



## LAND INFORMATION MEMORANDUM

*Lim 1938*

**Name:** Andrew John

**Address:** 5 Pluto Place

PALMERSTON NORTH

**Site Address:** 240 Waughs Road

**Valuation Reference:** 14410/00103

**Land ID:** 12995

**Legal Description:** LOT 1 DP 73016 BLK II KAIRANGA SD –  
INT IN RIGHT TO DRAIN WATER-



THIS LAND INFORMATION MEMORANDUM IS ISSUED IN ACCORDANCE WITH THE  
LOCAL GOVERNMENT OFFICIAL INFORMATION AND MEETINGS ACT 1987.

### **Rating Information**

**Valuation as at 1<sup>st</sup> December 2004**

**Land Value:** \$ 190,000.00

**Capital Value:** \$ 410,000.00

**Land Area:** 0.8577 ha

**Current owner/occupier:** Corbett John William

**Rates are levied for the period 1/07/2008 to 30/06/2009:** \$ 942.30

Council provides for 3 rate instalments per year as follows:

Instalment	Period	Last day for payment
1	1/07/2008 - 31/10/2008	19 September 2008
2	1/11/2008 - 28/02/2009	16 January 2009
3	1/03/2009 - 30/06/2009	15 May 2009

**The rates are paid to:** 31 October 2008

**Balance to clear to 30/06/2009** \$ 628.20

**Current Instalment No:** 1 of 3 of \$ 314.10

District Valuation Roll identification number (DVR ID): 12995

Valuation Reference Number: 14410/00103

**Comments:**

**Environmental Services Information**

**Statutory Licences:**

There are no licences recorded against this property.

**Public or environmental health hazards known (Including contaminated land):**

There are no known health hazards for this property.

**Swimming Pool Fencing:**

There are no swimming pools recorded against this property.

**Other (if applicable):**

**Planning Department**

**Zoning:**

The property is zoned Rural under the Manawatu District Plan. The rules for this zone are attached.

**Resource Consents:**

There is no resource consent data available.

**Other resource consents in the locality:**

No resource consent data is available for other activities in the locality.

**Building Services**

**Building consents/permits/notices/other issued:**

<u>Date Issued</u>	<u>Compliance Issued</u>	<u>Description</u>	<u>Number</u>
19/05/2003	Yes	Small Work-F/Standing Masport LE3000 SFBA	113236
23/01/2002	No	Small Work-F/Standing Contessa SFBA	111681
06/09/2000	Yes	Small Work-Effluent disposal	110304
		Plans Available: Site, P&D, Foundation, Building.	
21/01/1998	Yes	Housing-Kitchen and dining room addition	104510
		Plans Available: Building.	
24/08/1994	Yes	Housing-Bathroom alterations	101098
		Plans Available: Floor.	
16/10/1991	N/A	Housing-Relocated office ex Palmerston North	J45202
		Plans Available: Site, Foundation, Building.	

**Certificate of Acceptances:**

<u>Date Issued</u>	<u>Description</u>	<u>Number</u>
None		

**Building Memos:**

<u>Date Issued</u>	<u>Description</u>	<u>Type</u>
None		

**Comments:**

Copies of building consents/permits attached.

Plans and specifications are available for viewing at the council office.

## Asset Management Information

**Water supply scheme:** Unavailable in this area.

**Status:**

**Type of supply:** N/A **Allocation:** N/A

**Connection location (where recorded):** N/A

**Sewer Scheme:** Unavailable in this area.

**Status:** N/A

**Type of service:** N/A

**Connection location (where recorded):** N/A

**Stormwater:** N/A

**Refuse Bag Collection:** Refuse collection is available on Wednesday.

**Comments:** VEHICLE CROSSINGS

Full construction and maintenance of the vehicle access to the property is the responsibility of the land owner. This access must meet Council standards.

The property should have an approved Motor Vehicle Crossing. Contact Transit NZ to discuss their requirements regarding access of State Highways.

### DECLARATION:

This Land Information Memorandum has been prepared for the purposes of Section 44A of the Local Government Official Information and Meetings Act 1987 and contains all the information known to Council relevant to the land described. It is based on a search of Council records only and there may be other information relating to the land that is not known to Council. Council has not undertaken any inspection of the land, or any buildings on it, for the purposes of preparing the Land Information Memorandum.

Signed for and on behalf of the Manawatu District Council.



