

APPENDIX G: OVERHEAD LINE SECTION : MANUKAU CITY COUNCIL

(Route Sections 1 – 3, Towers 6 – 33)

Route Specific Conditions

DESCRIPTION OF WORKS

- A. The designation applies to the following land: **[Legal descriptions to come.]**
- B. The designation is for the construction, operation and maintenance of that part of a 400kV-capable transmission line which is within the Manukau City, to convey electricity between the Brownhill Substation site and the Whakamaru and Whakamaru North Substations site in Taupo District, and ancillary activities.

CONDITIONS

Documents

1. Subject to the conditions below, the initial works to give effect to the designation shall be generally in accordance with the following plans and profiles (**Plans and Profiles**):
- (a) Final Centreline Plan & Profiles, Structures: BHL to 11, NIGUP-NOR, sheet 1/63, revision B (excluding tower 5);
 - (b) Final Centreline Plan & Profiles, Structures: 12 to 16A, NIGUP-NOR, sheet 2/63, revision B;
 - (c) Final Centreline Plan & Profiles, Structures: 16B to 23, NIGUP-NOR, sheet 3/63, revision B;
 - (d) Final Centreline Plan & Profiles, Structures: 23 to 29, NIGUP-NOR, sheet 4/63, revision B;
 - (e) Final Centreline Plan & Profiles, Structures: 29 to 34, NIGUP-NOR, sheet 5/63, revision B.

This condition shall not limit any future activities within the designated area provided that they are within the scope of the designation as set out in A and B above and all of the following conditions of this designation.

Tower heights and locations

2. Tower heights and locations shall be generally in accordance with the Plans and Profiles, except that:

- (a) subject to (b), (c), (d) and (e) below, tower height can exceed that shown on the Plans and Profiles by up to 3 metres;
- (b) where tower locations are moved (as provided in (f) and (g) below), Tower heights can exceed those in the Plans and Profiles by up to 5 metres;
- (c) any increase in the height of tower 9 shall not exceed the height limitations of the Auckland International Airport Obstacle Limitation Surface;
- (d) any increase in height of towers 14, 15, 16A and 16B shall not exceed the height limitations of the conical protection surface associated with Ardmore Airport;
- (e) no tower shall exceed 70 metres in height;
- (f) towers can move up to 5 metres laterally;
- (g) towers can move up to 40 metres along the alignment.

[insert all common overhead line conditions]

Archaeology: Known archaeological sites S11/1031

3. Before any works associated with the North Island Grid Upgrade Project are carried out near site S11/103, Transpower shall undertake the following:

- (a) Inform people felling the trees in the vicinity of site S11/1031 of the location of S11/103, and prohibit those people from felling trees onto the

site or driving any vehicles onto the site. Any trees in the immediate vicinity (up to 3m) of site S11/103 shall be cut off above the stumps and the stumps left in situ pending the further investigations in (b), (c) and if necessary (d) and (e) below, and all other trees to be felled shall be directionally felled away from the trench to prevent further damage.

- (b) Once site S11/103 is cleared of trees, it shall be cadastrally surveyed, and if practicable (recognising that there may be topographic difficulties) the location of tower 32 shall be designed to avoid Site S11/103.
- (c) As far as practicable and subject to (d) below, any access to tower 32 should be designed to avoid the site S11/103. The location of S11/1031 site shall be marked on all construction plans and be marked off during construction to avoid accidental damage.
- (d) Should it be necessary to damage part of S11/1031, then archaeological investigation shall occur prior to construction commencing.
- (e) All earthworks in relation to the construction of towers 29 to 32 and the access to them shall be archaeologically surveyed by a suitably qualified and experienced archaeologist (**project archaeologist**) prior to construction commencing.
- (f) All earthworks involving the removal of topsoil, shall be monitored during construction by a suitably qualified archaeologist.

Advice Note: *This condition shall be subject to any conditions of any archaeological authority granted under the Historic Places Act 1993.*

APPENDIX H: OVERHEAD LINE SECTION : FRANKLIN DISTRICT COUNCIL

(Route Sections 4 - 6, Towers 33A – 81)

DESCRIPTION OF WORKS

- A. The designation applies to the following land: **[Part 1A of the NOR. updated references for legal description to be provided at a later date.]**
- B. The designation is for the construction, operation and maintenance of that part of a 400kV-capable transmission line which is within the Franklin District, to convey electricity between the Brownhill Substation site at 149 Brownhill Road in Manukau City and the Whakamaru and Whakamaru North Substations in Taupo District, as part of the proposed North Island Grid Upgrade Project, and ancillary activities.

