

PART 12 APPLICATIONS, MONITORING AND DESIGNATIONS

APPLICATIONS, INFORMATION REQUIREMENTS, SCHEDULE OF DESIGNATIONS, ROADS, TEMPORARY ACTIVITIES, PERMITTED ACTIVITIES IN ALL ZONES

12.1 INTRODUCTION

This part of the Plan sets out the obligations, statutory procedures and practices which must be observed.

12.2 DUTY TO COMPLY

Compliance with this Plan and the Act does not remove the need to comply with all other applicable Acts, regulations, bylaws and rules of law.

Any activity which does not require a consent under the Building Act 1991 may still require a resource consent in accordance with the provisions of this Plan.

12.3 TYPES OF CONSENT

For the purposes of administering this Plan, activities are classified into 5 groups. These are:

- Permitted Activities
- Controlled Activities
- Discretionary Activities
- Non-complying Activities
- Prohibited Activities

Permitted activities do not require a resource consent provided the activity complies in all respects with the relevant rules of the Plan.

Resource consents can be applied for in respect of controlled, discretionary and non-complying activities. Applications may not be made in respect of prohibited activities.

The rules and criteria which may be applied in assessing whether an application should be approved are contained in this Plan.

12.4 RULES

All rules have the force and effect of regulations. Activities will be regulated, prohibited or allowed, as appropriate, to ensure that any actual or potential adverse effects on the environment are mitigated or avoided. In considering the effects of an activity, the Council will take into account positive and adverse effects, temporary and permanent effects, any past, present or future effects and any cumulative effects. Any potential effects of high probability or effects of low probability which have a high potential impact will also be considered.

Any activity which is not in this Plan shall be required to obtain a resource consent and shall be assessed on the actual or potential effect of the activity and in particular any adverse effect on the environment.

12.5 INFORMATION TO ACCOMPANY APPLICATIONS FOR RESOURCE CONSENTS

All applications for a resource consent must include the following information except that applications for a resource consent for a controlled activity generally do not need to be accompanied by an assessment of effects as outlined in 3 below. Where appropriate, information shall be supplied in plan form drawn at a suitable scale.

1. A description of the activity for which consent is sought and its location, including:
 - a) alignment and formation of any proposed vehicle and pedestrian accessways
 - b) building platforms for any proposed buildings
 - c) building envelopes for any proposed buildings
 - d) for proposals in the Residential 5 Zone, details of any proposed methods of disposal of effluent and stormwater prepared by a suitably qualified person with documented experience in the field. These must include plans indicating the location of the proposed system, including any disposal field.
 - e) details of all services including electricity, telephone lines and effluent disposal.
 - f) details of any proposed site works, including earthworks, to show any cut and/or fill and removal of vegetation.
 - g) details of all proposed landscaping including earthworks, drainage, paving materials and planting.
 - h) details of the nature and use of any hazardous substances including the manufacture, transportation, storage and disposal of hazardous substances and an assessment of any risk associated with such use.

2. A description of the existing characteristics of the site and locality including:
 - a) location, area and dimension of the lot.
 - b) access to the lot, including roads.
 - c) generalised relief of the lot including contours and/or spot heights sufficient to show the general topography of the site.
 - d) location of all areas of indigenous vegetation, including details on any species listed in Schedule 3E.
 - e) size, location and use of existing and/or proposed buildings on the lot.

- f) any watercourses, wetlands or drainage systems accurately located.
 - g) the location of any schedule or protected item listed in Schedule 3B.
 - h) any easements or encumbrances affecting the proposal.
 - i) for proposals in the Residential 3 Zone, any relevant geo-technical information to demonstrate that there are no potential or existing hazards such as instability or erosion.
 - j) any potential natural and man-made hazards on or affecting the site.
3. An assessment of any actual or potential effects that the activity may have on the environment and the ways in which any adverse effects may be mitigated with particular regard to those matters relevant to the applications as outlined in 1 and 2 above. Such assessment shall be:
- a) in such detail as corresponds with the scale and significance of the actual or potential effects that the activity may have on the environment; and
 - b) prepared in accordance with the Fourth Schedule of the Resource Management Act 1991.
4. A statement specifying all other resource consents that the applicant may require from any consent authority in respect of the activity to which the application relates and whether or not the applicant has applied for such consents.
5. Where the application is for a subdivision consent, it shall also be accompanied by adequate information, including accurate plans, to define:
- a) all of the land being subdivided and the area and dimension of all new lots;
 - b) the position of all new boundaries;
 - c) the area of all new lots;
 - d) the location and areas of new reserves to be created including any esplanade reserves to be set aside on a survey plan under section 230 of the Resource Management Act 1991;
 - e) the location and areas of any land below mean high water springs of the sea, or of any part of the bed of a river or lake, which is required under section 237A of the Resource Management Act 1991 to be shown on a survey plan as land to be vested in the Crown;
 - f) the location and areas of land to be set aside as road;
 - g) the location and areas of any land or significant natural feature to be protected by covenants or similar means;

- h) the nature and standard of any infrastructure such as roading, sewage disposal systems, stormwater systems, electricity supply, water supply both on and adjoining the land concerned; and
 - i) the nature and extent/value of any financial contribution required by the Plan.
6. Certificates of title for the site subject of the application;
7. Any information required to be included in the application by any other provision in the Plan or by regulations.

12.6 MONITORING AND REVIEW

The Council will monitor the state of the environment of the District, the effectiveness of policies and plans, any activities or powers transferred or delegated by it and the operation of resource consents. On the basis of this, the Council will take action when necessary and will make available to the public, information on plans and monitoring information and resource consents so that the public is informed and able to participate in the operation of the Resource Management Act 1991.

12.7 DESIGNATIONS

Designations are illustrated on the Planning Maps by means of distinctive notation and reference number. The reference number applies to information describing the designation in Schedule 12. The effect of designating land is to give notice of the designated purpose and generally to limit the use of land to that purpose.

When a requirement for a work has been received by the Council, any work or change of use or subdivision which would prevent or hinder the work may not be carried out without the consent of the authority responsible for the work concerned. Once the designation becomes operative, section 175 of the Act prohibits the carrying out of any work on the land or its subdivision without the requiring authority's consent.

A designation lapses on the expiry of 5 years after the date on which it is included in the District Plan unless it has been given effect to or a different period applied under section 184 of the Resource Management Act 1991.

12.8 ROADS

For the purpose of the Plan, where existing formed or designated (and dedicated) roads are not included in the planning maps within the boundaries of any zone, such road shall be deemed to be included within the adjacent zone(s). Where there are different zones on either side of the road, the stricter of the standards for those zones outlined in the Plan shall apply.

12.9 TEMPORARY ACTIVITIES

12.9.1 Any activity involving the temporary use of land or building necessary and incidental to an authorised building or development project shall be deemed to be a permitted activity, subject to any conditions the Council deems necessary. Such temporary activity shall only be permitted for a maximum period of 3 months.

12.9.2 Any military training activity involving military personnel, air and road transport shall be deemed to be a permitted activity. Such military training activity shall only be permitted where the written consent of the owner of the property has been obtained; the training activity is limited to a period not exceeding thirty one days, except that the Council may grant consent to a controlled activity for a longer term; the activity does not require the construction of permanent structures; the activity does not require earthworks unless provided for elsewhere in this Plan; mitigation measures ensure no adverse effects result; and flying activity is in compliance with Civil Aviation regulations or in agreement with the local controlling authority.