COMMUNITY AND ENVIRONMENT GROUP MANAGER

Please refer to the Manawatu-Wanganui Regional Council, Private Bag 11-025, Palmerston North Telephone 357 9009, for land information held on their files.



## APPLICATION FOR LAND INFORMATION MEMORANDUM

Private Bag 10-001, Feilding. Phone: (06) 323 0000, Fax: (06) 323 0822

### SITE DETAILS

I hereby request information for the property at:

**Site Address:** 240 Waughs Road

**Legal Description:** LOT 1 DP 73016 BLK II KAIRANGA SD -INT IN RIGHT TO DRAIN WATER-

**Lot:** LOT 1

**DP:** DP 73016

**Valuation Reference:** 14410/00103

**Land ID:** 12995

**Owner:** Corbett John William

### APPLICANT DETAIL

**Name of Applicant:** Andrew John

**Address of Applicant:** 5 Pluto Place, PALMERSTON NORTH

**Telephone:** 0274 373 850

**Facsimile:**

**Signed:**

**Dated:** 25/09/2008

**Please treat this application as:** Urgent

**Land Information Memorandum fees:** \$ 102.00 for residential applications  
\$ 133.00 for commercial applications  
an additional fee of \$ 31.00 for applications which are requested to be dealt with in an urgent manner

**Please enclose your cheque with this application.** Faxed applications will be accepted, however, applications will not begin processing until payment has been received. Except for urgent requests for information (where a three day processing time is proposed), the time taken to produce this information should be less than the ten working days specified in the Local Government Official Information and Meetings Act 1987. Information provided in the LIM is based on administrative research only; requests for site inspections will attract additional fees.

### OFFICE USE ONLY

**Fee received:** \$ 133.00

**Receipt No:** 217298

*category*

**Date received:** 25/09/2008

**Received by:** CYNTHIA

**Date completed:** 29/09/2008

**Action completed by:** CYNTHIA



Base

Scale 1:3,845

Printed 25/09/2008 8:36:48 a.m.



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## PROJECT INFORMATION MEMORANDUM

Section 31, Building Act 1991

P.I.M. No. 113236	Date Received 16-May-2003	Date Actioned 19-May-2003
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APPLICANT / CONTACT	PROJECT
<p><b>Applicant Name</b> Corbett John William</p> <p><b>Address</b> 240 Waughs Rd R D 5 FEILDING 5600</p> <p><b>Telephone No</b> 06 323 2748</p> <p><b>Contact Name</b></p> <p><b>Address</b></p> <p><b>Contact Phone No</b></p> <p><b>Contact Fax No</b></p>	<p><b>Description of Project</b> Install Masport LE 3000 Free Standing Woodfire</p> <p><b>Proposed Use</b> Heating</p> <p><b>Intended Life</b> 0</p> <p><b>Project Classification</b> SMALL WORK</p> <p><b>Project Types</b> Alterations, repairs, extensions and resiting.</p> <p><b>No of Stages</b> 1</p> <p><b>Producer Statement</b></p> <p><b>Approximate Value</b> \$2,000.00</p>
PROPERTY	
<p><b>Street Location</b> 240 Waughs</p> <p><b>Legal Description</b> LOT 1 DP 73016 BLK II KAIRANGA SD -INT IN RIGHT TO DRAIN WATER-</p> <p><b>Valuation No</b> 14410 / 00103</p>	

This Project Information Memorandum includes all information known to this authority and is issued in accordance with the Building Act 1991.

This project information memorandum is:

- Confirmation that the proposed building work may be undertaken, subject to the provisions of the Building Act 1991 and any requirements of the building consent
- Not yet applied for
- No.....attached
- Notification that other authorisations must be obtained before a building consent will be issued.
- Notification that the proposed building work may not be undertaken because a necessary authorisation has been refused.

<p><b>Signed for and on behalf of the Manawatu District Council</b></p>	 Name Building Officer
	<p><b>Position</b></p>

## PROPERTY MEMORANDA

There are no Town Planning requirements.

Engineering: No requirements.

The building is to comply with the Building Act 1991.

Plumbing and/or Drainage work is to comply with the N.Z Building Code 1992

Please install as per manufacturers installation instructions

Domestic smoke alarms are required to be installed.

There are no known General Bylaw Implications to this application

There are no Environmental Health requirements.

