

Mountainside Retaining Wall for Housing Development Turtle Mountain Vernon, BC

Matcon Construction
Fletcher Paine
Engineering

Location:
Vernon, BC

Material:
E'GRID 50R
E'GRID 65R
E'GRID 90R
E'GRID 130R
GSE Hypernet
LP6 Non-Woven
Geotextile



Turtle Mountain is undergoing an extreme facelift. As the housing market continues to flourish, new housing developments continue to expand to sites that were previously overlooked. This trend is illustrated in mountainside developments that require high levels of engineering and specialized reinforcement products to ensure stability both now, and for years to come.

Matcon Construction of Kelowna, BC is the primary contractor on all phases of this development, and was tasked with building numerous retaining walls to accommodate residential roads, and the eventual lots where houses will be built.

“Working with Layfield has been great! They have completely taken the worry out of things for us. And on a job this big, that’s pretty important.”

- Tod Simons, Matcon

While working with the engineer, Matcon contacted Layfield about the use of varying E'GRID High Density Polyethylene grids in each retaining wall, as well as the use of a Geocomposite Drain. Delivery times, price, and equivalencies were key to Matcon and the engineer - Fletcher Paine.

Layfield was able to offer varying amounts of grid to the customer at different times, according to their schedule. By working with Matcon to better understand lead times, and the pace of construction Layfield delivered products, including full container loads, in



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convenient quantities at convenient times. Layfield was also able to recommend installation methods in conjunction with both Matcon and Fletcher Paine.

With phase one of four almost complete, Layfield, Matcon and Fletcher Paine are looking forward to completing the additional phases in order to build Turtle Mountain into the housing development that many residents will wish to relocate to.



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