CONDITIONS

Documents

1. Subject to the conditions below, the initial works to give effect to the designation shall be generally in accordance with the following plans and profiles (**plans and profiles**):
- (a) Final Centreline Plan & Profiles, Structures: 29 to 34, NIGUP-NOR, 5/63, revision B;
 - (b) Final Centreline Plan & Profiles, Structures: 35 to 41, NIGUP-NOR, sheet 6/63, revision B;
 - (c) Final Centreline Plan & Profiles, Structures: 41 to 46, NIGUP-NOR, sheet 7/63, revision C;
 - (d) Final Centreline Plan & Profiles, Structures: 47 to 52, NIGUP-NOR, sheet 8/63, revision B;

- (e) Final Centreline Plan & Profiles, Structures: 53 to 58, NIGUP-NOR, sheet 9/63, revision B;
- (f) Final Centreline Plan & Profiles, Structures: 58 to 64, NIGUP-NOR, sheet 10/63, revision B.
- (g) Final Centreline Plan & Profiles, Structures: 64 to 71, NIGUP-NOR, 11/63, revision B;
- (h) Final Centreline Plan & Profiles, Structures: 71 to 78, NIGUP-NOR, sheet 12/63, revision B;
- (i) Final Centreline Plan & Profiles, Structures: 78 to 85, NIGUP-NOR, sheet 13/63, revision B.

This condition shall not limit any future activities within the designated area provided that they are within the scope of the designation as set out in A and B above and all of the following conditions of this designation.

Tower heights and locations

- 2. Tower heights and locations shall be generally in accordance with the Plans and Profiles, except that:
 - (a) tower height can exceed that shown on the Plans and Profiles by up to 3 metres;
 - (b) where tower locations are moved in accordance with (d) and (e) below, tower heights can exceed those in the Plans and Profiles by up to 5 metres;
 - (c) no tower shall exceed 70 metres in height;
 - (d) towers can move up to 5 metres laterally;
 - (e) towers can move up to 40 metres along the alignment.

Archaeological Sites: Route Section 4, Towers 33A to 45

3. Before any works associated with the North Island Grid Upgrade Project are carried out in relation to towers 33A to 45, Transpower shall undertake the following:
 - (a) The locations of all towers shall be subject to archaeological survey by a suitably qualified and experienced archaeologist (**project archaeologist**) prior to finalisation of the relevant Site Works Plans required by condition **[xx below]**, other than the proposed locations for Towers 33A to 37, 40, 43 and 44.
 - (b) All earthworks that involve the removal of topsoil and relating to the construction of towers 33A to 36, and the access to them, shall be monitored by the project archaeologist during construction.
 - (c) All proposed access routes for towers 33A to 45 shall be archaeologically surveyed by the project archaeologist before the relevant Site Works Plans are finalised and plans shall be altered, where practicable, for tower locations and access to them, should evidence of archaeological sites be found.
 - (d) The Project Archaeologist shall monitor the earthworks at tower 56 so that it can be determined whether archaeological evidence is present or not.
4. Before ARI-PAK A towers 377, 386 and 387 are dismantled and/or removed, the area subject to any works shall be archaeologically surveyed by the project archaeologist.

Archaeological Sites: Route Section 5

5. Before any works associated with the North Island Grid Upgrade Project are carried out within designated area of route section 5, Transpower shall undertake the following:
 - (a) The project archaeologist shall monitor the earthworks at tower 56 to determine whether archaeological evidence is present.

- (b) All earthworks shall be archaeologically monitored from (but not including) tower site 59 to tower site 63, to record any extent of the agricultural soils and (subject to obtaining all necessary statutory approvals) take samples for analysis in the event that agricultural soils are found to be present.
- (c) All of the proposed access routes, and tower locations for towers 63A to 69 shall be archaeologically surveyed prior to the relevant Site Works Plans required by Condition **XX** being finalised. The Site Works Plans, where practicable, shall accommodate any archaeological findings.
- (d) Known archaeological site S12/324 shall be marked on all relevant Site Works Plans, and any maintenance plans. The Site Works Plans and any maintenance plans shall state that site S12/324 includes associated trees.

