

Charisse Griffith-Charles and Earl Edwards

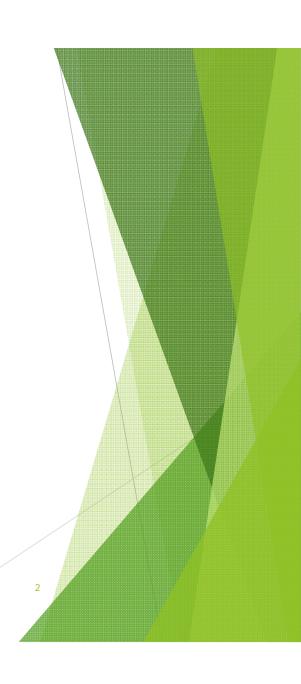
Department of Geomatics Engineering and Land Management,

The University of the West Indies, St. Augustine,

Trinidad and Tobago

Outline

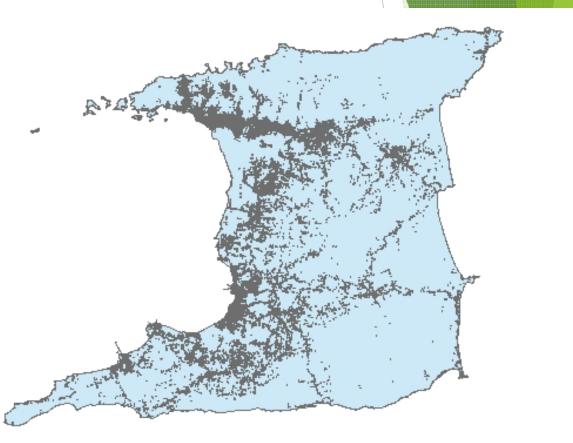
- Justification for project
- Legislation on visualisation of cadastre
- Current visualisation
- Proposed visualisation
- Recommendations



Justification for 3d cadastre

Building density concentration





Justification for 3d cadastre

Property price increases

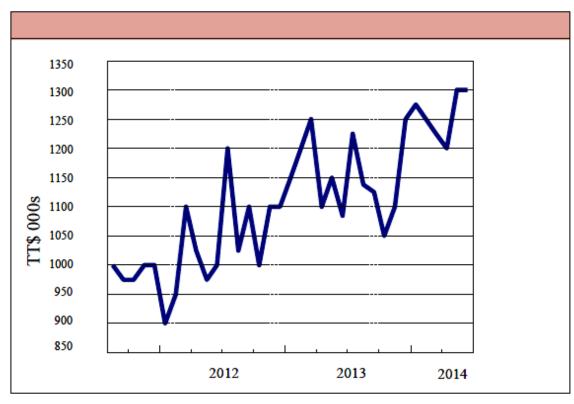


Figure 2. Median property price increases 2012 to 2014 in Trinidad and Tobago (Central Bank of Trinidad and Tobago 2014)

Justification for 3d cadastre

World Bank - Ease of Doing Business Registration of Property Ranking

Country	Rank (1 to 189 best to worst)
Georgia	1
UAE	4
Trinidad and Tobago	159





ting Your Dreams Come True

UICK LINKS

- » Home » About Us
- » Stamp Duty Calculators
- » Mortgage Calculators
- » Metric Converter
- » Currency Converter
- » Featured Listings
- » Residential Listings
- » Recommended Properties
- » Commercial Listings
- » Required Documents
- » Contact Us
- » Our Services

