

NOTICE OF DESIGNATION ROLLOVERS

The modifications are set out in the attached table; details to be added are shown as underlined and those to be deleted are shown as ~~strikethrough~~.

MainPower New Zealand Ltd Oxford Zone Substation	
Designation unique identifier	D048
Designation purpose	Electricity substation
Site identifier	56 Burnett Street, Oxford, Lot 2 DP 41153, 1609m ²
Lapse date	Has been given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	Nil
Additional Information	Map Reference 96/97, underlying zone: Residential 2

Conditions

MainPower New Zealand Ltd Cust Zone Substation	
Designation unique identifier	D049
Designation purpose	Electricity substation
Site identifier	1546 Cust Road, Cust, RS 39157 Blk VII Mairaki SD, 1022m ²
Lapse date	Has been given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	Nil
Additional Information	Map Reference: 87, Underlying zone: Residential 3
Conditions	

MainPower New Zealand Ltd Rangiora North Zone Substation	
Designation unique identifier	D050
Designation purpose	Electricity substation
Site identifier	84 <u>140</u> River Road, Rangiora, Pt Lot 27 Ashley Reserve Blk VI Rangiora SD, 503m ²
Lapse date	Has been given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	Nil
Additional Information	Map Reference: 110, Underlying zone: Rural
Conditions	

MainPower New Zealand Ltd Southbrook Zone Substation	
Designation unique identifier	D051
Designation purpose	Electricity substation
Site identifier	373 Flaxton Road, Southbrook, Pt Lot 1 DP 4267 Blk X Rangiora SD, 1178m ² (leased area)
Lapse date	Has been given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	Nil
Additional Information	Map Reference: 118, Underlying zone: Business 2
Conditions	

MainPower New Zealand Ltd Kaiapoi Zone Substation	
Designation unique identifier	D053
Designation purpose	Electricity substation
Site identifier	289A Island Road, Kaiapoi, Pt Lot 1 DP58168, 302m ²
Lapse date	Has been given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	Nil
Additional Information	Map Reference: 104, Underlying zone: Rural
Conditions	

MainPower New Zealand Ltd Swannanoa Zone Substation	
Designation unique identifier	D053A
Designation purpose	Electricity substation
Site identifier	959_Corner Tram Road and Two Chain Road, Pt Lot 1 DP 368220, 0.6200ha
Lapse date	Has been given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	Yes Appendix 35.3
Additional Information	Map Reference: 56/90, Underlying zone: Rural

Conditions

Appendix 35.3 Conditions:

1. Measurements:

1.1 The following measurements shall not be exceeded at the boundary of the site:

- a. A magnetic field measurement of 100 micro tesla.
- b. An electric field measurement of 5000 v/m.

1.2 Measurements of magnetic and electrical fields shall be taken:

- a. Using appropriately calibrated equipment, and
- b. One metre above ground level, and
- c. At a point on each boundary of the substation site.

The electrical load on the substation at the time measurements are taken shall be recorded, as shall the positions of measurement.

1.3 Measurements of magnetic and electrical fields shall be taken by an appropriately qualified and experienced person from an

independent organisation.

- 1.4 Measurements shall be taken at the time of commissioning of the substation.
2. Structures, excluding overhead lines and their support structures, shall not cover more than 10% of the site.
3. The maximum floor space of any building shall be 200 m².
4. The maximum continual building length shall be 30 metres.

Note: Notwithstanding any definition in the Plan, for the purposes of this designation the following definition will apply:

Building shall mean a fixed structure forming an enclosure and providing protection from the elements.
For the purposes of condition 2:

The area of a "Structure" shall be measured as the total ground area covered by a building or structure, but shall not include landscaped areas, open sealed or unsealed outdoor areas, car parking areas, drainage systems, underground lines, underground earthing grids, fences or land covered by overhead lines and their support structures.

For the purpose of conditions 3 and 4:

- a. Floorspace of buildings shall be measured to the inside of the exterior walls of a building. The floorspace of a structure shall be measured as the total ground area covered by a structure, but shall not include landscaped areas, open sealed or unsealed outdoor areas, car parking areas, drainage systems, underground lines, underground earthing grids, fences or land covered by overhead lines and their support structures.
- b. Buildings or structures connected by underground or overhead lines shall be deemed to be separate buildings or structures.

