

Hunters Hill

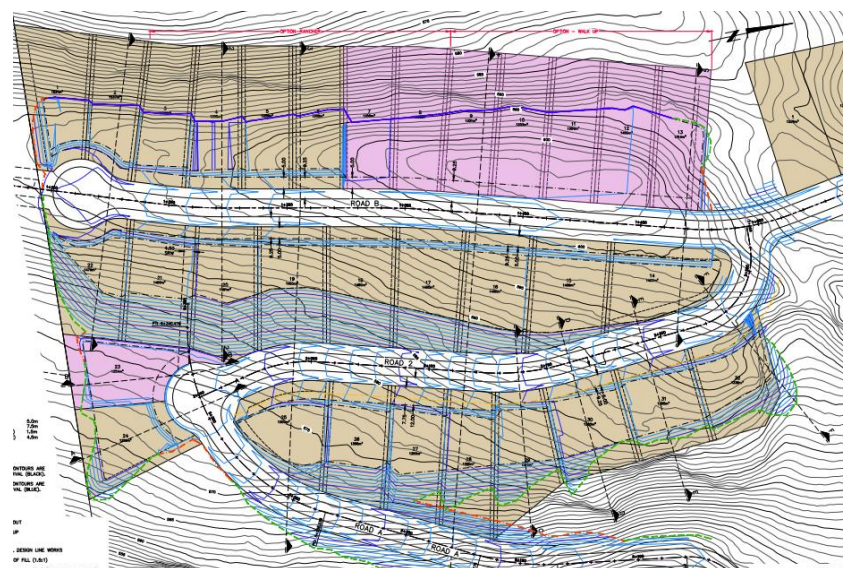
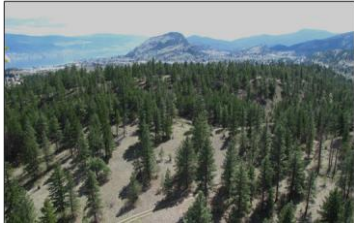
Single Family Residential Development

The Hunters Hill project is a 141 single family lot subdivision located in Summerland B.C.

The site posed several significant design challenges to address environmental concerns and the desire to protect as many as possible, existing trees.

CTQ provided Storm Water Design, Water Distribution Design, Sanitary Design, Road Grading and Lot layout.

Important components of this project included two potable water booster stations, a potable water reservoir, sanitary lift station, three storm detention ponds, and hillside development road design and grading.



ENGINEERING

Client
Hunters Hill Holdings

Services
Planning, Engineering,
Contract Administration

Year
2013 - Present

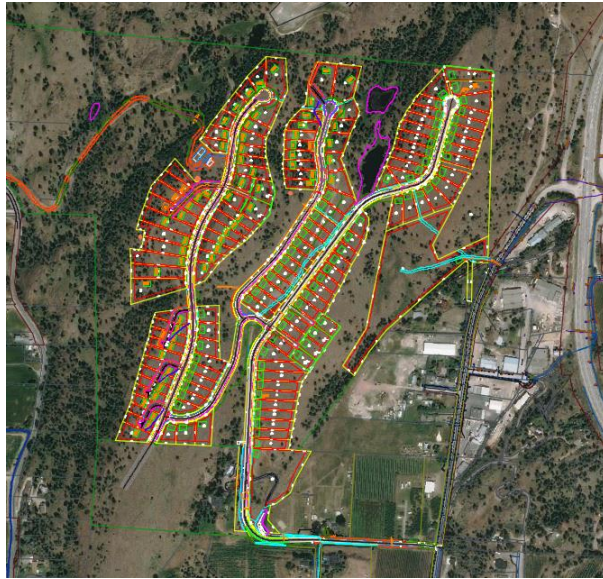
CTQ
ENGINEERING PLANNING URBAN DESIGN
13041-10

Hunters Hill

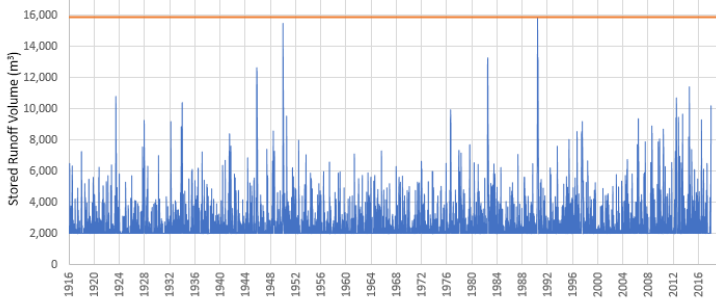
Single Family Residential Development

- Water
- Sanitary
- Storm
- Road
- Services

The Hunters Hill project is located in Summerland B.C. and is a 141 single family lot subdivision. This project required many of CTQ's services such as Storm Water Design, Water Distribution Design, Sanitary Design, Road Grading and lot layout, and posed several challenges with environmental concerns and protected trees. Special components of this project are 2 potable water booster stations, a potable water reservoir, sanitary lift station, 3 storm detention ponds, and hillside development road design and grading.

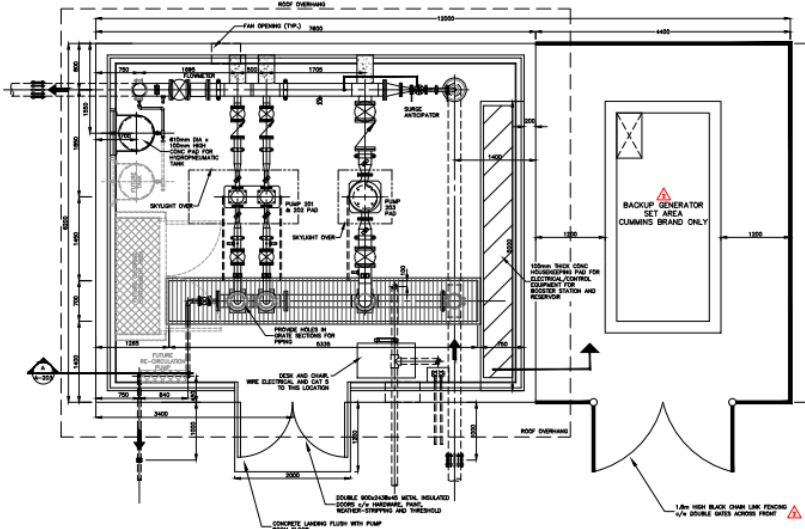
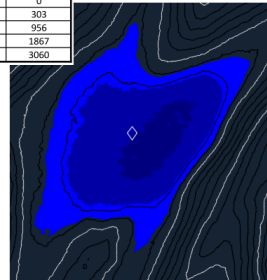


Combined Ponds: Post-Development
(R = 0.600; Avg Annual Evaporation = 918 mm)



Name	Type	Cut Factor	FH Factor	2d Area (sq.m)	Cut (Cu. M.)	FH (Cu. M.)	Net (Cu. M.)
POND 1A	full	0.0	1.0	6598.44	0.00*	3200.70	3200.70*

Pond 1A	
Elevation (m)	Volume (m3)
541.70	0
542.20	303
542.70	956
543.20	1867
543.70	3060



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