

POST & BEAM FOUNDATIONS – CREEK BED



WATER WASTE RESOURCES

DATE

June, 2019

VALUE

Confidential

LOCATION

Southern Alberta

CLIENT

Bar 15 Ranch

OPPORTUNITY

Bar 15 Ranch was encountering issues finding an economical foundation solution for a barn and gate project due to its proposed location near a creek bed. The high-water table and pit run caused structural and installation issues in the past.

SOLUTION

Engineering Approach

- Screwco fabricated extended ground screws to withstand the frost in the project area
- The low-profile flighting of the installed ground screws minimized installation delays from the layers of uncrushed gravel.

Cost Optimization

- A dual pile layout was used for the oversized gate, minimizing cost for the client.

Equipment

- Screwco's track, mast guided rig(s) and laser level(s) installed piles well within acceptable height tolerances of 2.0%

RESULT

Screwco was able to complete the project on time with no safety or environmental incidents.

Screwco is an innovative piling solutions provider – we take care of everything below the ground leaving nothing but a solid foundation. Our installation versatility provides cost effective solutions minimizing our impact and maximizing returns for customers and partners in oil and gas, solar, industrial, government and the community.

GET STARTED TODAY: 1-833-727-3926 | screwco.ca



Foundation Solutions