- 5 Buildings, excluding lines and their support structures, shall not exceed 6 m in height.
- 6 Buildings, excluding fencing, shall be set back a minimum of 10 m from the road and internal site boundaries.
- ~~7 Landscaping shall be undertaken in general accordance with the attached approved landscape plan prepared by Earthworks Landscape Architecture~~

~~(reference E04125 dated November 2004 – marked “C”).~~

~~8 — Landscaping shall be carried out and completed prior to construction of the substation.~~

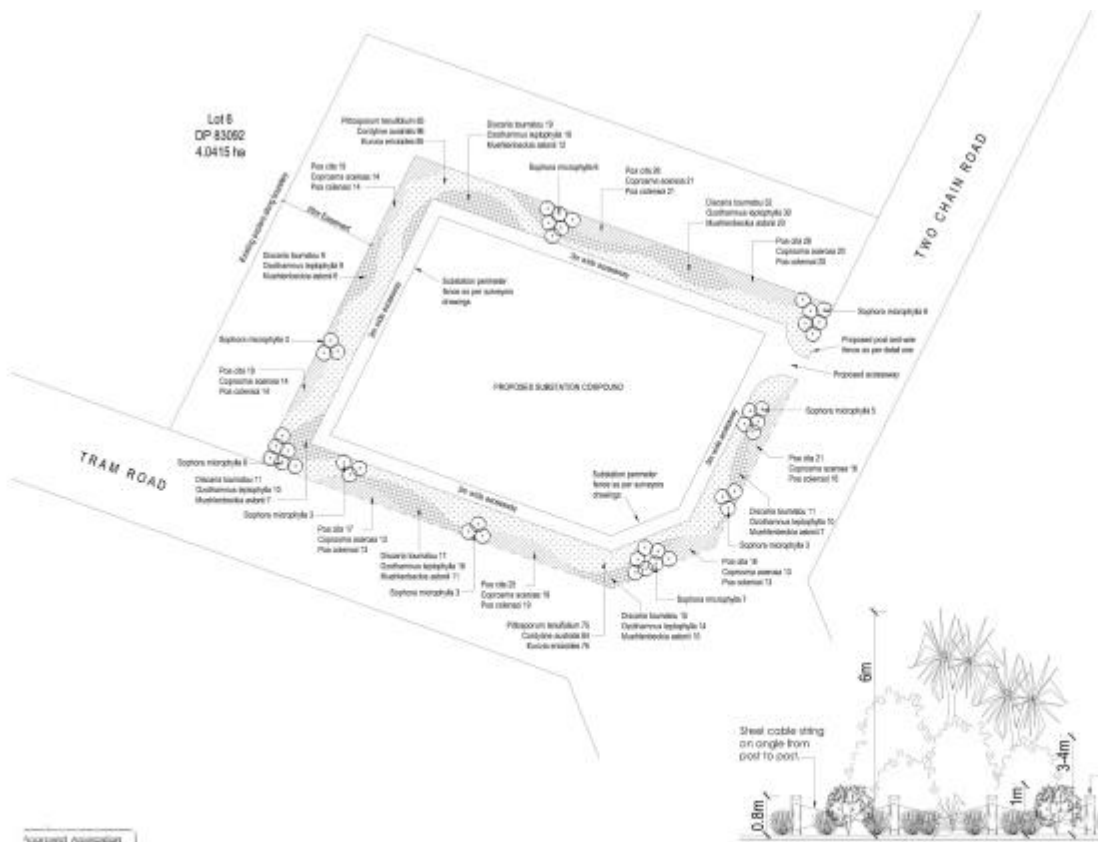
9 Maintenance of the landscaping will be carried out in accordance with the attached approved earthworks landscape architecture maintenance plan attached and marked with the letter “D”.

10 Any dead, dying or diseased plants shall be replaced immediately.

11 All transformer noise shall not exceed a measured level of 40 dBAL10 at any boundary of the site. All measurements shall be undertaken in accordance with NZS 6801:1991 “Measurement of Sound”.

12 That compliance with the above conditions may be verified by inspection by a Council officer pursuant to Section 35(2)(d) of the Resource Management Act 1991. The consent holder shall pay to the Council charges pursuant to Section 36(1)(c) of the Resource Management Act 1991 to enable the Council to recover its actual and reasonable costs in carrying out the inspections.

