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Feature surveying is concerned with the surveys of spatial location of points that are found on the earth's surface. This art measures both vertical and horizontal distances between objects with the aim of determining the directions of such lengthy lines. Besides that, the contours on the surfaces, as well as the direction of boundary lines are assessed in detail and later, the information is used in preparing the maps. In city planning, the feature surveying comes in handy as it uses specific equipment and the planning for the erection of structures is done in an environmental friendly manner. The site's look is also magnificent even as it comes with style.

The common tools used by the surveyors in their work include but not limited to; the global positioning system, total stations, computers, computer aided design and compasses. There is the use of the latest technology in the surveying work where data is obtained and the information is compiled before creating of maps. After engagement in the stable site control, the surveyor will go ahead and perform a 3-dimensional site measurement; he will process the collected data and later present it in a standardized digital format. The digitized data is important as it is accurate, free of errors and there will always be a place to roll back to in case of losses or when need for reference arises.

Feature surveying can come in different forms which include construction surveying, land surveying and geodetic surveying. Geodetic surveying helps in measuring the size and shape of the earth. It is great for larger areas or lengthy lines, and it finds precise points in a given area. Since earth is spherical, geodetic surveying gives allowances for the curvatures when the measurements are being taken.

The construction surveying on the other hand is concerned with construction projects and it obtains data which is used for estimation, location, planning and laying out of the intended structures. Steel tape and engineer's levels are the most commonly used levels here. The engineer's level includes the use of telescopic tubes which assist in setting cross-hairs on the images that one can view. The steel tape is concerned with measurement of distances but the accuracy is not a necessity. Hydrographic surveying is the scientific procedure for mapping the bodies of water. Typically, it involves collection of data, analysis of the any physical conditions, flow of the water and boundaries of the water bodies.

If one is interested in construction work, then it is prudent to seek the service of qualified surveyor as this will help to avoid any boundary problems in the future. The surveyor will take all details concerned with the boundary and because of this; it is rare to land into disputes. It is easy to search for certified surveyors through the power of internet. You can visit the referral sections to collect contact information of such people. One should call them for assurance that the surveyor is indeed providing the best services as he claims to be. On the websites, you can also seek to know their charges so that you can work with a surveyor whose costs are within your budget.

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