ECENT ADDITIONS

The Summit, Moka Beds/Baths: 3/3.5 TT\$6,500,000 View Details

The Summit, Moka

The Summit, Moka - CNP9057



Price

» TT\$6,500,000

Beds/Baths

» 3/3.5

Type

Status

» For Sale

Bookmark or share this property information with someone: [] SHARE [] SHARE







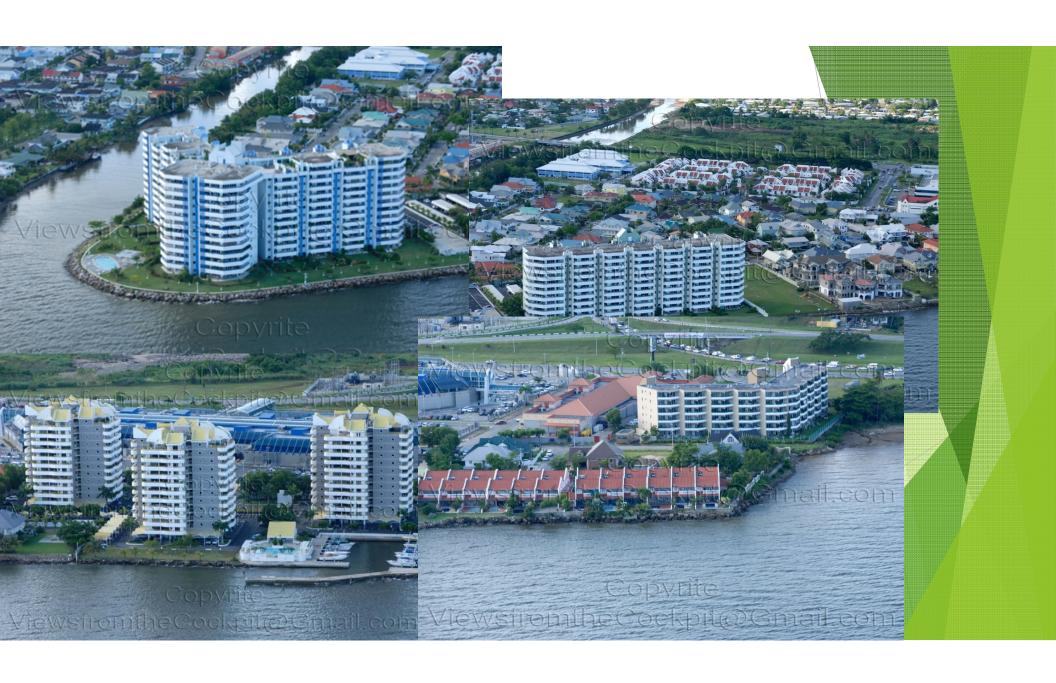








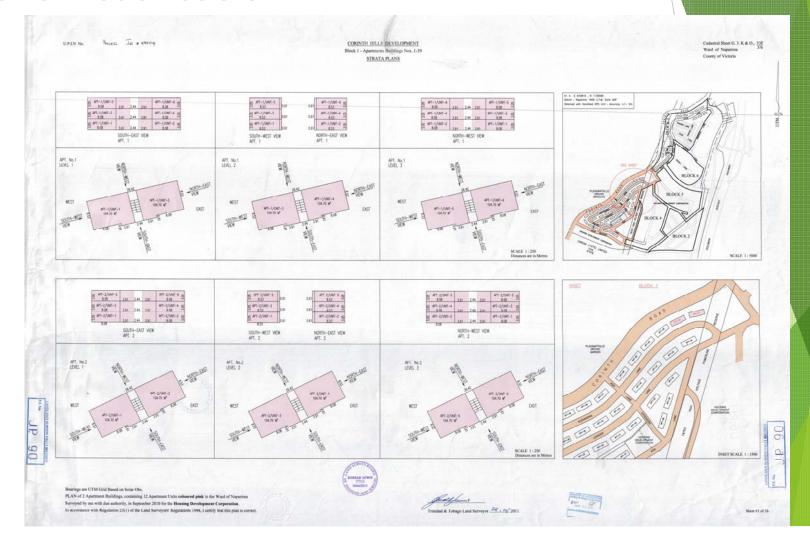




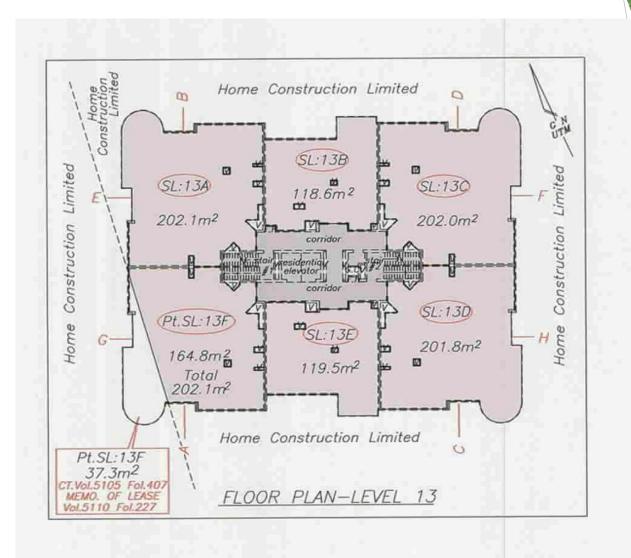
legislation