12.10 PERMITTED ACTIVITIES IN ALL ZONES

The removal or demolition of any building or structure except as limited by the provisions of Part 3 Heritage Management.

SCHEDULE 12

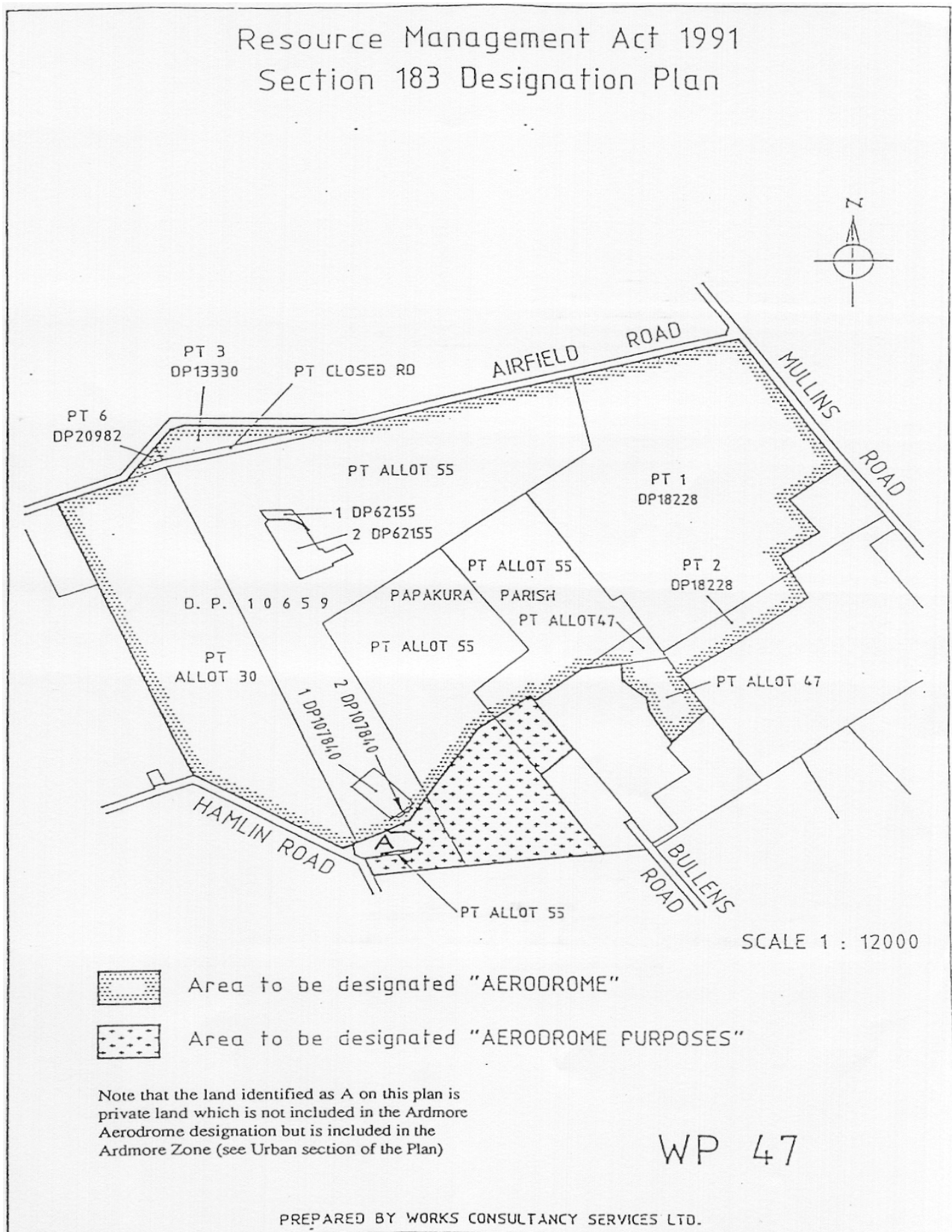
SCHEDULE OF DESIGNATIONS

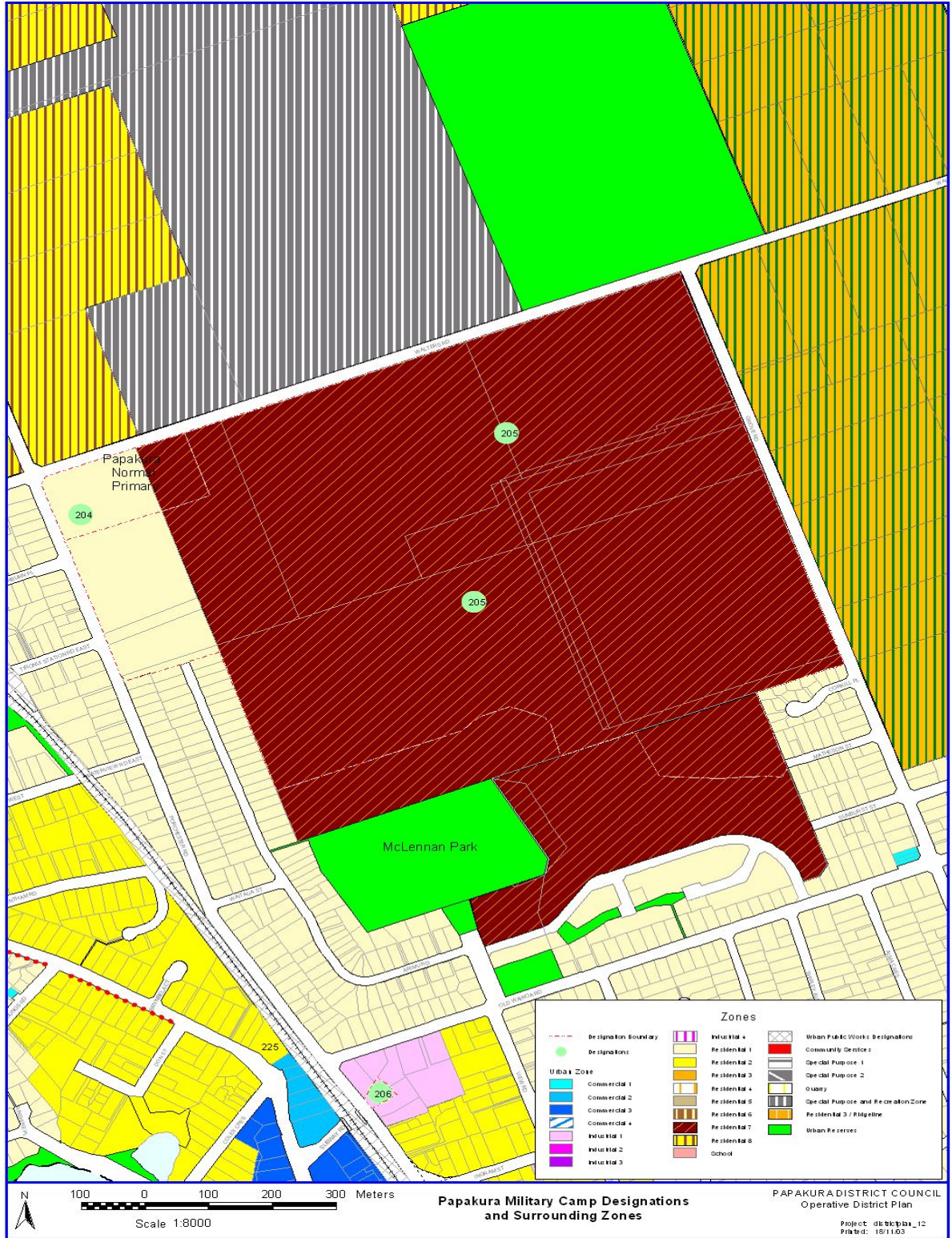
REF	DESCRIPTION	AREA	REQUIRING AUTHORITY	UNDERLYING ZONE
201	Motorway Purposes Auckland – Hamilton	-	Transit New Zealand	
202	Takanini Primary School Pt Lots 2,3 and 7 DP 14894	1.8476 ha	Minister of Education	Residential 1
203	Conifer Grove Primary School Part Lot 1 DP 82635	2.5425 ha	Minister of Education	Residential 4
204	Papakura Normal Primary School Allotments 93 and 95, Parish of Papakura	2.7864 ha	Minister of Education	Residential 1
205	Defence Purposes Comprising approx. 120.282 ha and described as follows: Pt Lot 1 DP 10784 Pt Lot 1 DP 10784 Pt Lot 1 DP 10784 Pt Allotments 41 & 42 Pt Allotment 41, Papakura Parish Pt Allotment 41, Papakura Parish Lots 1-20 DP 40701 Pt Lot 1 DP 34792 Pt Lot 3 DP 10784 Pt Lot 3 DP 10784 Pt Lot 2 DP 34792	32.6796 ha 3.7115 ha 0.3187 ha 33.4114 ha 1.8309 ha 4.0122 ha 1.9111 ha 5.4552 ha 14.6365 ha 0.7448 ha 0.0357 ha	Minister of Defence	Residential 1 Residential 7 See Planning Map
206	Papakura Periodic Detention Centre Lot 7 DP 33444	0.1454 ha	Minister of Corrections	Industrial 1
207	Cosgrove Primary School Lots 1, 2, 3 & 4 DP 43586 Pt Allotment 2 Parish of Opaheke (Part Lots 41 & 42 Deeds Plan 81)	2.0829 ha	Minister of Education	Residential 1
208	Papakura High School Allotments 167-169, Section II, Village of Papakura and Pt Allotment 83, Suburban Section 1 Parish of Opaheke, Pt Section 190, Block XI, Town of	9.8325 ha	Minister of Education	Residential 1