# Manawatu District Council

135 Manchester Street  
Private Bag 10-001  
FEILDING  
Phone (06) 323 0000  
Fax (06) 323 8711

## BUILDING CONSENT NO. 113236 / 1

Section 35, Building Act 1991

Issued in accordance with Project Information Memorandum No 113236

APPLICANT / CONTACT	STAGE DETAILS
<b>Applicant Name</b> Corbett John William <b>Address</b> 240 Waughs Rd R D 5 FEILDING 5600  <b>Telephone No</b> 06 323 2748 <b>Contact Name</b>  <b>Address</b>   <b>Contact Phone No</b> <b>Contact Fax No</b>	<b>Stage Number 1</b> <b>Description of Stage</b> Install Masport LE 3000 Free Standing Woodfire  <b>Building Type</b> Solid Fuel Heater <b>Detailed Use</b> Heating  <b>Intended Life 0</b> <b>Stage Classification</b> SMALL WORK  <b>Stage Type</b> Alterations, repairs, extensions and resiting.  <b>No of Units 1</b>  <b>No of Storey 1</b>  <b>Floor Area 0 sq metres</b>  <b>Designer</b>  <b>Value of Stage \$2,000.00</b>
PROPERTY	
<b>Street Location</b> 240 Waughs  <b>Legal Description</b> LOT 1 DP 73016 BLK II KAIRANGA SD -INT IN RIGHT TO DRAIN WATER-  <b>Valuation Roll No 14410 / 00103</b>	

This building permit is a consent under the Building Act 1991 to undertake building work in accordance with the attached plans and specifications so as to comply with the provisions of the Building Code. It does not affect any duty or responsibility under any other Act nor permit any breach of any other Act. This building consent is issued subject to any endorsements specified in the attached pages.....headed consent endorsements.....

<b>Signed for and on behalf of the Manawatu District Council</b>	 <b>Name Building Officer</b>
<b>Position</b>	<b>Date 19-May-2003 Time 06:01 PM</b>

# Manawatu District Council

## CODE COMPLIANCE CERTIFICATE

Issued in accordance with Section 43(3) of the Building Act 1991. Page 1 of 1

APPLICANT/CONTACT	STAGE DETAILS
<p><b>Applicant Name</b> Corbett John William</p> <p><b>Address</b> 240 Waughs Rd R D 5 FEILDING 5600</p> <p><b>Telephone No</b> 06 323 2748</p> <p><b>Contact Name</b></p> <p><b>Address</b></p> <p><b>Contact Phone No</b></p> <p><b>Contact Fax No</b></p>	<p><b>Building Consent No</b> 113236</p> <p><b>Stage Number</b> 1</p> <p><b>Description of Stage</b> Install Masport LE 3000 Free Standing Woodfire</p> <p><b>Building Type</b> Solid Fuel Heater</p> <p><b>Detailed Use</b> Heating</p> <p><b>Intended Life</b> 0 Years</p> <p><b>Brief Desc</b> SMALL WORK</p> <p><b>Stage Type</b> Alterations, repairs, extensions and resiting.</p> <p><b>No of Units</b> 1</p> <p><b>No of Storeys</b> 1</p> <p><b>Floor Area</b> 0 Sq. Metres</p> <p><b>Designer</b></p> <p><b>Value of Stage</b> 2000</p>
PROPERTY	
<p><b>Street Location</b> 240 Waughs</p> <p><b>Valuation Roll No</b> 14410 00103</p> <p><b>Legal Description</b> LOT 1 DP 73016 BLK II KAIRANGA SD -INT IN RIGHT TO DRAIN WATER-</p>	

This is a final code compliance certificate issued in respect of all of the building work under the above consent. It is subject to any condition specified in the attached "Conditions of Code Compliance Certificate".