Advice Note: Conditions *[the 3 archaeology conditions above]* are subject to any conditions of any archaeological authority granted under the Historic Places Act 1993.

APPENDIX I: OVERHEAD LINE SECTION : WAIKATO DISTRICT COUNCIL

Route Sections 6 - 9, Towers 82 – 193)

DESCRIPTION OF WORKS

- A. The designation applies to the following land: **[Part 1A of the NOR. updated references for legal description to be provided at a later date.]**
- B. The designation is for the construction, operation and maintenance of that part of a 400kV-capable transmission line which is within the Waikato District, to convey electricity between the Brownhill Substation site at 149 Brownhill Road in Manukau City and the Whakamaru and Whakamaru North Substations site in Taupo District, as part of the proposed North Island Grid Upgrade Project, and ancillary activities.

CONDITIONS

Documents

1. Subject to the conditions below, the initial works to give effect to the designation shall be generally in accordance with the following plans and profiles (plans and profiles):
 - (a) Final Centreline Plan & Profiles, Structures: 78 to 85, NIGUP-NOR, 13/63, revision B;
 - (b) Final Centreline Plan & Profiles, Structures: 86 to 92, NIGUP-NOR, sheet 14/63, revision B; **[Note: Location of towers 88 & 89 subject to discussion with Glencoal/Stirlings.]**
 - (c) Final Centreline Plan & Profiles, Structures: 93 to 98, NIGUP-NOR, sheet 15/63, revision B;
 - (d) Final Centreline Plan & Profiles, Structures: 99 to 106, NIGUP-NOR, sheet 16/63, revision B;
 - (e) Final Centreline Plan & Profiles, Structures: 106 to 113, NIGUP-NOR, sheet 17/63, revision B;

- (f) Final Centreline Plan & Profiles, Structures: 114 to 120, NIGUP-NOR, sheet 18/63, revision B.
- (g) Final Centreline Plan & Profiles, Structures: 120 to 127, NIGUP-NOR, 19/63, revision C;
- (h) Final Centreline Plan & Profiles, Structures: 127 to 134, NIGUP-NOR, sheet 20/63, revision C;
- (i) Final Centreline Plan & Profiles, Structures: 134 to 140A, NIGUP-NOR, sheet 21/63, revision B.
- (j) Final Centreline Plan & Profiles, Structures: 140B to 146, NIGUP-NOR, 22/63, revision C;
- (k) Final Centreline Plan & Profiles, Structures: 147 to 153, NIGUP-NOR, sheet 23/63, revision B;
- (l) Final Centreline Plan & Profiles, Structures: 153 to 159, NIGUP-NOR, sheet 24/63, revision B;
- (m) Final Centreline Plan & Profiles, Structures: 160 to 166, NIGUP-NOR, sheet 25/63, revision C;
- (n) Final Centreline Plan & Profiles, Structures: 166 to 174, NIGUP-NOR, sheet 26/63, revision C;
- (o) Final Centreline Plan & Profiles, Structures: 174 to 181, NIGUP-NOR, sheet 27/63, revision C.
- (p) Final Centreline Plan & Profiles, Structures: 182 to 188, NIGUP-NOR, 28/63, revision C;
- (q) Final Centreline Plan & Profiles, Structures: 189 to 195, NIGUP-NOR, sheet 29/63, revision C.

This condition shall not limit any future activities within the designated area provided that they are within the scope of the designation as set out in A and B above and all of the following conditions of this designation.

Tower heights and locations

2. Tower heights and locations shall be generally in accordance with the Plans and Profiles, except that:
 - (a) tower height can exceed that shown on the Plans and Profiles by up to 3 metres;
 - (b) where tower locations are moved in accordance with (d) and (e) below, tower heights can exceed those in the Plans and Profiles by up to 5 metres;
 - (c) no tower shall exceed 70 metres in height;
 - (d) towers can move up to 5 metres laterally;
 - (e) towers can move up to 40 metres along the alignment.