REF	DESCRIPTION	AREA	REQUIRING AUTHORITY	UNDERLYING ZONE
	Papakura, Lot 58 DP 37801 and Closed Road GN A17119			
209	Papakura Intermediate School Allotment 84, Kirikiri Settlement, Suburban Section 1, Parish of Opaheke	4.0469 ha	Minister of Education	Residential 1
210	Kelvin Road Primary School, Pt Allotment 90 Suburban Section 1, Parish of Opaheke	2.48767 ha	Minister of Education	Residential 1
211	Edmund Hillary Primary School, Part Allotments 57 and 58, Settlement of Kirikiri, Suburban Section 1, Parish of Opaheke	2.1534 ha	Minister of Education	Residential 1
212	Electrical Works (Substation) Lots 1 & 2 DP 54706	0.1515 ha	Vector Ltd	Residential 1
213	Police Purposes (Papakura Police Station) Lot 5A, 5B & 6, DP 48154 and Lot 1 DP 184106. Part Allotment 207 and 217, Section 11, Village of Papakura. Allotment 203 Section 11, Village of Papakura (NZGZ1868)	0.5772 ha	Minister of Police	Commercial 3
214	Papakura Courthouse Allotments 201 & 202 and Pt Allotment 207 Section XI, Papakura Village	0.3439 ha	Minister for Courts	Commercial 3
215	Papakura Central Primary School Lot 2 DP 70273, Pt Secs 4 & 5, Village of Papakura (Lots 141-151, Lots 172-175 and Pt Lots 176-178, Deeds Plan Whau 39) and Pt Section 5 Village of Papakura, Pt Tidal Lands of Ministry of Education Manukau Harbour	2.53 ha	Minister of Education	Residential 2
216	Rosehill College/Rosehill Intermediate School/Rosehill Special School Pt Allotment E11, Parish of Opaheke, Lots 133-136 and 152 DP 47965, Pt Lot 6 DP 14721, Lot 47 DP 57351, Lots 139-141 DP 47965 and Lot 30 DP 49598	-	Minister of Education	Residential 1
217	Papakura South Primary School Lot 1 DP 41370 & Lot 144 DP 47965	2.1377 ha	Minister of Education	Residential 1
218	Opaheke Primary School Lot 8 DP 50450, Lot 7 DP 37081, Pt Lot 2 DP 37081, Pt Lot 1 DP7548	2.0944 ha	Minister of Education	Residential 1
219	Red Hill Primary School			

REF	DESCRIPTION	AREA	REQUIRING AUTHORITY	UNDERLYING ZONE
	Pt Lot 2 DP 41685 and Lot 7 DP 56675	3.1104 ha	Minister of Education	Residential 1
220	Park Estate Primary School Pt Lot 7 DP 6963, Pt Allotment 311, Parish of Opaheke	2.53 ha	Minister of Education	Residential 5 or Residential 1
221	Drury Primary School Allotments 43-46, 56-61, 68-74 and 86, Section 8, Village of Drury and Closed Road	-	Minister of Education	Residential 2
222	Aerodrome Lots 1 & 2, DP 62155, CT 26D/819; Lots 1 & 2 DP 107840; CT 60A/721-722 (Lot 1 DP 107840 Leasehold CT 60D/677); Pt Lot 6 DP 20982; Pt Lot 3, DP 13330; Pt Closed Road; Pt Land on District Plan 10659; Pt Allotment 55, Papakura Parish, Pt Allotment 47, Papakura Parish, Pt Lots 1 & 2, DP 18228; Gazette 1978 Page 3281, GN B596388.1	-	Ardmore Airport Limited	Ardmore Aerodrome
223	Aerodrome Purposes Pt Allotment 55, Papakura Parish on Gazette 1986, Page 4024 GN B596388.1	-	Ardmore Airport Limited	Ardmore Aerodrome
224	State Highway 22	-	Transit New Zealand	-
235	Electricity Substation: Airfield Road Lots 1 and 2, DP 135030		Transpower NZ Ltd	Rural Takanini
236	Gas Transmission Purposes NGC Pipelines – Rotowaro to East Tamaki	-	National Gas Corporation New Zealand Ltd	See Planning Maps
237	Construction and Operation of a Boost Pumping Station for water reticulation purposes Lot 1 DP160625	1.2508ha	Watercare Services Ltd	Rural Papakura (Drury Subdivision Area)

Note: As of 31 March 1996 all designations of Telecom Mobile Communications Limited or Telecom New Zealand International Limited are transferred to Telecom New Zealand Limited.





DESIGNATION 236 - CONDITIONS

NGC PIPELINE DESIGNATION - ROTOWARO TO EAST TAMAKI

The designation by NGC New Zealand Limited (NGC) of land within the Papakura District is for:

- a) The operation, maintenance, upgrade and renewal of the existing 350mm diameter gas transmission pipeline and all ancillary structures and activities associated with these works for transportation of natural gas; and
- b) The design, construction, operation, maintenance and renewal of a new pipeline generally alongside the existing pipeline and all ancillary structures and activities associated with these works for transportation of natural gas.