**Signed for and on behalf of the  
Manawatu District Council**

**Position**

  
**Name** Building Officer

**Date** 21 MAY 2003 **Time** 10:29

# Manawatu District Council

135 Manchester Street  
 Private Bag 10-001  
 FEILDING  
 Phone (06) 323 0000  
 Fax (06) 323 8711

## BUILDING CONSENT NO. 111681 / 1

Section 35, Building Act 1991

Issued in accordance with Project Information Memorandum No 111681

APPLICANT / CONTACT	STAGE DETAILS		
<p><b>Applicant Name</b> Roberts Peter Thomas</p> <p><b>Address</b> 240 Waughs Rd R D 5 FEILDING 5600</p> <p><b>Telephone No</b> 06 323 5292</p> <p><b>Contact Name</b> Heatrite</p> <p><b>Address</b> P O Box 4113 PALMERSTON NORTH</p> <p><b>Contact Phone No</b> 06 356 5600  <b>Contact Fax No</b> 06 359 1301</p>	<p><b>Stage Number</b> 1</p> <p><b>Description of Stage</b> Install free standing Contessa fire</p> <p><b>Building Type</b> Free Standing Fire (Yunka etc)</p> <p><b>Detailed Use</b> Domestic Heating</p> <p><b>Intended Life</b> 0</p> <p><b>Stage Classification</b> SMALL WORK</p> <p><b>Stage Type</b> Alterations, repairs, extensions and re-siting</p>		
PROPERTY	<table border="1"> <tr> <td data-bbox="821 1153 1540 1599"> <p><b>Street Location</b> 240 Waughs</p> <p><b>Legal Description</b> LOT 1 DP 73016 BLK II KAIRANGA SD -INT IN RIGHT TO DRAIN WATER-</p> <p><b>Valuation Roll No</b> 14410 / 00103</p> </td> <td data-bbox="821 1153 1540 1599"> <p><b>APPLIANCES</b></p> <p>APPLIANCE TO BE INSTALLED AS PER                      No of Units 1 NZS 7421                      MANUFACTURERS INSTALLATION                      No of Storey 1 INSTRUCTIONS.</p> <p>Floor Area 0 sq metres                      PLEASE ADVISE INSPECTOR WHEN                      INSTALLING —</p> <p>Designer APPLIANCE NOT TO BE USED UNTIL                      INSPECTED.</p> <p><b>Value of Stage</b> \$2,800.00</p> </td> </tr> </table>	<p><b>Street Location</b> 240 Waughs</p> <p><b>Legal Description</b> LOT 1 DP 73016 BLK II KAIRANGA SD -INT IN RIGHT TO DRAIN WATER-</p> <p><b>Valuation Roll No</b> 14410 / 00103</p>	<p><b>APPLIANCES</b></p> <p>APPLIANCE TO BE INSTALLED AS PER                      No of Units 1 NZS 7421                      MANUFACTURERS INSTALLATION                      No of Storey 1 INSTRUCTIONS.</p> <p>Floor Area 0 sq metres                      PLEASE ADVISE INSPECTOR WHEN                      INSTALLING —</p> <p>Designer APPLIANCE NOT TO BE USED UNTIL                      INSPECTED.</p> <p><b>Value of Stage</b> \$2,800.00</p>
<p><b>Street Location</b> 240 Waughs</p> <p><b>Legal Description</b> LOT 1 DP 73016 BLK II KAIRANGA SD -INT IN RIGHT TO DRAIN WATER-</p> <p><b>Valuation Roll No</b> 14410 / 00103</p>	<p><b>APPLIANCES</b></p> <p>APPLIANCE TO BE INSTALLED AS PER                      No of Units 1 NZS 7421                      MANUFACTURERS INSTALLATION                      No of Storey 1 INSTRUCTIONS.</p> <p>Floor Area 0 sq metres                      PLEASE ADVISE INSPECTOR WHEN                      INSTALLING —</p> <p>Designer APPLIANCE NOT TO BE USED UNTIL                      INSPECTED.</p> <p><b>Value of Stage</b> \$2,800.00</p>		

This building permit is a consent under the Building Act 1991 to undertake building work in accordance with the attached plans and specifications so as to comply with the provisions of the Building Code. It does not affect any duty or responsibility under any other Act nor permit any breach of any other Act. This building consent is issued subject to any endorsements specified in the attached pages.....headed consent endorsements.....

