1	Name *(Mr / Mrs / Ms / Dr)	2	Address		
			Postal Code		
3	Person to contact (if applicable)	4	E-mail		
5	* Tel / H/P No.	6	Fax No.		
7	*T/We have engaged the following surveyor registered under the Land Surveyors Act to carry out the cadestra survey in accordance with Boundaries and Survey Maps Act and its related Rules.		Signature	Date	
Ann	lication for New Lot Numbers by Regis	stered	Surveyor		
1	Parent Lot Nos.	2	New lots required:	Quantity	
(i)	MK No.:,,	(i)	Land lots :		
(ii)	Lot Nos:	(ii)	Airspace lots :		
		(iv)			
		(v)	Strata Provisional lots		
		(vi)	Accessorvlots		
	Amalgamation (To be completed only if applicable) (Mark to Where amalgamation is involved, lots to be amalgamated are held under: confirm) Same ownership				
4	New lot numbers are not required. For i	SSUEO	of Survey file number only		
Acc	eptance by Registered Surveyor				
Ъ.	(Name of Registered Surveyor)				
(i)	Accept the appointment to carry out the above cadastral survey.				
(ii)	*Confirm that I have been authorised by the owner to amalgamate the lots.	-	Signature	Date	
Note	The Registered Surveyor will submit th	e comi	(Digitally Signed)	vevor	
Note: The Registered Surveyor will submit the completed form to the Chief Surveyor * Delete whichever is inapplicable.					
QP-LS	1V-04-F03-11 Page 1	of 1			
QP-LS	N-04-P03-11 Rage 1	of 1			

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Common Errors

Major Errors

No. Item

- Lot number: Incorrect lot number and check alphabet
- Lot boundaries: Not set up or incorrectly set up in the survey documents
- Demarcation:
 - a. Not following the original position of boundary
 - b. Deviation from request for survey(RS) plan
 - c. Incomplete
 - d. Encroachment is not resolved
- Details:
 - e. Not fully picked up
 - f. Encroachment details not clearly defined
 - g. Wall details not described as party wall or garden wall
 - h. No offsets or radiations to details and party wall
 - i. Details not described in Field Book
- SVY21 datum and ISN survey:
 - i. Failure to install or connect to for 4 ISN markers
 - k. Failure to adopt ISN survey procedures
- Area: Incorrect computation
- Coordinates are not consistent with SVY21 values
- Strata lot boundaries: Not agreeing with Building Plan or the approved or authorised subdivision plans
- Floppy diskette containing lot/strata information
 - Not submitted
 - m. Incorrect format used for uploading in Lot Base System

 - I. Not submitted
 - m. Incorrect format used for uploading in Lot Base System

Minor Errors

No. Item

- Boundary marks wrongly described
- House numbers not shown on plan
- Adjacent lot numbers and boundaries not shown or outdated
- Extreme coordinates omitted or incorrectly shown on plan
- Incorrect road names
- Incorrect cadastral map numbers and grids
- Incorrect Section 14(4) plan reference
- Incorrect references of records
- IRAS notification of addresses not submitted
- Incorrect height on Elevation Sketch
- Incorrect height on Elevation Sketch

