

2DEGREES CELL SITE PLANNING AND DESIGN

2008 - 2009

Two Degrees Mobile Limited (formally known as NZ Communications) was a new entrant to New Zealand's mobile market when Pulse Networks first began working for them. They had to build a new network as quick as possible to meet both customer and revenue targets in a competitive market.

Pulse Networks was asked to tender for planning and design work and was successful against some of the larger multi-disciplined consultancies. Our "point of difference" being our wide knowledge of Telecommunications technologies.

Pulse Networks produced both Planning and Construction drawings by utilising its own in-house resources as well as sub-contract resource from survey, structural engineering and RMA. A team approach and management avoided multiple site visits and maximised data capture and information sharing to produce drawings in the shortest amount of time.

The planning and design process involved:

- Site Survey and Documentation
- RMA Consents
- Geotechnical & Geographical Survey
- Structural Engineering
- Electrical Design
- Drafting (CAD)
- Construction Supervision
- As Building

RF Design was carried out by 2Degrees Engineers.

Comment passed on to Pulse Networks from client:

"... first drawing I have seen from Pulse and the quality of the drawing was fantastic. Little things that were included on the plans including the surrounding sites, facilities on these sites (and their elevations), vegetation, existing telecommunications facilities on neighbouring sites, the heights and distances of these existing facilities from the proposed NZCL site and having buildings and vegetation included in the elevations made writing the report very easy for us" - Environmental Planner

