1. All dimensions in millimetres unless noted otherwise.

2. Design Loads: Live load = 0.8 kN/m point load.

3. Timber poles shall be fabricated from new or reclaimed power poles.
   All poles shall be pressure impregnated treated with ACQ timber preservative in accordance with the requirements of AS3818.11 section 5.
   The preservative penetration shall be in accordance with the requirements for hazard class H5 specified in AS1604.1 clause 8.2.
   The ACQ formulation shall be in accordance with the requirements of AS1604.1 table B2.

4. The contractor is to monitor the handling of ACQ treated poles to ensure the outer treated surface is not damaged. ACQ poles that have surface damage must be treated to restore the termite barrier.
   Exposed areas on the ACQ treated poles shall be treated by hand painting with a preservative surface treatment compound (Copper naphthenate oil – CN timber oil).

5. Timber poles to be backfilled with compacted stabilised sand or no fines concrete (6 gravel:1 cement) after placement in ground.

6. Steel bolts shall be hot dipped galvanised in accordance with AS4680 u.r.o.
7. Bolts nuts and washers shall be hot dipped galvanised in accordance with AS1214 u.r.o.

8. Damaged galvanised surfaces shall be repaired with a suitable two pack organic zinc rich primer.

9. Contractor to engage RPEQ geotechnical engineer to verify assumed allowable bearing pressure of soil and provide design for the appropriate anchor (e.g. screw, ground lag, concrete, etc.) for stay cables.

10. Stainless steel components shall be grade 316SS u.r.o.

11. Contact between stainless steel and galvanised elements should be avoided to reduce potential intermetallic corrosion from dissimilar metals in contact.

12. Terminal ends of steel cable to have heliformed line fitting to match capacity of cable.

13. Requirement for guardrail at proposed pole location to be investigated during the detailed design.