



## CHECKMATE PROJECT PROFILE

# FALCONRIDGE ESTATES

### FEATURE

PROJECT: Falconridge Estates  
OWNER: Columbia National Investments  
PRODUCT: RigidGrid UX8oPP  
CONTRACTOR: Columbia National Investments  
GEOTECHNICAL: GeoPacific Consultants

## CHALLENGE:

Columbia National had a massive undertaking to convert a steeply sloped site on the side of Sumas Mountain into single family lots. They had to blast solid rock from the upper portion of the project and were able to use it for rock stack walls in the lower section. The blasted rock needed a structural component behind it to support the infill soil.

## SOLUTION:

Checkmate's RigidGrid UX8oPP was used at 24" intervals and had an embedment length that was 80% of wall height. The geogrid was used to support the infill soil behind the rock stack walls. RigidGrid UX resists on site damage by heavy equipment and by the rocks themselves while they are being placed on the geogrid. The large aperture size allows for variations in rock elevations to maintain the maximum surface contact with the rock wall. Checkmate's RigidGrid UX was the right solution, under original budgets and was delivered to the site within hours of being ordered. Checkmate maintains large inventories to make sure that contractors get the product they need when they need it.



**CHECKMATE**  
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