

Can/Am Surveying

Similarities / Differences

Ontario

- Association of Ontario Land Surveyors AOLS, designation OLS
- Licenced or registered
 - Registered
 - Licenced
- Regional Groups
- Annual Dues \$2,500 CDN
- Peer review Process
- Every firm undergoes a comprehensive review every 5 years includes field work.
- Every firm submits plans to the AOLS and plans are chosen randomly 5 plan reviews / year
- Complaints & Discipline
- Complaints – formal process
- Discipline if incompetence or – very formal tribunal, lawyers etal
-

Canada

- Association of Canada Lands Surveyors ACLS, designation CLS
- Licenced
- Provincial Groups
- Annual Dues\$1,000 CDN
- Similar Peer review process

Michigan

State of Michigan

Michigan Society of Professional Surveyors

We are the only people who provide opinions on the location of property boundaries

Surveyors are surveyors

Topo surveys

Definition of Surveying

Where is Ontario?

Where is Canada?

What are Canada Lands? British North America Act = Canadian Constitution

- North of 60° YK, NW, NU, Offshore, Indian Reserves, National Parks, Canals etc

Where is Traverse City?

State of Michigan, County of Buckwheat

Lat & Long NAD 27 NAD 83

What is the elevation? CGVD28 CGVD2013

NSPS (National Society of Professional Surveyors) vs **PSC** (Professional Surveyors Canada)

CIG Canadian Institute of Geomatics

Township Systems in Ontario

- Single Front
- Front and Rear
- Double Front
- 1000 acre sectional
- 2400 ac Sectional
- 640 ac Sectional (Lots and Concessions)
- 1200 ac sectional
- DLS 640 ac sectiona,l sections & ¼ sections
- OLS 640 ac sectiona,l sections & ¼ sections

Aliquot Parts of Lots or sections

By area

By frontage and depth

E ½ not necessarily E 320 ac – depends on wording in first severance

Subsequent sales – cannot sell what do not own.

Significant dates (we may or may not share)

1492

1615

1763

1812

WW1

WW2

1976

How does NAFTA affect surveying?

How Michigan PLS's can become OLS, CLS?

Min Education Requirement Bachelor's degree in Surveying Geomatics Engineerion

Out of Province, but within Canada,- Labour Mobility

Types of Survey Plans

- Surveyor's Real Property Report (SRPR)
- Reference Plan (R Plan)
- Plan of Subdivision (M Plan)
- Condominium Plan

Land Registry Systems

- Ontario
- Land Registry = Deed system
- Priority of Registration
- Many metes and bounds descriptions
- Converted to Land Titles

Legal Descriptions

POC, (Known to the Land Registry office) POB, Bearings and Distances Clockwise, must close

Same rules for priority

- Monuments
- Adjoiners
- Distances
- Bearings
- Areas

Riparian Boundaries ???

PPP Precise Point Positioning