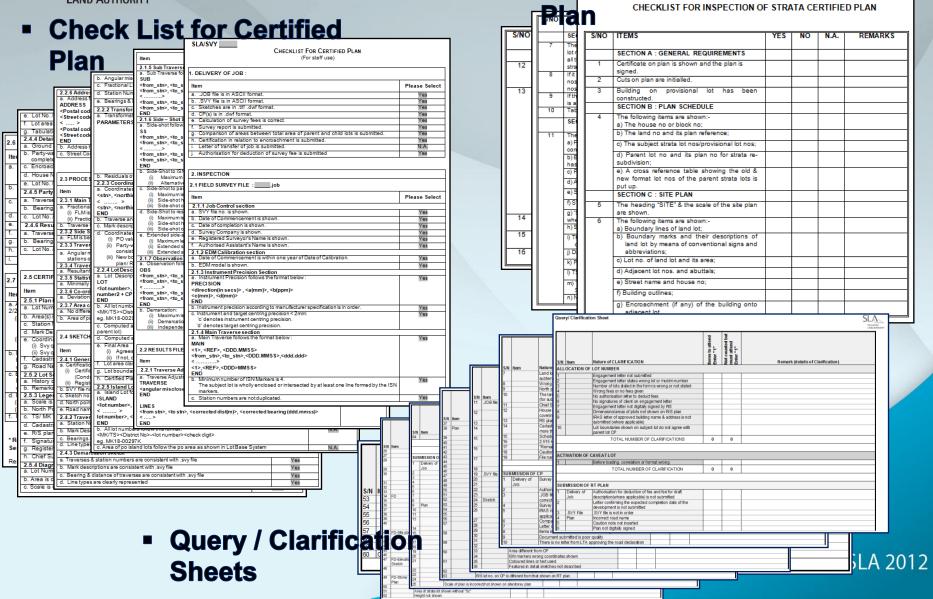
Source: Most Frequent Errors @

http://www.sla.gov.sg/

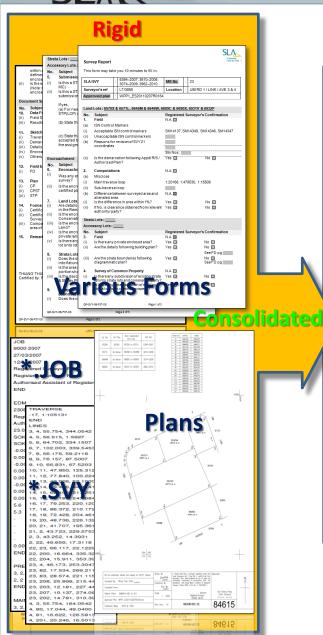


Laborious Check Lists

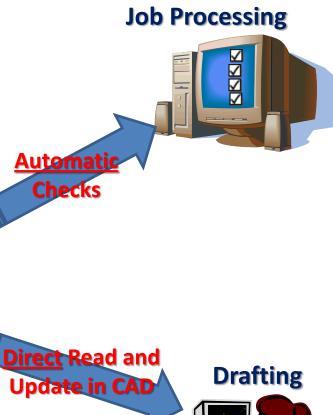
Check List for Strata Certified



Intelligent Digital Data File: LandXML

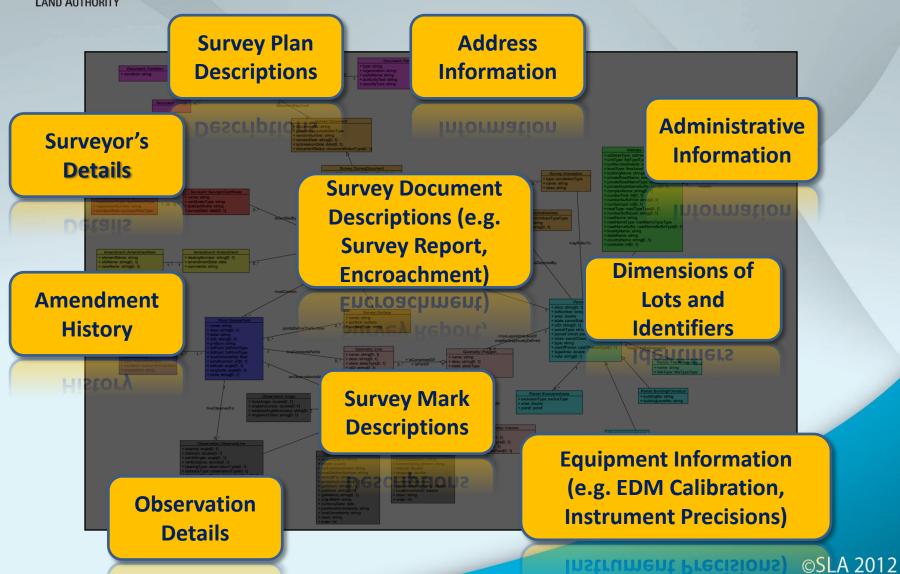






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What is in LandXML?





Benefits

Reduces Clarifications / Queries due to Missing or Incorrect Information

Improves Checking Process

Speed up the approval process

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Data file can be read and updated in CAD directly – Cost Saving in Drafting

Information from data file can intelligently be retrieved - no need to be re-entered

Save Time and Money



Supports for Surveyors

- Most CAD software are able to create LandXML
- To provide a mechanism (e.g. a portal) for
 - conversion to LandXML during the interim period
 - pre-validating submissions (error checking)
- To provide User Guides
 - "how to get started"
 - steps to generate LandXML document
- To provide Training Courses
- To form a Working Group with SISV



Thank You!