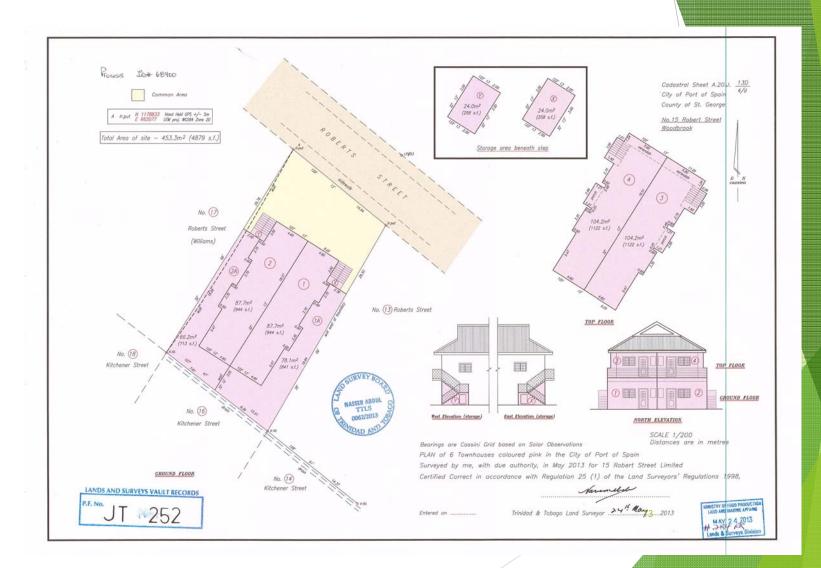
- ▶ Real Property Act Chapter 56:02 states:
- ▶ Every map, plan or diagram required for the purposes of this Act shall be prepared and furnished in the manner specially provided for the purpose by the Land Surveyors Act and by Rules made thereunder.
- ► The Rules require:
- for condominiums and townhouses a location plan, strata plans for each floor, and elevation plans for each façade.