Archaeology: Known Archaeological Site S12/253

3. Before any works associated with the North Island Grid Upgrade Project are carried out in the vicinity of site S12/253, Transpower shall undertake the following:
 - (a) All proposed access routes for tower 94 shall be archaeologically surveyed by the suitably qualified and experience archaeologist (**project archaeologist**) prior to the Site Works Plan required by Condition **XX** being finalised. The Site Works Plan shall insofar as it relates to proposed access routes be altered, where practicable, to accommodate any archaeological findings.
 - (b) The project archaeologist shall be present while any earthworks associated with tower construction or demolition, and any earthworks involving the stripping of topsoil within 100m of Site S12/253 occurs.

- (c) All trees adjacent to Site S12/253, that have to be removed, shall be directionally felled downhill and that those trees within 5m of the top of the bank shall be cut off at stump level and the stumps be allowed to rot insitu, except where removal is required for access.
- (d) In the event that felled trees are to be dragged to a haul site, the project archaeologist shall be present during initial hauling and once the hauling is completed, so that any exposed surfaces can be inspected for archaeological evidence, and any evidence that may be present recorded.

Archaeology: Known Site S13/30

- 4. Before any works associated with the North Island Grid Upgrade Project are carried out near Site S13/30, Transpower shall undertake the following:
 - (a) the locations for towers 140A, 140B and 141, as well any rerouting of the race route, shall (subject to obtaining all necessary statutory approvals) be archaeologically investigated prior to site works commencing.
 - (b) Any earthworks that may be required for access to tower locations 140A, 140B and 141, and access routes to vegetation that is to be cut in the vicinity of those towers, shall be monitored by the project archaeologist.
 - (c) Any vegetation shall be removed in a manner which does not affect Site S13/30.
 - (d) The Site Works Plan required by condition **XX** for tower 141 states that:
 - (i) contractors be aware of the possibility that archaeological evidence may be present.
 - (ii) if the contractors have any doubts as to the nature of materials found in excavations they should stop work to enable the project archaeologist to assess the materials.

Archaeology: Known Site S13/18

5. Before any works associated with the North Island Grid Upgrade Project are carried out near site S13/18, Transpower shall undertake the following:
 - (a) The earthworks for tower 161 shall be monitored by the project archaeologist and any evidence recorded in accordance with standard archaeological practice.
 - (b) Subject to obtaining all necessary statutory approvals, representative sediment samples shall be taken from the area subject to earthworks for tower 161 for further analysis, and the analysis submitted to NZAA site record form for site S13/18.

Archaeology: Towers 173 to 175

6. Before the Site Works Plans in relation to towers 173 to 175 are finalised, the project archaeologist shall undertake an archaeological survey of the tower sites and the proposed access routes to those tower sites.

Advice Note: Conditions **[all archaeology conditions above]** are subject to any conditions of any archaeological authority granted under the Historic Places Act 1993.

APPENDIX J: OVERHEAD LINE SECTION : MATAMATA-PIAKO DISTRICT COUNCIL

(Route Sections 9 - 10, Towers 194 – 246)

DESCRIPTION OF WORKS

- A. The designation applies to the following land: **[Legal descriptions to come.]**
- B. The designation is for the construction, operation and maintenance of that part of a 400kV-capable transmission line which is within the Matamata–Piako District, to convey electricity between the Brownhill Substation site at 149 Brownhill Road in Manukau City and the Whakamaru and Whakamaru North Substations site in Taupo District, as part of the proposed North Island Grid Upgrade Project, and ancillary activities, including modification of the Hamilton-Waihou A line.

CONDITIONS

Documents

1. Subject to the conditions below, the initial works to give effect to the designation shall be generally in accordance with the following plans and profiles (**plans and profiles**):
- (a) Final Centreline Plan & Profiles, Structures: 189 to 195, NIGUP-NOR, 29/63, revision C;
 - (b) Final Centreline Plan & Profiles, Structures: 196 to 203, NIGUP-NOR, sheet 30/63, revision B;
 - (c) Final Centreline Plan & Profiles, Structures: 203 to 208, NIGUP-NOR, sheet 31/63, revision B;
 - (d) Final Centreline Plan & Profiles, Structures: 209 to 216, NIGUP-NOR, sheet 32/63, revision C;
 - (e) Final Centreline Plan & Profiles, Structures: 216 to 224, NIGUP-NOR, sheet 33/63, revision B;
 - (f) Final Centreline Plan & Profiles, Structures: 224 to 230, NIGUP-NOR, sheet 34/63, revision B.

