



Sam Ward, P.L.S. Project Surveyor



Sam Ward, L.S.I.T. has over thirteen years of experience in the fields of land surveying, engineering surveying, and construction staking. He was a full time employee with the firm of Eastside Consultants for two years prior to joining **Encompass Engineering & Surveying** in 2005 with both of those years as a Party Chief. Prior to Eastside Consultants, Mr. Ward worked as a Party Chief for Blume Surveying in Chehalis, Washington. Since working for **Encompass**, he now manages his own crew and all of the field crew scheduling.

In his position with **Encompass**, Mr. Ward is responsible for field crew work set up, property boundary surveys, construction staking, GPS data collection, and surveying for engineering design throughout Eastern Washington. He is very proficient in using Global Positioning Systems (GPS), traditional, and robotic surveying equipment. His recent involvement includes nearly all boundary surveys completed in Upper Kittitas County by **Encompass** while working closely with local builders and land developers throughout the pre-construction and construction phases of their projects.

Representative Project Examples

Microsoft/Yahoo Vantage Data Centers (Grant County) – Managed construction staking for over 200 acres of underground utilities, detention ponds, access road, buildings and topographic surveying for site plan preparation.

Teanaway Solar Reserve (Kittitas County) – Performed a boundary survey for 477 acres using GPS and conventional methods. Marked clearing area for installation of largest solar energy reserve in North America. Staking all access roads for 982 acre site once Phase I is complete.

Boundary Surveys of Municipal Owned Land (Kittitas County) – Boundary surveys of multiple City owned properties.

Canyon Road Reconstruction (Kittitas County) – Performed construction staking services for the purpose of reconstructing Canyon Road for Kittitas County Public Works Department. Project included topography, vertical and horizontal alignment verification, and requested construction stakes.

City Heights Master Planned Community (Cle Elum) – Field survey the boundary of 7 parcels and 358 acres. Locate significant site improvements, BPA towers, delineate wetland flags, and establish horizontal and vertical survey control.

Newport Property (Kittitas County) – Performed field boundary and topography of 200+ acres of mountainous terrain for future residential use. Located existing roads for design purposes and easements. Verified boundary corners and staked all developed lot corners for final plat approval.

Timber Cove (Kittitas County) – Performed a field location of site utilities including septic drain field, power, phone, water, and irrigation for purposes of creating a utility easement survey on 80 acres of land. Verified road grades and horizontal curvature.

Little Creek Ranches (Kittitas County) – Verified property boundary and site improvements. Determined location of KRD canal relative to the site and future road extension. Established horizontal and vertical control.

Forest Ridge (Kittitas County) – Performed boundary survey and topography for site design purposes. Performed construction staking services for major road and utility construction. Verified horizontal and vertical alignments in order to meet Kittitas County Road Standards.

Tillman Property (Kittitas County) – Verified property boundary on 300 acres of mountainous terrain. Performed a Field location of well sites and future roadways for design purposes. Staked all developed lot corners for final plat and short plat approval.

Bowers Field Airport and Industrial Park (Ellensburg) – Comprehensive boundary and topographic surveying for utility and street design purposes.

Sanders Mill, Phases I – IX (Ellensburg) - Comprehensive boundary and topographic surveying for residential development subdivision and design. Construction staking was also provided.

Education

B.S., 2003, Geology, Washington State University

Registration

P.L.S., 2015, State of Washington