<p><b>Signed for and on behalf of the                  Manawatu District Council</b></p>	 Name Building Officer
<p><b>Position</b></p>	<p><b>Date</b> 23-Jan-2002      <b>Time</b> 04:02 PM</p>

## PROJECT INFORMATION MEMORANDUM

Section 31, Building Act 1991

P.I.M. No. 111681	Date Received 22-Jan-2002	Date Actioned 23-Jan-2002
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APPLICANT / CONTACT	PROJECT
<p><b>Applicant Name</b> Roberts Peter Thomas</p> <p><b>Address</b> 240 Waughs Rd RD 5 FEILDING 5600</p> <p><b>Telephone No</b> 06 323 5292</p> <p><b>Contact Name</b> Heatrite</p> <p><b>Address</b> P O Box 4113 PALMERSTON NORTH</p> <p><b>Contact Phone No</b> 06 356 5600 <b>Contact Fax No</b> 06 359 1301</p>	<p><b>Description of Project</b> Install free standing Contessa fire</p> <p><b>Proposed Use</b> Domestic Heating</p> <p><b>Intended Life</b> 0</p> <p><b>Project Classification</b> SMALL WORK</p> <p><b>Project Types</b> Alterations, repairs, extensions and resiting.</p> <p><b>No of Stages</b> 1</p> <p><b>Producer Statement</b></p> <p><b>Approximate Value</b> \$2,800.00</p>
PROPERTY	
<p><b>Street Location</b> 240 Waughs</p> <p><b>Legal Description</b> LOT 1 DP 73016 BLK II KAIRANGA SD -INT IN RIGHT TO DRAIN WATER-</p> <p><b>Valuation No</b> 14410 / 00103</p>	

This Project Information Memorandum includes all information known to this authority and is issued in accordance with the Building Act 1991.

This project information memorandum is:

- Confirmation that the proposed building work may be undertaken, subject to the provisions of the Building Act 1991 and any requirements of the building consent
- Not yet applied for
- No.....attached
- Notification that other authorisations must be obtained before a building consent will be issued.
- Notification that the proposed building work may not be undertaken because a necessary authorisation has been refused.

<b>Signed for and on behalf of the Manawatu District Council</b>	 Name Building Officer
<b>Position</b>	<b>Date</b> 23-Jan-2002 <b>Time</b> 04:02 PM

## PROPERTY MEMORANDA

There are no Town Planning requirements.

Engineering: No requirements.

The building is to comply with the Building Act 1991.

Plumbing and/or Drainage work is to comply with the N.Z Building Code 1992

Please install as per manufacturers installation instructions

There are no known General Bylaw Implications to this application

There are no Environmental Health requirements.

# Manawatu District Council

135 Manchester Street  
Private Bag 10-001  
FEILDING  
Phone (06) 323 0000  
Fax (06) 323 8711

## PROJECT INFORMATION MEMORANDUM

Section 31, Building Act 1991

P.I.M. No. 110304

Date Received 6-Sep-2000

Date Actioned 6-Sep-2000

### APPLICANT / CONTACT

**Applicant Name**  
Roberts Peter Thomas  
**Address** 240 Waughs Rd  
RD 5  
FEILDING

**Telephone No**  
**Contact Name**  
Shane O'Hagan  
**Address**  
91 North St  
FEILDING

**Contact Phone No** 323 0426  
**Contact Fax No** 323 0426

### PROPERTY

**Street Location**  
240 Waughs Rd

**Legal Description**  
LOT 1 DP 73016 BLK II KAIRANGA SD -INT IN RIGHT TO  
DRAIN WATER-

**Valuation No** 14410 / 00103

### PROJECT

**Description of Project**  
Effluent Disposal

**Proposed Use**  
Effluent Disposal

**Intended Life** <0

**Project Classification**  
SMALL WORK

**Project Types**  
Alterations, repairs, extensions and resiting.

**No of Stages** 1

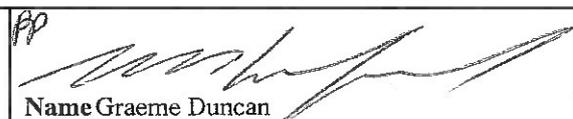
**Producer Statement**

**Approximate Valu** \$5,000.00

This Project Information Memorandum includes all information known to this authority and is issued in accordance with the Building Act 1991.  
This project information memorandum is:

- Confirmation that the proposed building work may be undertaken, subject to the provisions of the Building Act 1991 and any requirements of the building consent  
Not yet applied for  No...110304...attached   
 Notification that other authorisations must be obtained before a building consent will be issued.  
 Notification that the proposed building work may not be undertaken because a necessary authorisation has been refused.

**Signed for and on behalf of the  
Manawatu District Council**

  
Name Graeme Duncan

**Position** Building Officer

**Date** 06-Sep-2000

**Time** 11:33 AM

## PROPERTY MEMORANDA

There are no Town Planning requirements.