The designation affects land legally described in Appendix 2 “Schedule of Affected Land” of Volume 3 of the Notice of Requirement for Designation submitted to Papakura District Council.

DESCRIPTION OF DESIGNATION IN DISTRICT PLAN

The designation shall be described in the Papakura District Plan as “Gas Transmission Purposes”.

LAPSING PERIOD

Pursuant to Section 184(1)(c) of the Resource Management Act 1991, the period during which the designation shall not lapse, unless given effect to, shall be ten years commencing from the date the designation is included in the Papakura District Plan.

OUTLINE PLAN

If the Requiring Authority accepts Conditions 2.1, 2.4, 2.9, and 2.12, being the requirements to submit the Construction Management Plans and associated conditions/matters, that acceptance shall be deemed by Council to be a waiver in relation to that Plan or relevant parts of that Plan pursuant to Section 176A(2)(c) of the Resource Management Act 1991 of the requirement for an Outline Plan of Works under Section 176A. If the Council and the Requiring Authority do not agree on the terms of such Plan and associated matters/conditions, the relevant provisions of Section 176A of the Resource Management Act 1991 shall apply in respect of any part not agreed.

CONDITIONS

The designation shall be subject to the following conditions:

Unless the context otherwise requires, references in the following conditions to “the Council” shall be deemed to be references to the Papakura District Council’s Chief Executive Officer or nominee.

1. GENERAL CONDITIONS

1.1 The works to give effect to the designation shall be generally in accordance with the plans and information submitted by NGC in support of the Notice of Requirement in the documents entitled “Rotowaro – East Tamaki Pipeline Route Designation” (Reference 5104-R-04, Rev 1 Volumes 1, 2 and 3), and as amended by Drawings numbered:

- a) P5107/0605/01
(Sheets 1, 5 and 6 - Revision 2);
- b) P5107/0504/015
(Sheets 1 and 2 - Revision 1);

and except as varied by the conditions herein.

1.2 The maximum width of the designation shall be as follows excepting any lesser widths specified in Appendix 3 – Property Plans, Volume 3 Notice of Requirement:

	Construction Width	Post Construction Width
Within Road Reserve (along road)	6 metres	6 metres
Within Road Reserve (across road)	8 metres	8 metres
Non Road Reserve (land Zoned other than Rural)	18 metres	12 metres
Non Road Reserve (land Zoned Rural)	25 metres	12 metres

1.3 The Requiring Authority shall give written notice of:

- a) The likely commencement date for the works pursuant to the designation; and
- b) The expected timeframe for the construction programme;

to the Council and landowners not less than two years and then again not less than one year prior to entry for construction. The Requiring Authority shall provide to the Council a list of the landowners notified pursuant to this condition and a copy of the information supplied to them.

1.4 The Requiring Authority will minimise as far as practicable the construction width used in all land zoned Rural. Where a reduced width is practicable, the Requiring Authority shall give notice to the Council that it no longer wants the relevant portion of the construction width pursuant to Section 182 of the Resource Management Act 1991.

2. CONSTRUCTION

2.1 The Requiring Authority shall submit a detailed Construction Management Plan to the satisfaction of the Council at least three months prior to commencing construction. The Construction Management Plan shall include the construction

drawings and procedures, methods and measures to be applied during the construction phase to address:

- a) Liaison with Council, affected parties, utility owners and the general public;
- b) Construction techniques including likely work programme;
- c) Construction work within road reserves;
- d) Noise control;
- e) Dust control including specific reference to protection of power transmission lines;
- f) Earthworks and sediment control plan including vegetation control, disposal of unsuitable and/or surplus material;
- g) Measures to ensure construction vehicles do not deposit soil or other debris on roads;
- h) Provision for fencing so as to enable continued operation of the landuse activities on the properties through which the designation passes;
- i) Location, protection and provision of alternative supply in the event of disruption of existing utilities; and
- j) Management of issues raised by affected parties during construction including contact details for key NGC construction personnel and systems for investigation, recording and reporting actions taken to resolve the issue raised.

- 2.2 The construction plans described in Condition 2.1 shall include detailed engineering plans prepared in consultation with landowners. The plans shall include longsections and cross sections (where necessary) detailing the alignment and level of the pipeline and associated works with respect to ground levels, structures and services.
- 2.3 The Requiring Authority shall submit a detailed Health and Safety Management Plan to the Council at least three months prior to commencing construction.
- 2.4 The Requiring Authority shall submit a detailed Traffic Management Plan to the satisfaction of the Council at least three months prior to commencing works. All traffic and pedestrian control measures detailed in the Traffic Management Plan shall conform with the Transit New Zealand manual entitled "Code of Practice for Temporary Traffic Management Issue 2" and dated October 2002. Specific areas to be addressed in the Plan shall include:
 - a) The temporary diversion of traffic during construction;
 - b) Traffic safety;
 - c) Control at intersections;
 - d) Consideration of hours of work for heavily trafficked roads;
 - e) Maintenance of road and property access; and
 - f) Movement of construction traffic on local roads.

- 2.5 Not less than two weeks prior to the commencement of works, the Requiring Authority shall meet with the Council for a pre-construction meeting.
- 2.6 The Requiring Authority shall at all times ensure that access between parts of any single property temporarily severed by construction is maintained to a level that will enable, as far as is practicable, normal operations on the property to continue.
- 2.7 Except within road reserves, pipeline construction and associated activities shall not occur during the hours of darkness as defined in the Traffic Regulations 1976 except in the case of urgent work necessary to prevent injury to persons or damage to property.
- 2.8 Within road reserves, pipeline construction and associated activities shall be limited to between the hours of 7 am and 7 pm Monday to Saturday (excluding public holidays) except:
 - a) Where otherwise stated in a Traffic Management Plan to the satisfaction of the Council submitted pursuant to Condition 2.4; or
 - b) With the prior written approval of the Council.
- 2.9 Within road reserves, all construction activities at any one location shall be limited to a linear distance of 300 metres in accordance with the drawing 9009-SK-001 Rev.B, except with the prior written consent of the Papakura District Council.
- 2.10 Construction activities in private property shall be limited to the period between 1 October in any given year, and 30 April in the following year except with the prior written approval of the Council.
- 2.11 Except as otherwise provided, the pipeline shall have a minimum cover of at least 1.5 metres in land zoned rural and 2.0 metres in road reserves and land with a zoning other than rural.
- 2.12 The Requiring Authority shall liaise with all relevant utility operators during the detailed design and subsequent construction processes prior to undertaking any work pursuant to this designation and shall ensure that all existing utility services located in or adjacent to the designation are:
 - a) Accurately located prior to the preparation of the plans detailed in Condition 2.1. If necessary, this shall include exploratory excavation;
 - b) Either protected from any activity which may interfere with the proper functioning of the services or relocated;
 - c) If damaged, repaired at the Requiring Authority's expense, to the reasonable satisfaction of the affected utility operator; and
 - d) Able to be accessed during construction.
- 2.13 Where existing buried services are encountered the new pipeline shall, where practicable be installed underneath them, with a minimum 0.5 metre vertical separation. Where practicable a 1.0 metre horizontal separation shall be provided

from any existing pipeline. If the minimum clearance cannot be achieved during construction, measures such as concrete protection slabs or similar barriers shall be provided to protect the utility from damage as a result of installation of the pipeline.

