

## Glen Dhu Wind Farm Arch Bridge Culvert

Shear Wind Inc.



### Brief Project Description:

Mitchelmore Engineering Company (Meco) was retained by Shear Wind Inc. to design a footing for a bridge culvert as part of the access roads for the development of thirty (30) wind turbines. Design included sizing the hydraulic opening under the bridge culvert. A Terra Denag 660 ton crane and 1700 mm of overburden soil was used for the design loads of the footing. The deliverable was a set of construction drawings showing the layout and details.

### Meco's Services include:

- Designed the footing base on current code.
- Produced construction drawings
- Provided quality control on the site.