“C”

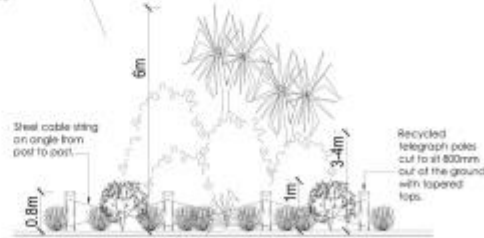


PLANT LIST

PLANT	TOTAL	SPACING
Dioscorea bulbifera	114	1.5
Cestrum diurnum	151	1.2
Muehlenbeckia axillaris	73	1.2
Poa ciliata	173	1.8
Carpinus acuminata	130	1.8
Poa ciliata	130	1.2
Ptilotheca taurica	180	1.5
Corydalis aurea	180	1.8
Kunzea ericoides	180	1.5
Scaevola microphylla	42	Shown

NOTES

Where there are existing plants along the proposed planting boundaries, the plants should be left until the native or other planting is established before they are removed. Accessway around the substation compound's boundary is to be shingle chip to allow for ease of access and low maintenance. Plants are to be planted at the spacings shown on the plant list.



INCLUDES PLANTING AND PROTECTIVE OF EXISTING PLANTS AND TREES. EXISTING PLANTS AND TREES TO BE MAINTAINED AND PROTECTED. ALL PLANTS TO BE PLANTED AND MAINTAINED IN ACCORDANCE WITH THE PROJECT'S LANDSCAPE PLAN.



Approved Approval
Plan APPROVED, REVISED, REVISION

MAINPOWER NEW ZEALAND LIMITED
PROPOSED SUBSTATION LANDSCAPE PROPOSAL
CORNER OF TWO CHAIN ROAD & TRAM ROAD

SCALE: 1:500
DATE: 20/04/2014
DRAWN: PLS
REVISED: PLS
NO. 1001

“D”
Proposed Maintenance Plan
Weed Suppression

1. Weed control shall be frequent enough to prevent weed species flowering and seeding. Weed coverage shall not exceed 2.5% of any 10m2 of mulched area. Weed growth shall not exceed 100mm in height or spread.

2. During these inspections the contractor shall carry out weed control in the form of hand weeding and/or herbicide application.
3. Any hand removed weeds shall be removed off site and disposed of at an official refuse location.
4. The contractor shall adhere with NZS 8409 "Code of Practice for the Management of Agrichemicals".
5. The Contractor shall ensure that no pollution of any watercourse or water supply occurs during spraying operations and shall be held responsible for any such pollution. The Contractor shall make good any damage caused by pollution, drift or excessive rates of application and shall be held responsible for any claims for compensation arising from their actions or omissions.

Mulch

- ~~1. Spraying with pre emergent herbicides shall occur after planting and before mulching. The topsoil surface shall be smooth, uniform and lightly consolidated prior to spraying. If the ground is dry, a thorough watering shall be carried out before spraying.~~
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- ~~2. The Contractor shall adhere with NZS 8409 "Code of Practice for Management of Agrichemicals".~~
-
- ~~3. The Contractor shall ensure that no pollution of any watercourse or water supply occurs during spraying operations and shall be held responsible for any such pollution. The Contractor shall make good any damage caused by pollution, drift or excessive rates of application and shall be held responsible for any claims for compensation arising from their action or omissions.~~
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- ~~4. The mulch is to be 'Bark' mulch, which is primarily derived from bark and as such shall not have more than 25% wood chips.~~
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- ~~5. The mulch shall be fine grade, where particle size split is 60% 10mm and 40% 11-40mm.~~
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- ~~6. The inorganic component of bark mulch shall not exceed 1.0% and wood chip component shall not exceed 25%.~~
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- ~~7. The surface of the mulch shall be flush with or no more than 25mm below the surrounding ground surface, kerb, path or other formed surface and~~

~~— shall be even and free of hollows.~~

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~~8. Mulch shall not touch the stems of plants. A small circle shall be cleared (diameter of 50mm minimum) around the stem to avoid stem rot.~~

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~~9. Unless specified otherwise mulch shall be placed to 100mm depth and maintained to a minimum consolidated depth of 75mm for planting beds and tree pits.~~

~~10. Topsoil shall not be mixed into the mulch during placement, planting or weeding.~~

Fertilising

~~1. Each plant hole shall have 'Osmocote Exact — standard' fertilizer added.~~

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~~2. The fertilizer shall be thoroughly mixed with the soil in the base of the planting hole, prior to planting.~~

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~~3. Apply quantities as recommended by the manufacturer.~~

Irrigation

~~1. The Contractor shall ensure to thoroughly water all plants on the day of planting.~~

2. The Contractor shall provide sufficient ongoing watering to all trees and planting to maintain plants in a healthy condition.