- (g) Final Centreline Plan & Profiles, Structures: 230 to 235, NIGUP-NOR, 35/63, revision B;
- (h) Final Centreline Plan & Profiles, Structures: 235 to 242, NIGUP-NOR, sheet 36/63, revision B;
- (i) Final Centreline Plan & Profiles, Structures: 242 to 247, NIGUP-NOR, sheet 37/63, revision B.

This condition shall not limit any future activities within the designated area provided that they are within the scope of the designation as set out in A and B above and all of the following conditions of this designation.

Tower heights and locations

- 2. Tower heights and locations shall be generally in accordance with the Plans and Profiles, except that:
 - (a) tower height can exceed that shown on the Plans and Profiles by up to 3 metres;
 - (b) where tower locations are moved in accordance with (d) and (e) below, tower heights can exceed those in the Plans and Profiles by up to 5 metres;
 - (c) no tower shall exceed 70 metres in height;
 - (d) towers can move up to 5 metres laterally;
 - (e) towers can move up to 40 metres along the alignment.

Archaeology: Known Site T14/110

- 3. Before any works associated with the North Island Grid Upgrade Project are carried out in the vicinity of Site T14/110, Transpower shall undertake the following:

- (a) Particular care shall be taken with works in the vicinity of Site T14/110, and the extent of site T14/110 shall be marked off while construction and demolition works are in progress.
- (b) No vehicles shall be driven onto site T14/110.
- (c) The construction of tower 233 shall occur only when the ground is likely to be firm, avoiding significant rain events, so as to prevent pugging and weight damage to site T14/110 or to other possible unknown archaeological deposits that are likely to surround that site.
- (d) Any access tracks shall as far as practicable avoid any surface archaeological evidence.
- (e) The project archaeologist shall monitor all earthworks involving the removal of topsoils within 100m of site T14/110.

Advice Note: Conditions **[immediately above]** is subject to any conditions of any archaeological authority granted under the Historic Places Act 1993.

APPENDIX K: OVERHEAD LINE SECTION : WAIPA DISTRICT COUNCIL

(Route Sections 11 - 13, Towers 247 – 320)

DESCRIPTION OF WORKS

- A. The designation applies to the following land: **[Legal descriptions to come.]**
- B. The designation is for the construction, operation and maintenance of that part of a 400kV-capable transmission line which is within the Waipa District, to convey electricity between the Brownhill Substation site at 149 Brownhill Road in Manukau City and the Whakamaru and Whakamaru North Substations site in Taupo District, as part of the proposed North Island Grid Upgrade Project, and ancillary activities.

CONDITIONS

Documents

1. Subject to the conditions below, the initial works to give effect to the designation shall be generally in accordance with the following plans and profiles (**plans and profiles**):
 - (a) Final Centreline Plan & Profiles, Structures: 242 to 247, NIGUP-NOR, 37/63, revision B;
 - (b) Final Centreline Plan & Profiles, Structures: 248 to 254, NIGUP-NOR, sheet 38/63, revision B;
 - (c) Final Centreline Plan & Profiles, Structures: 254 to 261, NIGUP-NOR, sheet 39/63, revision B;
 - (d) Final Centreline Plan & Profiles, Structures: 261 to 267A, NIGUP-NOR, sheet 40/63, revision B;
 - (e) Final Centreline Plan & Profiles, Structures: 267A to 275, NIGUP-NOR, sheet 41/63, revision C;

- (f) Final Centreline Plan & Profiles, Structures: 275 to 281, NIGUP-NOR, sheet 42/63, revision B;
- (g) Final Centreline Plan & Profiles, Structures: 282 to 286A, NIGUP-NOR, 43/63, revision B;
- (h) Final Centreline Plan & Profiles, Structures: 286B to 291, NIGUP-NOR, sheet 44/63, revision B;
- (i) Final Centreline Plan & Profiles, Structures: 291 to 298, NIGUP-NOR, sheet 45/63, revision B;
- (j) Final Centreline Plan & Profiles, Structures: 298 to 305, NIGUP-NOR, sheet 46/63, revision B;
- (k) Final Centreline Plan & Profiles, Structures: 305 to 311, NIGUP-NOR, 47/63, revision B;
- (l) Final Centreline Plan & Profiles, Structures: 311 to 319, NIGUP-NOR, sheet 48/63, revision C;
- (m) Final Centreline Plan & Profiles, Structures: 319 to 326, NIGUP-NOR, sheet 49/63, revision B.