- 2.14 The pipeline shall be installed across road carriageways using trenchless construction techniques unless otherwise agreed with Council.
- 2.15 All works or activities related to the designation shall be designed and undertaken to comply with the New Zealand Electrical Code of Practice for Electrical Safe Distances 2001 (NZECP 34:2001).
- 2.16 The noise from construction and maintenance works shall be measured, assessed and controlled in accordance with the procedures and limits set out NZS 6803:1999 Acoustics – Construction Noise.
- 2.17 All pipeline construction activities within road reserves shall be in accordance with the requirements of the Code Of Practice For Working on Roads, jointly published by the Combined Working Group of the Auckland region’s territorial authorities and the Auckland Utilities Operators Group, included as Appendix G of evidence presented at the Public Hearing 12 July 2004 by Owen McBride.
- 2.18 Any damage caused to the road traffic signal inductive loops as a result of construction activities shall be reported to the Council immediately. Any costs associated with the reinstatement of these loops shall be met by the Requiring Authority.
- 2.19 All works on existing public wastewater, stormwater and water mains shall be carried out by a Council-approved licensed contractor at the Requiring Authority’s expense.

3. HERITAGE

- 3.1 The Requiring Authority shall, not less than six months prior to the commencement of construction, undertake a detailed Heritage and Cultural Survey along the pipeline route, in consultation with New Zealand Historic Places Trust, affected tangata whenua and Department of Conservation, to confirm the location of any features of heritage and cultural significance. Before the commencement of construction, the Requiring Authority shall submit documentation to the Council advising the outcomes of the survey and specifically identifying:
 - a) Features within or adjacent to the construction designation; and
 - b) Appropriate protection measures for those features or the provision of the relevant authority to modify or destroy from the New Zealand Historic Places Trust.
- 3.2 Prior to commencement of construction, the Requiring Authority shall implement a protocol for management of construction activities where these activities are in close proximity to known cultural and/or heritage sites and for discovery of taonga, koiwi or artefacts during design and construction (“the Heritage Protocol”). The Heritage Protocol shall be based on the draft protocol contained in Appendix 11.2 of Volume 3 of the Notice of Requirement for Designation (Rev 1).

4. MONITORING AND REINSTATEMENT

- 4.1 For areas outside road reserves, the Requiring Authority shall submit a Reinstatement Management Plan to the satisfaction of the Council at least three months prior to commencing construction. The Plan shall provide a written and photographic record of the area affected by works and shall include the procedures, methods and measures to be applied to address:
- a) Reinstatement of affected areas;
 - b) Reinstatement of existing utilities including property infrastructure; and
 - c) Post construction monitoring measures to monitor effectiveness of the reinstatement measures.

The reinstatement measures identified in the Reinstatement Management Plan shall be implemented as soon as practicable after areas become available for reinstatement due to the progress of the works.

- 4.2 For areas outside of road reserves, the Requiring Authority shall monitor reinstated areas at three monthly intervals for a period of 12 months after construction and six monthly for the following 12 months. The Requiring Authority shall submit a Reinstatement Report to the Council within one month of completion of each monitoring inspection. The Requiring Authority shall as soon as practicable undertake any remedial work identified in the Reinstatement Report as necessary to achieve the outcomes specified in the Reinstatement Management Plan submitted pursuant to Condition 4.1.
- 4.3 Where the designation is within road reserves, the Requiring Authority shall engage a Council approved suitably qualified independent consultant to undertake a before and after construction assessment based on a Road Asset Management requirement including RAMM condition rating survey and High Speed Data rating survey of every road in which the pipeline is located. The consultant shall prepare an Initial Road Reinstatement Report as soon as practicable after completion of construction works and submit that Report to the Council. The Requiring Authority shall as soon as practicable as required by the Council undertake any remedial work identified in the Initial Road Reinstatement Report as necessary to ensure that the roads are reinstated to the same standard as prior to construction.
- 4.4 Within road reserves, the Requiring Authority shall monitor the areas where work has been undertaken pursuant to the Initial Road Reinstatement Report at three monthly intervals for a period of 12 months after remediation. The Requiring Authority shall submit a Further Road Reinstatement Report to the Council within one month of completion of each monitoring inspection. The Requiring Authority shall as soon as practicable as required by the Council undertake any remedial work identified in any Further Road Reinstatement Report as necessary to ensure that the roads are reinstated to the same standard as prior to construction.

5. COMPLETION

- 5.1 The Requiring Authority shall submit to the Council detailed as-built pipeline alignment drawings of both pipelines within three months of the commissioning of the new pipeline. The as built drawings shall include geodetic coordinates for all key locations in agreed electronic format.
- 5.2 Where any maintenance, upgrade or renewal works result in amendments to the as-built pipeline alignment drawings, updated drawings shall be provided to the Council within three months of the commissioning of those new works.
- 5.3 The Requiring Authority shall submit to the Council a detailed as-built specification of the road works reinstatement undertaken in accordance with the Papakura District Council Asset Data Standards Specifications dated March 2003 within one month of completion of the works.
- 5.4 The Requiring Authority shall give notice to the Council that it no longer wants the construction width of the designation pursuant to Section 182 of the Resource Management Act 1991 within three months of completion of the work.

6. PAPAURA DISTRICT COUNCIL SPECIFIC CONDITIONS

- 6.1 All activities excluding construction and maintenance at the stations along the route shall be conducted and buildings located, designed and used to ensure that the noise levels within the notional boundary of any rural dwelling or the boundary of any residential dwelling does not exceed the following limits:

Monday to Sunday	7:00am - 7:00pm	50dBA (L ₁₀)
Monday to Sunday	7:00pm - 7.00am	40dBA (L ₁₀)

Noise levels shall be measured in accordance with the requirements of NZS 6801:1991 Measurement of Sound and assessed in accordance with the requirements of NZS 6802:1991 Assessment of Environmental Sound.

- 6.2 The Requiring Authority shall submit a Construction Noise Management Plan to the satisfaction of Council at least three months prior to commencing construction. The Plan shall be developed and implemented in accordance with Condition 2.16 for construction works along the pipeline and shall:
- Identify all occupied dwellings which are located within 40 metres of any area to be used for pipeline construction and installation purposes;
 - Provide predicted construction noise levels for all dwellings identified in clause (a); and
 - Specify mitigation measures needed to achieve compliance with Condition 2.16 for all dwellings where required, or alternative strategies for ensuring that construction noise levels will be acceptable to the occupants of identified dwellings to ensure that these are acceptable to them.

- 6.3 Trenchless technology shall be used where the pipeline crosses a road pavement transversely irrespective of road hierarchy or traffic volume. The “Table 1: Traverse Pipeline Construction” in Appendix 1 attached to these conditions, highlights the road sections where trenchless technology shall be used.
- 6.4 Open trench construction must be used where the pipeline runs longitudinally within the road as set out in “Table 2 Longitudinal Pipeline Construction”, in Appendix 1 attached to these conditions.

