



MILLWARD HOUSING PROJECT
Teton County, WY



SAGE MEADOWS HOUSING PROJECT
Teton County, WY



LOVE RIDGE CONDOMINIUMS
Jackson, WY



**WILSON PARK PLANNED RESIDENTIAL
DEVELOPMENT**
Wilson, WY

Site civil engineering requires an awareness of the needs and desires of the client(s), a full knowledge of the particulars of the site, and the ability to work cooperatively and effectively with other design professionals. It also requires a complete understanding of regulatory approval and permitting processes, as well as the patience, public presentation ability, and interpersonal skills to shepherd a project through those processes.

Nelson Engineering has the engineering, surveying, construction contract administration, and inspection and testing experience, staff, and resources necessary to successfully perform site civil engineering on a wide variety of project types. Four housing-related site civil engineering projects with which Nelson Engineering was associated are described below:

Millward Housing Project—This project is an affordable/attainable housing project located in the unincorporated reaches of Teton County, Wyoming. Through careful planning and design, it was able to make use of available water, sanitary sewer, and electrical infrastructure, minimize roadway-related infrastructure, and provide a neighborhood that serves a variety of occupant types (e.g., individuals, couples, and families with children).

Sage Meadows Housing Project—This project is also an affordable/attainable housing project located in the unincorporated reaches of Teton County, Wyoming. Again, through careful planning and design, it was able to make use of available water, sanitary sewer, and electrical infrastructure, minimize roadway-related infrastructure, and provide a neighborhood that serves a variety of occupant types (e.g., individuals, couples, and families with children).

Love Ridge Condominiums—This development is situated in Snow King Resort in Jackson, Wyoming, and serves a summer and winter resort clientele. Careful attention to the needs of that clientele informed the site civil engineering design criteria that shaped the project.

Wilson Park Planned Residential Development—Nelson Engineering led a multi-disciplinary team made up of representatives of four different consulting firms that produced a plan for affordable and market-rate housing on three parcels of land in downtown Wilson, Wyoming. One of the parcels was partially occupied by the Old Wilson School, a local icon that was to be retained, and enhanced, if possible, in its current role as a community center, the second parcel was, by deed restriction, reserved for school district employee housing, and the third parcel was in the hands of a private sector developer who desired to produce primarily market-rate housing. The resulting plan (and subsequent development) respected the existing community fabric in terms of street pattern (grid), lotting patterns and sizes, resident profile, and architecture. In addition, it made effective use of existing sanitary sewer infrastructure.