This condition shall not limit any future activities within the designated area provided that they are within the scope of the designation as set out in A and B above and all of the following conditions of this designation.

Tower heights and locations

- 2. Tower heights and locations shall be generally in accordance with the Plans and Profiles, except that:
 - (a) tower height can exceed that shown on the Plans and Profiles by up to 3 metres;
 - (b) where tower locations are moved in accordance with (d) and (e) below, tower heights can exceed those in the Plans and Profiles by up to 5 metres;

- (c) no tower shall exceed 70 metres in height;
- (d) towers can move up to 5 metres laterally;
- (e) towers can move up to 40 metres along the alignment.

Archaeology: Towers 282 to 288

3. Before any works associated with the North Island Grid Upgrade are carried out in the vicinity of the locations for towers 282 to 288, Transpower shall undertake the following:
 - (a) All locations for towers 282 to 288, the access tracks to them, and the ARI-PAK A towers already standing in this same area, shall be archaeologically surveyed by a suitably qualified and experienced archaeologist (**project archaeologist**) prior to the Site Works Plans being finalised. The Site Works Plans shall be altered, where practicable, to accommodate any archaeological findings.
 - (b) Should it be determined that vegetation is to be removed from, or in, the vicinity of any archaeological sites located as a result of the survey referred to in (a) above, all reasonable steps be taken to minimise damage to those sites.

Archaeology: Works near known Site T15/178

4. Before any works associated with the North Island Grid Upgrade Project are carried out in the vicinity of known site T15/178, Transpower shall undertake the following:
 - (a) All tower locations, the access tracks to them, shall be archaeologically surveyed prior to the Site Works Plans being finalised. The Site Works Plans shall be altered, where practicable, to accommodate any archaeological findings.
 - (b) Should it be determined that vegetation is to be removed from, or in the vicinity of, any archaeological sites identified as a result of (a) above, all reasonable steps be taken to minimise damage to those sites.

Archaeology: Works near known Site T15/153

5. Before any works associated with the North Island Grid Upgrade Project are carried out in the vicinity of known site T15/153 Transpower shall undertake the following:
- (a) Tower location 308, the access tracks to it and the ARI-PAK A towers 20 and 21 either side of it, shall be archaeologically surveyed by the project archaeologist prior to the Site Works Plans being finalised; and
 - (b) The Site Works Plans shall, where practicable, accommodate any archaeological findings.

Advice Note: Conditions **[all archaeological conditions above]** is subject to any conditions of any archaeological authority granted under the Historic Places Act 1993.

APPENDIX L: OVERHEAD LINE SECTION : SOUTH WAIKATO DISTRICT COUNCIL
(Route Sections 14 - 15, Towers 321 – 427)

DESCRIPTION OF WORKS

- A. The designation applies to the following land: **[legal descriptions to come.]**
- B. The designation is for the construction, operation and maintenance of that part of a 400kV-capable transmission line which is within the South Waikato District, to convey electricity between the Brownhill Substation site at 149 Brownhill Road in Manukau City and the Whakamaru and Whakamaru North Substations site in Taupo District, as part of the proposed North Island Grid Upgrade Project, and ancillary activities.