The length of open trench at any one time and at any one location shall be in accordance with drawing 9009-SK-001 Rev.B in Appendix 2 attached to these conditions, such that the length of trench open at the end of each days work is no greater than 10m, and that the trench will be backfilled completely where two lanes of traffic cannot otherwise be achieved. Traffic management shall be in accordance with the Traffic Management Plan required in Condition 2.4. Where two lane traffic cannot be maintained past the open trench, the trench shall be backfilled, with a temporary surfacing provided to a safe and trafficable condition to Councils Roding Maintenance Contract No. PDC/03/02 dated March 2003, or a Council approved temporary method of bridging the open trench may be used to ensure that two lanes of traffic can pass safely over this section of road at the end of each day.

Elsewhere trenches shall be backfilled flush with the adjacent road surface to a safe and trafficable condition at the end of the working day.

- 6.5 The road reinstatement detailed in Condition 4.3 must include the full resurfacing with the same surface material of either the lane width occupied by the pipeline or one half of the road carriageway including road marking, and repair to traffic islands.

If construction activities affect both halves of the road carriageway to the extent that the ride quality is affected over the full width of the road carriageway then the full width of the carriageway must be resurfaced in accordance with Condition 6.6.

Assessment of the width of the carriageway to be resurfaced will be as determined by the roading consultant appointed in accordance with Condition 4.3.

- 6.6 Reinstatement of the areas affected by construction activities within the road carriageway shall comply with the requirements of Condition 2.17 except that the carriageway areas must be resurfaced with TNZ Mix 15. Where the existing surface is asphalt, the existing surface shall be milled as specified in Councils Roding Maintenance Contract No. PDC/03/02 and a Council approved membrane seal shall be applied to the milled surface, prior to placement of the asphalt..
- 6.7 Council reserves the right to undertake testing of the new road surface to ensure surfacing compliance with Council’s Roding Maintenance Contract No. PDC/03/02 dated March 2003. Any surfacing that does not meet these performance standards shall be replaced as set out in Condition 6.6.
- 6.8 Regarding the requirement to provide as-built information in accordance with the asset data standards for Papakura District Council, NGC and their consultant shall provide as-built data on Papakura District Council’s standard forms for all Council assets that are disturbed or reinstated as a result of installation of the gas pipeline.

ADVICE NOTES

1. Access to overhead electricity transmission lines, poles or supporting structures shall be maintained at all times in accordance with the Electricity Act 1992.
2. Guidelines for land consultation, agreement for entry for construction and grant of easement, and construction damage release are contained in the Land Access Code jointly published by Federated Farmers Institute of New Zealand Incorporated and the Petroleum Exploration Association of New Zealand and dated May 1997. NGC is encouraged to engage in a review of the Land Access Code with Federated Farmers.
3. The Requiring Authority is obliged to operate the pipelines and ancillary facilities in accordance with the requirements of NZ/AS2885: Pipelines – Gas and Petroleum Liquids, and the Health and Safety in Employment (HSE) Pipelines Regulations 1999 and for the existing pipeline in accordance with the authorisation issued for those facilities in terms of the Petroleum Act 1937.
4. All necessary consents must be obtained from the Waikato Regional Council and Auckland Regional Council prior to the construction of the new facilities. Consultation with Department of Conservation and other affected parties will be required as part of obtaining these consents.
5. A resource consent to authorise the transmission of gas beneath State Highway 1 will need to be obtained from the Council prior to commissioning of the pipeline.
6. An authority may need to be obtained from the New Zealand Historic Places Trust to destroy, damage or modify an archaeological site(s) in accordance with the Historic Places Act 1993.
7. Pursuant and subject to Section 36 of the Resource Management Act 1991 the actual and reasonable costs incurred by the Council in monitoring conditions of this recommendation shall be paid by the Requiring Authority.
8. The cost of repairing poorly reinstated trenches has been estimated at 5-15% of the maintenance programme for local authorities. This was analysed in detail in Transfund Research report No. 249 entitled “Impact of Poorly Reinstated Trenches on Roughness”. The key performance indicators for assessing trench reinstatement are riding quality and surface defects which include corrugations, rutting and settlement. An assessment of the pavement performance can be made by back-calculation of Falling Weight Deflectometer (FWD) deflection data. The above noted surface defects can be measured before and after trenching using a laser profilometer (high speed data capture) for rutting, roughness, and texture depth.

DESIGNATION 236 – CONDITIONS - APPENDIX 1

Table 1: Traverse Pipeline Construction

Table 1: Transverse Pipeline Construction

Road Name	Start (m)	End (m)	Area	Hierarchy	Start Name	End Name	Rural or Urban	No. of Lanes	Length	Cway Width (m)	Volume of Heavy Vehic's (%)	Existing Surface	Proposed Seal	Est'd ADT	Actual ADT	Recently Constructed or Upgrade proposed	Comments
AIRFIELD RD (285)	2215	3663	ARDMORE	COLLECTOR	MILL RD	CORSAIR LANE	RURAL	2	1448	6.2	14	GRADE 3/5		2800		2004/05 OR 2005/06	Trenchless Construction
ALFRISTON RD (431)	1926	4025	ARDMORE	SECONDARY	MILL RD	ALFRISTON /ARDMORE RD	RURAL	2	2083	7.6	14	GRADE 3/6 CHIPSEAL		3600			Trenchless Construction
CLEVEDON RD (78)	1914	2236	ARDMORE	SECONDARY	BRIGHTWELL ST	DOMINION RD	URBAN	2	322			GRADE 3/5 CHIPSEAL		7075		2005/06	Trenchless Construction
FITZGERALD RD (322)	981	1439	DRURY	LOCAL	BROOKFIELD RD	FIELDING RD	RURAL	2	448	6.5	9	GRADE 3/5 CHIPSEAL		1396			Trenchless Construction
HAMLIN RD (836)	0	518	ARDMORE	COLLECTOR	COSGRAVE RD	H.P. GAS LINE	RURAL	2	518	6.3	9	GRADE 3/5 CHIPSEAL		850			Trenchless Construction
HAMLIN RD (836)	518	634	ARDMORE	COLLECTOR	H.P. GAS LINE	HAMLINS BRIDGE	RURAL	2	316	6.3	9	GRADE 3/5 CHIPSEAL		850			Trenchless Construction
HARRISON RD (401)	0	580	DRURY	LOCAL	QUARRY RD	END	RURAL	2	590	5	9	GRADE 4 CHIPSEAL		57	57		Trenchless Construction
HARRY DODD RD (402)	0	511	DRURY	LOCAL	APPLEBY RD	END	RURAL	1	627	4.6	9	GRADE 3/5 CHIPSEAL	SAME AS EXISTING SURFACE	50			Trenchless Construction
OLD WAIROA RD (174) SEE NOTE 1	2043	2670	ARDMORE	LOCAL	END OF KERB & CHANNEL	END	RURAL	2	627	2.9	9	GRADE 3/5 CHIPSEAL METAL ROAD		43	43	2005/06	Trenchless Construction
PAPAKURA/CLEVEDON RD (403)	0	1038	ARDMORE	SECONDARY	DOMINION RD	HEARD RD	RURAL	2	1038	7	14	GRADE 2 OR 4 CHIPSEAL		4112	4112		Trenchless Construction
PHILLIP RD (3288)	764	1682	ARDMORE	LOCAL	OLD SEAL JOIN	END	RURAL	2	898	6	9	GRADE 3/5 CHIPSEAL		264			Trenchless Construction
PONGA RD (870)	0	1230	RED HILL	COLLECTOR	OPAREKE RD	JACK PATRICKSON RD	RURAL	2	1230	6.5	9	GRADE 3/5 CHIPSEAL		1339	1339		Trenchless Construction
QUARRY RD (362)	1051	1442	DRURY	COLLECTOR	POWER PYLON (RHS)	HARRISON RD	RURAL	2	391	7.8	9	GRADE 2 OR 3 CHIPSEAL		750			Trenchless Construction
QUARRY RD (390)	1442	1831	DRURY	COLLECTOR	HARRISON RD	TELECOM MARKER POSTS (RHS)	RURAL	2	489	7.6	9	GRADE 2 OR 3 CHIPSEAL SOME MIX 10 AC		750			Trenchless Construction
WAIHOEHOE RD (390)	616	1344	DRURY	COLLECTOR	FITZGERALD RD	FIELDING RD	RURAL	2	728	7	9	GRADE 2 OR 3 CHIPSEAL		1900			Trenchless Construction
WALKER RD (381)	0	568	RED HILL	LOCAL	OPAREKE RD	END	RURAL	2	565	6	9	GRADE 3 CHIPSEAL		12	12		Trenchless Construction