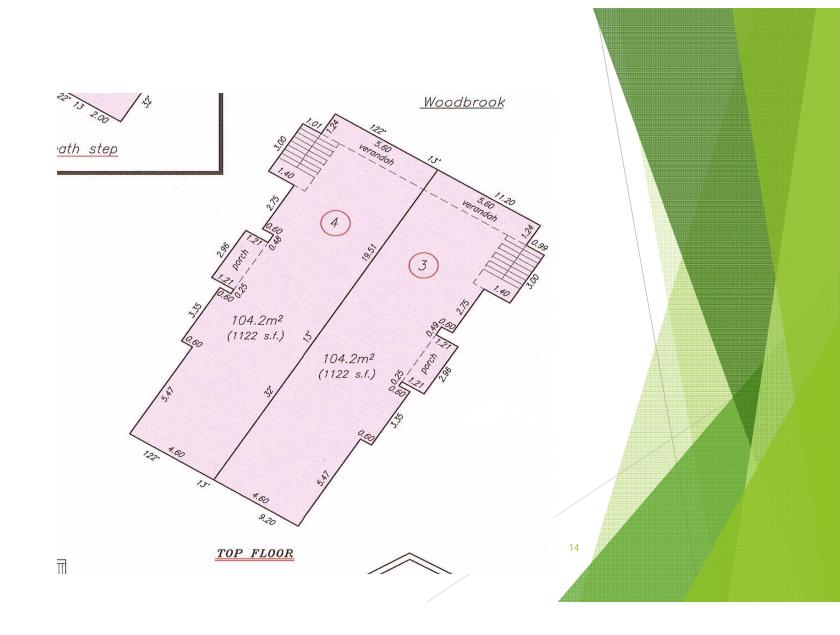
Current Visualisation



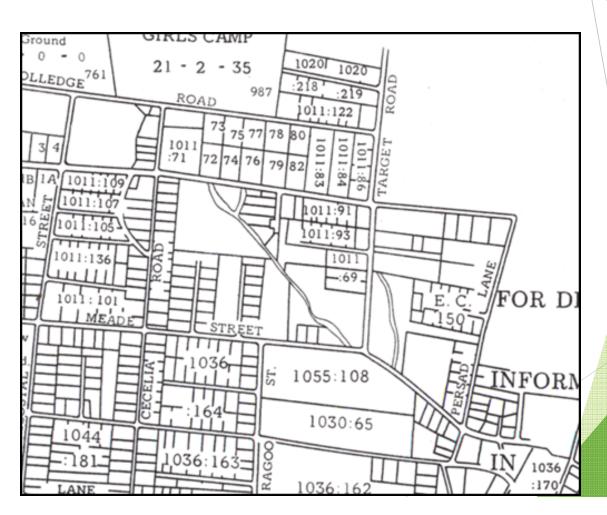


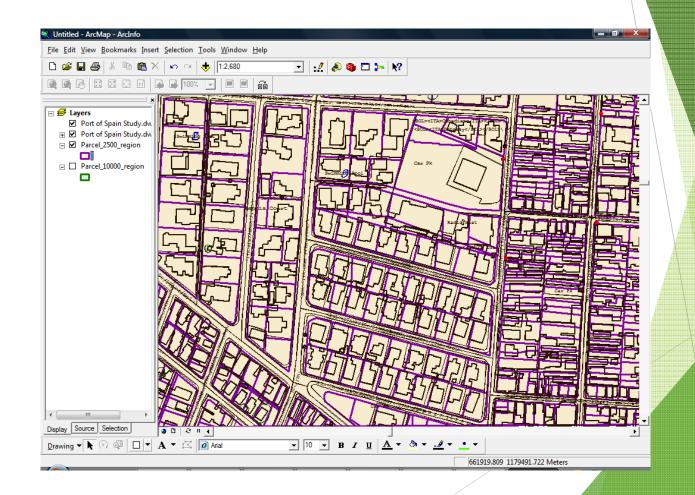


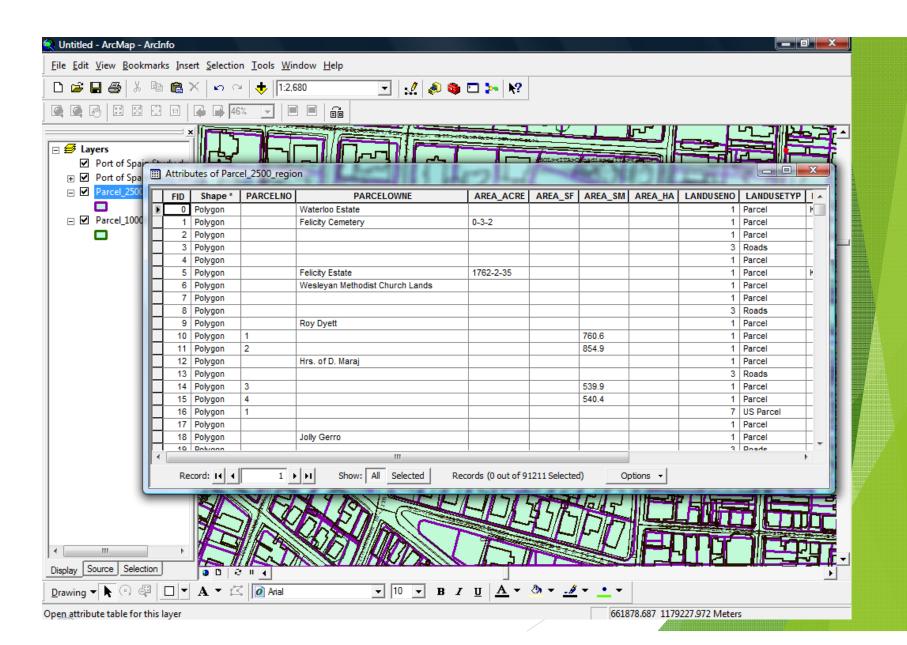


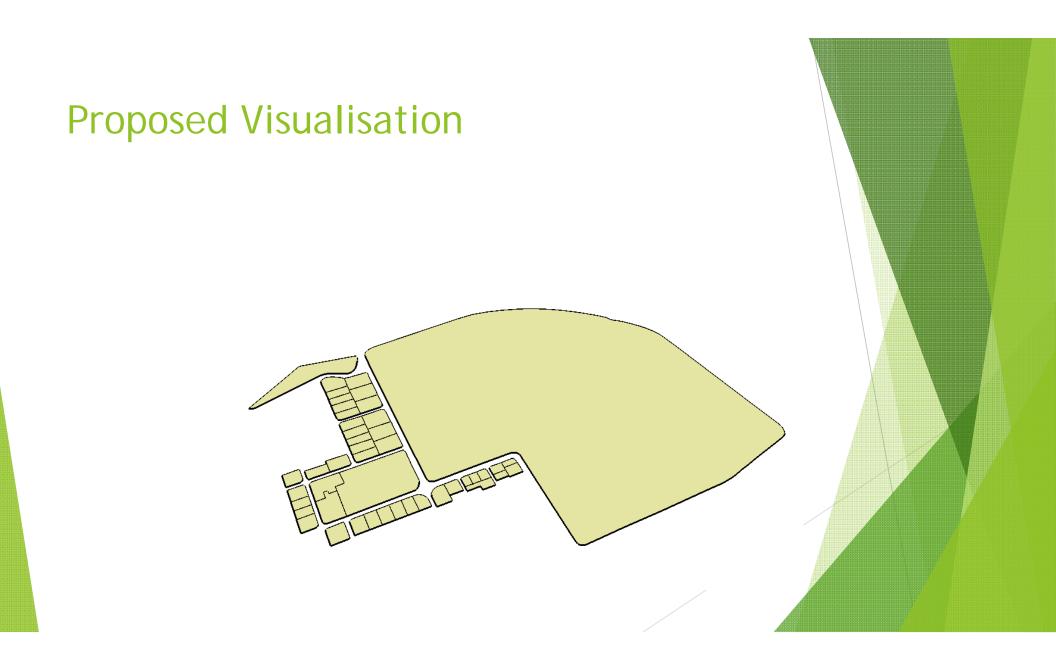


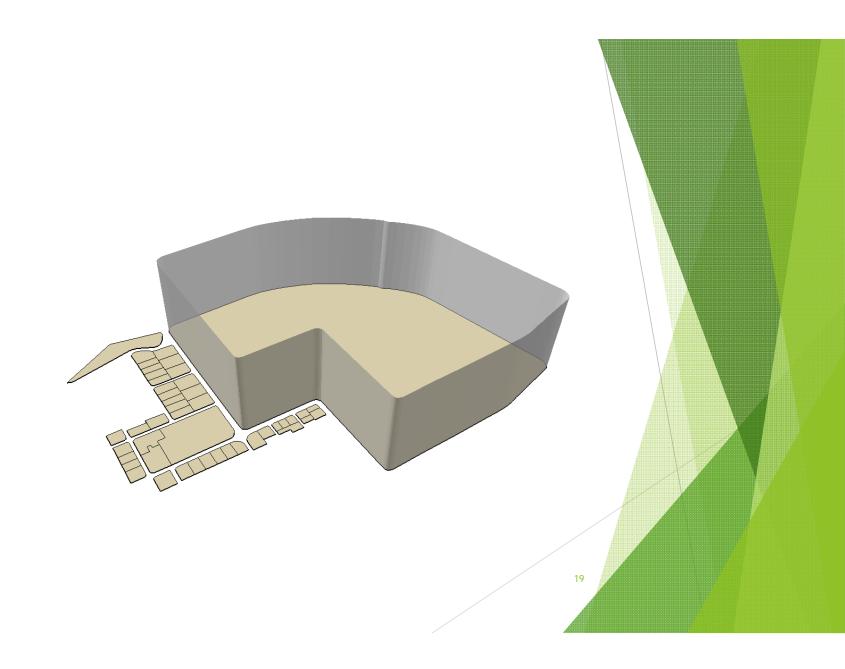
Current Visualisation

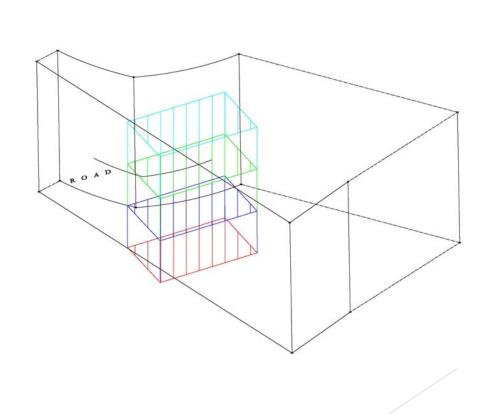


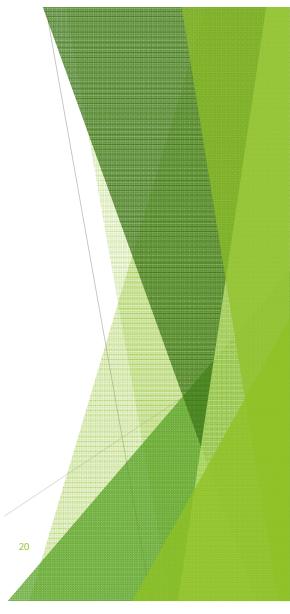


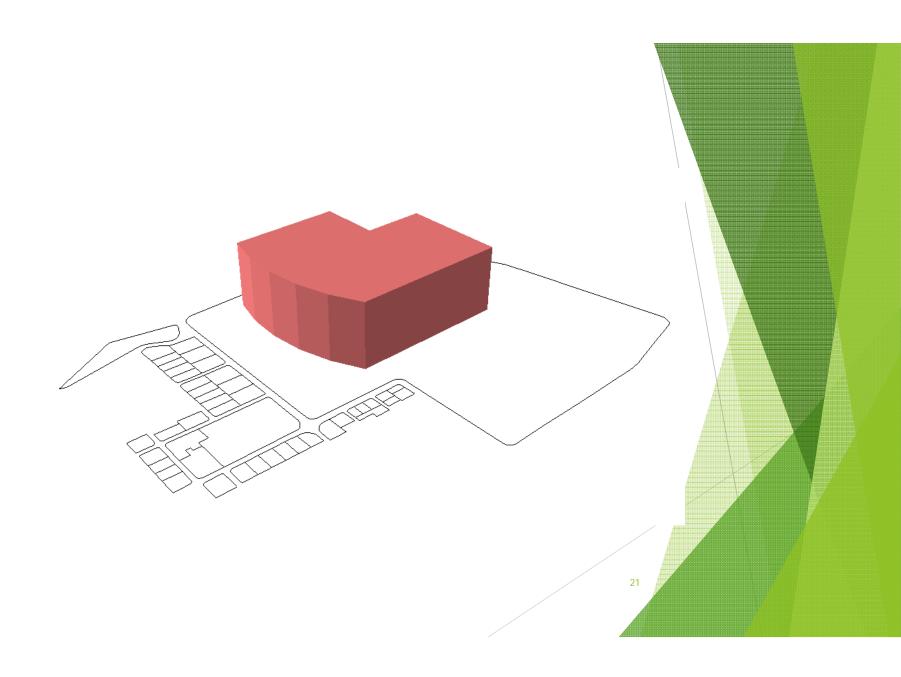