CONDITIONS

Documents

1. Subject to the conditions below, the initial works to give effect to the designation shall be generally in accordance with the following plans and profiles (plans and profiles):
- (a) Final Centreline Plan & Profiles, Structures: 319 to 326, NIGUP-NOR, 49/63, revision B;
 - (b) Final Centreline Plan & Profiles, Structures: 326 to 334, NIGUP-NOR, sheet 50/63, revision B;
 - (c) Final Centreline Plan & Profiles, Structures: 334 to 342, NIGUP-NOR, sheet 51/63, revision B;
 - (d) Final Centreline Plan & Profiles, Structures: 342 to 348, NIGUP-NOR, sheet 52/63, revision B;
 - (e) Final Centreline Plan & Profiles, Structures: 348 to 355, NIGUP-NOR, sheet 53/63, revision B;

- (f) Final Centreline Plan & Profiles, Structures: 355 to 362, NIGUP-NOR, sheet 54/63, revision B;
- (g) Final Centreline Plan & Profiles, Structures: 364 to 370, NIGUP-NOR, 55/63, revision C;
- (h) Final Centreline Plan & Profiles, Structures: 370 to 377, NIGUP-NOR, sheet 56/63, revision C;
- (i) Final Centreline Plan & Profiles, Structures: 378 to 385, NIGUP-NOR, sheet 57/63, revision B;
- (j) Final Centreline Plan & Profiles, Structures: 385 to 394, NIGUP-NOR, sheet 58/63, revision B;
- (k) Final Centreline Plan & Profiles, Structures: 394 to 401, NIGUP-NOR, 59/63, revision B;
- (l) Final Centreline Plan & Profiles, Structures: 401 to 407, NIGUP-NOR, sheet 60/63, revision B;
- (m) Final Centreline Plan & Profiles, Structures: 408 to 415, NIGUP-NOR, sheet 61/63, revision B;
- (n) Final Centreline Plan & Profiles, Structures: 415 to 422, NIGUP-NOR, sheet 62/63, revision B.

This condition shall not limit any future activities within the designated area provided that they are within the scope of the designation as set out in A and B above and all of the following conditions of this designation.

Tower heights and locations

- 2. Tower heights and locations shall be generally in accordance with the Plans and Profiles, except that:
 - (a) tower height can exceed that shown on the Plans and Profiles by up to 3 metres;

- (b) where tower locations are moved in accordance with (d) and (e) below, tower heights can exceed those in the Plans and Profiles by up to 5 metres;
- (c) no tower shall exceed 70 metres in height;
- (d) towers can move up to 5 metres laterally;
- (e) towers can move up to 40 metres along the alignment.

Archaeology

3. Before the Site Works Plans for towers 326 to 328 and the access to those towers are finalised, the tower locations and access route shall be archaeologically surveyed by the a suitably qualified and experienced archaeologist (**project archaeologist**).

Advice Note: Conditions [**immediately above**] is subject to any conditions of any archaeological authority granted under the Historic Places Act 1993.

APPENDIX L: OVERHEAD LINE SECTION : TAUPO DISTRICT COUNCIL

(Route Section 15 , Towers 428 – 429)

DESCRIPTION OF WORKS

- A. The designation applies to all of the land comprised in the following lots:
[Legal descriptions to come.]
- B. The designation is for the construction, operation and maintenance of that part of a 400kV-capable transmission line which is within the Taupo District, to convey electricity between the Brownhill Substation site at 149 Brownhill Road in Manukau City and the Whakamaru and Whakamaru North Substations site in Taupo District, as part of the proposed North Island Grid Upgrade Project, and ancillary activities.

CONDITIONS

Documents

1. Subject to the conditions below, the initial works to give effect to the designation shall be generally in accordance with the following plans and profiles (**plans and profiles**):
 - (a) Final Centreline Plan & Profiles, Structures: 423 to 429 (excluding tower 429).

This condition shall not limit any future activities within the designated area provided that they are within the scope of the designation as set out in A and B above and all of the following conditions of this designation.

Tower heights and locations

2. Tower heights and locations shall be generally in accordance with the Plans and Profiles, except that:

- (a) tower height can exceed that shown on the Plans and Profiles by up to 3 metres;
- (b) where tower locations are moved in accordance with (d) and (e) below, tower heights can exceed those in the Plans and Profiles by up to 5 metres;
- (c) no tower shall exceed 70 metres in height;
- (d) towers can move up to 5 metres laterally;
- (e) towers can move up to 40 metres along the alignment.

Archaeology

3. All site works plans shall contain a warning of the possibility of archaeological sites being found, particularly in the vicinity of rock outcrops and larger streams. This warning shall apply to geotechnical testing, vegetation clearance and construction works.

Advice Note: Condition [immediately above] is subject to any conditions of any archaeological authority granted under the Historic Places Act 1993.