Note 1:
It is likely that prior to laying of the NGC pipeline that Old Wairoa Road will be upgraded to a 2 lane carriageway and sealed.

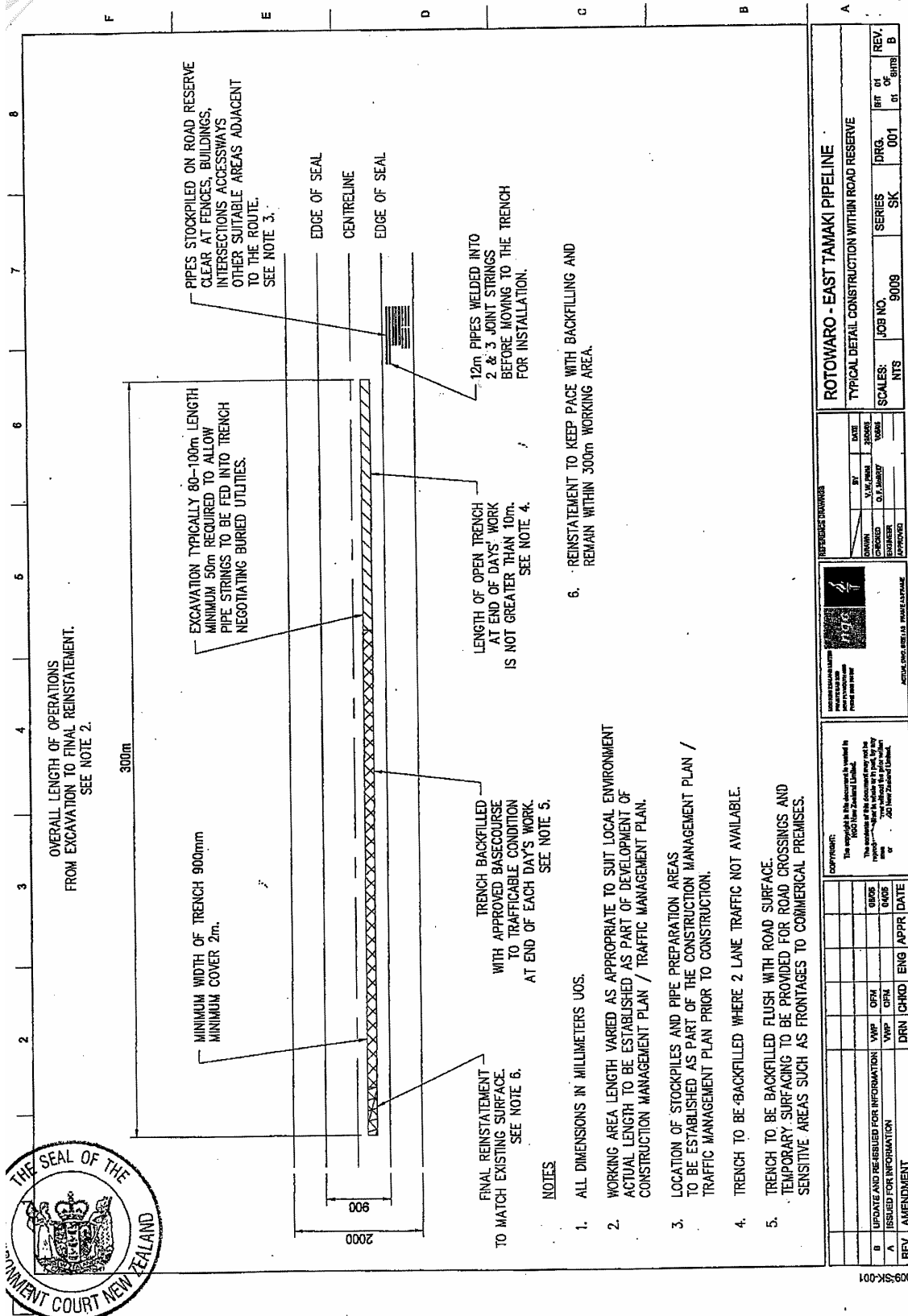
Table 2: Longitudinal Pipeline Construction

Table 2: Longitudinal Pipeline Construction

Road Name	Start (m)	End (m)	Area	Hierarchy	Start Name	End Name	Rural or Urban	No. of Lanes	Length	Cway Width (m)	Volume of Heavy Vehicle's (%)	Existing Surface	Proposed Seal	Est'd ADT	Actual ADT	Recently Constructed or Upgrade proposed	Comments
Boundary Rd (57)	674	1473	Red Hill	Secondary	NIMF Railway	Hunua Rd	Urban	2	799	8	3	MIX 10 AC	Mix 15 ac	1600	1640		Open trench construction
Creskery Rd (87)	0	243	Red Hill	Secondary	Hunua Rd	Bardane Pl	Urban	2	243	9.5	3	GRADE 2 CHIPSAL MIX 10 AC	Mix 15 ac	1100			Open trench construction
Dominion Rd (97)	243	547	Red Hill	Secondary	Bardane Pl	Dominion Rd	Urban	2	304	9.5	3	MIX 10 AC		1053	1053		Open trench construction
Dominion Rd (60)	0	596	Red Hill	Secondary	Claydon Rd	President Ave	Urban	2	596	7	3	GRADE 3	Mix 15 ac	3183	3183		Open trench construction
Dominion Rd (60) 1448	596	941	Red Hill	Secondary	President Ave	Sheehan Ave	Urban	2	345	7.2	3	CHIPSAL WITH		3200	2245	2004/05 (part)	Open trench construction
Dominion Rd (60)	941	1448	Red Hill	Secondary	Sheehan Ave	Settlement Rd	Urban	2	507	7.3	3	MIX 10 AC AT SIDE ROAD JUNCTIONS	Mix 15 ac	3200		2004/05	Open trench construction
Dominion Rd (60)	1448	1842	Red Hill	Secondary	Settlement Rd	Creskery Rd	Urban	2	394	9.9	3		Mix 15 ac	4085	4085	2004/05	Open trench construction
Hunua Rd (129)	659	1385	Red Hill	Secondary	Parer St	Boundary Rd	Urban	2	746	8.4	3	GRADE 3 OR 4 CHIPSAL, MIX 10 & MIX 10 AC	Mix 15 ac	3400	3446		Open trench construction
Settlement Rd (229)	2159	2719	Red Hill	Collector	Dominion Rd	Ridgeway Ave	Urban	2	560	8	3		Mix 15 ac	3350			Open trench construction

DESIGNATION 236 – CONDITIONS - APPENDIX 2

Drawing 9009-SK-001 Rev.B



DESIGNATION 237 - CONDITIONS

WATERCARE SERVICES LTD – BOOST PUMPING STATION

This designation is for the construction and operation of a boost pumping station for water reticulation purposes.