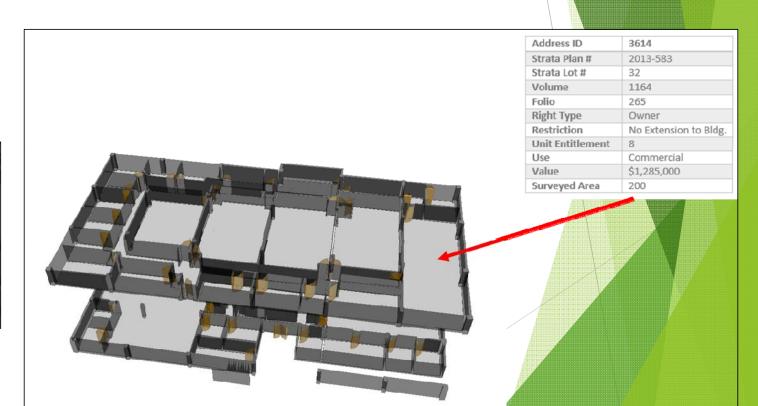








Recommendation - LADM Prototype

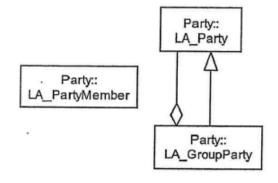


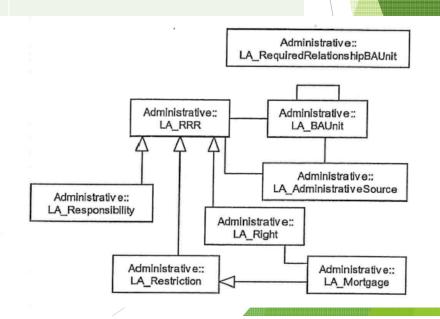


Attribute Name	Field Type	Width	Example	Remarks
Address ID	Integer	50	5631	Link to external address table
Strata Plan #	Text	100	2014-48	Number assigned by recording agency
Strata Lot #	Text	15	F116	Unique ID for Lot
Volume	Short Integer	5	1164	Book recording title information
Folio	Short Integer	5	465	Entry number in that book
Right Type	Text	100	Owner	Type of possession
Restriction	Text	255	No extension of apartment allowed	Restrictive covenants
Unit Entitlement	Short Integer	25	4	Undivided shares in common area
Use	Text	100	Residential	Permitted use of strata lot
Value	Double		100000.00	Valuation at time of transaction in TT\$
Surveyed Area	float		85.3	Floor Area recorded on survey plan in sq. m

LADM Structure - Party Package

LADM	TTLADM	Definition
LA_Party	TTLA_Party	Unit owner
LA_GroupParty	TTLA_GroupParty	Condominium company
LA_PartyMember	TTLA_PartyMember	Unit owner/company membeer





Proposal for Taking the Current Cadastre to a 3D, LADM Based Cadastre in Trinidad and Tobago

Dr Charisse Griffith-charles and Dr Earl Edwards

Department of geomatics engineering and land management,

The university of the west indies, st. Augustine,

Trinidad and Tobago