DESIGNATIONS

TPR – Transpower New Zealand Ltd

Gore Substation	
Designation unique identifier	TPR-1
Designation purpose	Electricity substation and associated ancillary *infrastructure*
Site identifier	162 and 174 Charlton Road, Gore. Legally described as Lot 1 DP 2327 (138386), Lots 1 and 6 DP 11885 (SL8D/123 and SL8D/128 respectively) Block IX, Waimumu Hundred
Lapse date	Given effect to (no lapse date)
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	1. All new substation equipment be located at least 10 metres from the property *boundary*. 2. All other new *structures* and *buildings* (excluding *transmission line* support structures, conductors and all *fencing*) have a *setback* from the property *boundary* at least equal to the *height* of the *building*.
Additional Information	Nil

Gore Tee	
Designation unique identifier	TPR-2
Designation purpose	*Transmission line*
Site identifier	Various Addresses Lots 2 and 3 DP 11793 (SL8B/36) Lot 2 DP 308123 and Lot 1 DP 15356 (31568) Lot 42 DP 8 (SL6B/1229); and Road, Parcel ID 3296268
Lapse date	Given effect to (no lapse date)

Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	1. General The works to give effect to the designation must be generally in accordance with the plans and information submitted by Transpower New Zealand Limited contained in the Notice of Requirement for a Designation Gore Hard Tee 220kV Transmission Line Project dated February 2013 and its appendices. 2. Pole *Heights* and Locations Any alteration to the *heights* or locations of the poles must be identified in the Outline Plan which will be submitted to the Council. A visual impact assessment will accompany the Outline Plan to confirm that the *effects* of the changes are the "same", "similar" or "less" than what is proposed in the Notice of Requirement for a Designation dated February 2013 and its appendices. Where this cannot be demonstrated in the visual assessment, the amended locations or *heights* will be subject to an alteration to the designation under Section 181 of the Resource Management Act 1991. 3. Surface Finish of Poles All poles must be surfaced in a dull or non-reflective finish prior to placement on *site*. 4. Electric and Magnetic Fields (EMF) The *transmission line* must comply with the limits to EMF exposure set out in the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998 74(4): 494– 552) (ICNIRP Guidelines) public reference levels of 5kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground under maximum normal operating conditions (i.e. when there are no faults in the transmission system). 5. Radio Frequency Interference The *transmission line* must comply with NZS 6869:2004 Limits & Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.
Additional Information	Nil