CONDITIONS

Pursuant to section 171(2)(a) of the Resource Management Act 1991, this requirement is subject to the following conditions:

1. The construction and operation of the boost pumping station shall be generally in accordance with the information and plans submitted with the Notice of Requirement being “Waikato River Water Source – Assessment of Environmental Effects” (Watercare Services Limited; February 1996) except where changes are to be made in order to give effect to the conditions that follow.
2. For the purposes of section 184 of the Resource Management Act 1991 this designation shall lapse fifteen years:
 - a. From the date on which it is included in the District Plan; or
 - b. From the date the water permit no.960089 granted to Watercare by the Waikato Regional Council to authorise the taking of water from the Waikato River commences in terms of section 116 of the Resource Management Act 1991

Whichever is the later.

3. Noise from construction activities including both site development and building development, shall not exceed the limits recommended in, and shall be measured and assessed in accordance with, NZS 6803P:1984 or subsequent equivalent standards. “The Measurement of Assessment of Noise from Construction, Maintenance and Demolition Work”.
4. That a wheel wash cleaning facility, or a similar facility or technique, shall be utilised on the site to provide for the cleaning of vehicle tyres by the vehicle operators before vehicles leave the site so as to prevent the tracking of soil or other material onto the local roading network. Should any material be deposited on the local roads it shall be removed immediately by Watercare.
5. No staff or workers other than caretaker/security staff are to live on the site during the construction phase.
6. Watercare shall confer with the Council to establish personnel from each respective organisation for the purposes of direct liaison on all matters concerning the carrying out of the works associated with the proposal. This will provide each party with an efficient means of contact and provide for both regular and, if necessary, more immediate, conferring over the relevant parts of the construction of the proposal.
7. Engineering drawings and specifications are to be submitted to the Council for approval showing details and specifications in regard to stormwater management including safeguarding against contamination of stormwater. The work proposed is to be to the satisfaction of the Council’s Director of Regulation. Approval of the engineering drawings covering this matter is to be obtained before the release of building consents.

8. The external cladding of the building shall be in tones and textures compatible with the semi-rural environment in which the building will be erected. Green and brown tonings would be well regarded. Reflected surfaces shall be avoided.
9. A landscape plan shall be submitted to Council for its approval showing all hard and soft landscaping together with species and their approximate heights of maturity. Approval for this is to be granted before release of the building consent. Planting shall be undertaken in the first suitable planting season.
10. At the time of lodging an application for building consent or any subsequent form of building approval for the facility, a noise certificate is to be provided to the Council by a suitably qualified acoustic engineer stating that the following noise levels, measured at or within the boundary of any land zoned Residential or the notional residential boundary of any Rural zoned land, will be achieved by the proposed facility:

Monday to Saturday	7.00am to 9.00pm	50 dBA L10
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At all other times including Public Holidays		45 dBA L10
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Within 3 months of commencement of the activity on this site a suitably qualified acoustic engineer is to measure the actual noise levels of the facility and is to confirm to the Council that the above noise standards are being met.

The noise levels shall be measured and assessed in accordance with the requirements of New Zealand Standard NZS6801:1991 "Measurement of Sound" and New Zealand Standards NZS6802:1991 "Assessment of Environmental Sound", or other subsequent appropriate standard existing at the time.

11. The signage and its maintenance shall be to the satisfaction of the Council's Director of Regulation.
12. The vehicle entrance, vehicle accessways, vehicle manoeuvring areas and parking shall be formed, sealed and provided with stormwater drainage to the appropriate standards of the Council.
13. There shall be no floodlighting of the building or site.
14. The reticulation of all electricity supply systems and telecommunications systems shall be underground unless it is determined, to the satisfaction of the Council, that it is not practicable to do so.
15. Certified as-built plans are to be provided for all piped drainage with these plans being provided to the Council to the satisfaction of the Director of Works and Services of the Council.
16. A Health and Safety Plan is to be provided prior to the commencement of any works on Council land.
17. All necessary resource consents and other authorisations as may be required from the Auckland Regional Council must be obtained prior to any works commencing upon the site.

18. Watercare shall ensure that the following management plans are prepared and approved by the Council prior to the commencement of construction:

- a. Structures Associated With The Pipeline – and more particularly that part relating to the boost pumping station.
- b. Construction Traffic.
- c. Erosion and Sediment Control.

All management plans prepared in accordance with this condition shall, in addition to the matters noted in conditions 19-21 hereof, set out the procedures to be followed and measures to be implemented by Watercare to ensure compliance with conditions 1-17 of this designation.

19. As a minimum the Structures Associated With The Pipeline (Boost Pumping Station) Management Plan shall include the following:

- a. A description of the project.
- b. A description of the construction activities and construction site management.
- c. A description of the procedures to be used by Watercare to control the effects of construction activities and comply with the conditions of this recommendation including (but not limited to) those measures to be used to control construction noise, dust, sediment runoff, erosion, public use of roads, deterioration of the existing roading infrastructure, traffic safety, visual effects, and operational noise.
- d. A description of the procedures to be used by Watercare to ensure adequate monitoring and liaison is undertaken with all relevant parties.

20. As a minimum the Construction Traffic Management Plan shall contain:

- a. A description of the general responsibilities of Watercare.
- b. A description of the procedures to be used by Watercare to ensure adequate monitoring and liaison is undertaken with all relevant parties.
- c. A description of general traffic management procedures.
- d. A description of the existing traffic environment.
- e. A description of the estimated traffic generation and principal construction traffic routes.
- f. A description of the procedures to be used by Watercare to control the effects of the construction activities and comply with the conditions of this recommendation including (but not limited to) those measures to be undertaken to control deterioration of the existing roading infrastructure, dust, noise, control of intersections, traffic safety, pedestrian safety and access to private property.

21. As a minimum the Erosion and Sediment Control Management Plan shall contain:

- a. A description of the project.
- b. A description of the methods to be used to control erosion and sediment runoff.
- c. The procedures to be used by Watercare to ensure adequate control measures are implemented.
- d. A description of the methods to be used to reinstate construction areas.
- e. The procedures to be used to ensure that inspection of the control measures is undertaken regularly and also at the end of the project.
- f. A statement of the various other procedures to be undertaken by Watercare to ensure adequate mitigation of environmental effects, and to comply with the conditions of this recommendation.

22. The management plans prepared in accordance with condition 18 hereof shall be submitted to the Council for approval. Management plans submitted to the Council shall be deemed to be approved after 20 working days of receipt unless notification is given by the Council within that period that the management plan has not been approved.
23. All activities undertaken by Watercare shall be in accordance with the management plans approved by Council.
24. Pursuant to section 36 of the Resource Management Act 1991 Watercare shall be responsible for paying for administrative charges relating to receiving, processing and recommending approval of the requirement. Watercare will be advised of the charges as they fall due, covering the fair and reasonable costs incurred by the Council and Watercare shall also pay Council's monitoring fees associated with its monitoring obligations as a consequence of the conditions on approval.