3. This may require weekly watering during dry periods.

MainPower New Zealand Ltd Burnt Hill Zone Substation	
Designation unique identifier	D053B
Designation purpose	Electricity substation
Site identifier	474 Domain Road, <u>Lot 1 DP 460167, 0.8ha</u>
Lapse date	Has been given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	Yes Appendix 35.5
Additional Information	Map Reference: 40, Underlying zone: Rural

Conditions

Appendix 35.5 Conditions:

1. The structure coverage excluding overhead lines and their support structures, of the net area of the site shall not exceed 10%.
2. All buildings, apart from the site fencing, shall be set back a minimum of 10m from all road and internal site boundaries.
3. The maximum floor space of any building shall be 200m².
4. The maximum continual length for an individual building shall be 30 metres.
5. Buildings shall not exceed 6m in height, with the exception of:
 1. Overhead lines, antennas, floodlights and their support structures

2. Lightning towers
6. Activities carried out under the designation shall not exceed the following noise limits within measurement time intervals in the time-frames stated at any point within the notional boundary of any dwelling house in the Rural Zone.
 - a. Daytime: 7am to 7pm Monday to Saturday, and 9am to 7pm Sundays and Public Holidays: 55dBA L10.
 - b. Other times: 45dBA L10.
 - c. Daily 10pm to 7am the following day: 75dBA Lmax.
- ~~7. A minimum landscape strip of 7m shall be planted and maintained in general accordance with the attached approved landscape plan labelled Drawing Number 4145.~~

~~8. Access~~

- ~~8.1 Any access to the site shall be constructed a minimum of 60m from the intersection of Domain and South Eyre Road.~~
- ~~8.2 Accessways shall be formed and sealed to accord with Waimakariri District Councils Standard Drawing 600-217 (Issue D).~~

MainPower New Zealand Ltd Office, storage, maintenance depot, workshop and ancillary activities	
Designation unique identifier	D053C
Designation purpose	Office, storage, maintenance depot, workshop and ancillary activities
Site identifier	172 Fernside Road, Southbrook, Lot 4 DP 452593
Lapse date	Has been given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	Nil
Additional Information	Map Reference 119, underlying zone: Business 2
Conditions	

MainPower New Zealand Ltd Office, storage, maintenance depot, workshop and ancillary activities	
Designation unique identifier	D093
Designation purpose	Office, storage, maintenance depot, workshop and ancillary activities
Site identifier	172 Fernside Road, Southbrook
Lapse date	Has been given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	Nil
Additional Information	Map Reference 119, underlying zone: Business 2
Conditions	

MainPower New Zealand Ltd Bennetts Substation	
Designation unique identifier	D094
Designation purpose	Electricity Substation
Site identifier	3004 Tram Road, Oxford, Lot 1 DP 83469
Lapse date	Has been given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	Nil
Additional Information	Underlying zone: Rural

Conditions

Conditions:

Noise:

1. Activities carried out under the designation shall not exceed the following noise limits within measurement time intervals in the time-frames stated at any point within the notional boundary of any dwelling house in the Rural zone.
 - a. Daytime: 7am to 7pm Monday to Saturday, and 9am to 7pm Sundays and Public Holidays: 55dBA L₁₀
 - b. Other times: 45dBA L₁₀
 - c. Daily 10pm to 7am the following day 75dBAL_{max}

MainPower New Zealand Ltd Kaiapoi Substation	
Designation unique identifier	D095
Designation purpose	Electricity Substation
Site identifier	129 Raven Quay/176 Williams Street, Kaiapoi, Pt RS 297
Lapse date	Has been given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	Nil
Additional Information	Underlying zone: Residential 2

Conditions

Conditions:

Noise:

1. Activities carried out under the designation shall not exceed the following noise limits within measurement time intervals in the time-frames stated at any point within the notional boundary of any dwelling house in the Rural zone.
 - a. Daytime: 7am to 7pm Monday to Saturday, and 9am to 7pm Sundays and Public Holidays: 55dBA L₁₀
 - b. Other times: 45dBA L₁₀
 - c. Daily 10pm to 7am the following day 75dBAL_{max}

MainPower New Zealand Ltd Percival Substation	
Designation unique identifier	D096
Designation purpose	Electricity Substation
Site identifier	131B Percival Street, Lot 5 DP 12852
Lapse date	Has been given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	Nil
Additional Information	Underlying zone: Residential 2

Conditions

Conditions:

Noise:

1. Activities carried out under the designation shall not exceed the following noise limits within measurement time intervals in the time-frames stated at any point within the notional boundary of any dwelling house in the Rural zone.
 - a. Daytime: 7am to 7pm Monday to Saturday, and 9am to 7pm Sundays and Public Holidays: 55dBA L₁₀
 - b. Other times: 45dBA L₁₀
 - c. Daily 10pm to 7am the following day 75dBAL_{max}

