Calvada Surveying, Inc is Offering Residential Property Survey by Dahlia Lugo

Article published on April 11th 2012 | Business

Land surveying is a technique in which professionals look at land and identify accurately the three dimensional positions of points and the distances between them. This is often used in order to calculate the data needed for maps, and in order to set boundaries of ownership. It can also be used for general mapping. A land survey is primarily required in almost every form of construction. Professional land surveyors retrace the legal description from the documents belonging to the subject property. They locate the actual reference documentation and verify its present position.

Land surveys can be classified as either geodetic surveys or plane surveys. In geodetic surveys, extremely accurate positions are considered and it usually covers large geographical regions. It needs the curvature of the earth along with some additional land survey techniques such as triangulation, trilateration as well as astronomical direction fixing. In real terms, land surveys are used to study and determine the land surface, shape and features. It eventually provides a comprehensive and deep description of the land characteristics including: vegetation cover and elevations etc. mentioned in maps.

Nowadays, professional land surveying companies make use of the latest 3D laser scanning technique which provides quick and accurate 3D built drawings. This feature also attracts many clients towards these companies because it helps them save countless money and hours which they would have wasted on deciding the layout on papers with the help of some architect. The 3D scanning service is a powerful technology that digitally captures the shape of physical objects with the help of a laser light and thereby captures the exact shape and dimension of the object and generates an accurate 3D image of the object on the computer. The 3d image is then passed through 3d scanners that produce a high resolution image of the object. This high resolution image data contains every smallest deviation, which is required by engineers and architects.

There are a number of land surveying firms that offer high-tech land surveying services to their customers. These companies are the leaders in professional land surveying providing services including ALTA Surveys, ACSM Surveys, 3d Surveying and 3D High Definition Land Surveying services. These land surveying firms provide their clients with quick turn-around and highly detailed land surveys and ensure about the quality and timeliness of the project. Such companies are the best land surveyors for real estate, development, engineering, environmental and telecommunication industry.

Article Source:
http://www.articleside.com/business-articles/calvada-surveying-inc-is-offering-residential-property-survey.htm - Article Side

Dahlia Lugo - About Author:
Armando Dupont, a professional land surveyor started his career in surveying in 1977 and has extensive experience in managing personnel and projects. His experience includes: a topographic surveys, a 3d laser scanning, construction and control surveying, preparation of tract and parcel maps, earth work calculation and quantities, targeting and control for photogrammetry, and land title surveys in accordance with the American Land Title Association and the American Congress on Surveying and Mapping. Mr. DuPont founded Calvada Surveying in 1989 and is a licensed Professional Land Surveyor in the State of California.

Article Keywords:
3d laser scanning, 3d Laser Scanning Services, ACSM Land Title Survey

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!