OPERATIONS: No requirements.

The building is to comply with the Building Act 1991.

Plumbing and/or Drainage work is to comply with the N.Z Building Code 1992

There are no known General Bylaw Implications to this application

There are no Environmental Health requirements.

# Manawatu District Council

135 Manchester Street  
Private Bag 10-001  
FEILDING  
Phone (06) 323 0000  
Fax (06) 323 8711

## BUILDING CONSENT NO. 110304 / 1

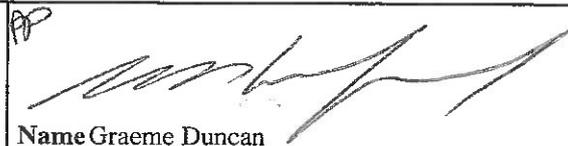
Section 35, Building Act 1991

Issued in accordance with Project Information Memorandum No 110304

APPLICANT / CONTACT	STAGE DETAILS
<b>Applicant Name</b> Roberts Peter Thomas	<b>Stage Number 1</b>
<b>Address</b> 240 Waughs Rd R D 5 FEILDING	<b>Description of Stage</b> Effluent Disposal
<b>Telephone No</b>	<b>Building Type</b> Dwelling (Additions)
<b>Contact Name</b> Shane O'Hagan	<b>Detailed Use</b> Effluent Disposal
<b>Address</b> 91 North St FEILDING	<b>Intended Life</b> <0
<b>Contact Phone No</b> 323 0426	<b>Stage Classification</b> SMALL WORK
<b>Contact Fax No</b> 323 0426	<b>Stage Type</b> Alterations, repairs, extensions and resiting.
<b>PROPERTY</b>	<b>No of Units</b> 1
<b>Street Location</b> 240 Waughs Rd	<b>No of Storey</b> 1
<b>Legal Description</b> LOT 1 DP 73016 BLK II KAIRANGA SD -INT IN RIGHT TO DRAIN WATER-	<b>Floor Area</b> sq metres
<b>Valuation Roll No</b> 14410 / 00103	<b>Designer</b>
	<b>Value of Stage</b> \$5,000.00

This building permit is a consent under the Building Act 1991 to undertake building work in accordance with the attached plans and specifications so as to comply with the provisions of the Building Code. It does not affect any duty or responsibility under any other Act nor permit any breach of any other Act. This building consent is issued subject to any endorsements specified in the attached pages.....headed consent endorsements.....

**Signed for and on behalf of the  
Manawatu District Council**

  
Name Graeme Duncan

**Position** Building Officer

**Date** 06-Sep-2000

**Time** 11:33 AM

# Manawatu District Council

## CODE COMPLIANCE CERTIFICATE

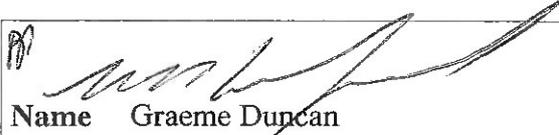
Issued in accordance with Section 43(3) of the Building Act 1991.

APPLICANT/CONTACT		STAGE DETAILS	
<b>Applicant Name</b>	Roberts Peter Thomas	<b>Building Consent No</b>	110304
<b>Address</b>	240 Waughs Rd R D 5 FEILDING	<b>Stage Number</b>	1
<b>Telephone No</b>		<b>Description of Stage</b>	Effluent Disposal
<b>Contact Name</b>	Shane O'Hagan	<b>Building Type</b>	Dwelling (Additions)
<b>Address</b>	91 North St FEILDING	<b>Detailed Use</b>	Effluent Disposal
<b>Contact Phone No</b>	323 0426	<b>Intended Life</b>	<0 Years
<b>Contact Fax No</b>	323 0426	<b>Brief Desc</b>	SMALL WORK
<b>PROPERTY</b>		<b>Stage Type</b>	Alterations, repairs, extensions and resiting.
<b>Street Location</b>	240 Waughs Rd	<b>No of Units</b>	1
<b>Legal Description</b>	LOT 1 DP 73016 BLK II KAIRANGA SD -INT IN RIGHT TO DRAIN WATER-	<b>No of Storeys</b>	1
<b>Valuation Roll No</b>	14410 00103	<b>Floor Area</b>	Sq. Metres
		<b>Designer</b>	
		<b>Value of Stage</b>	5000

This is a final code compliance certificate issued in respect of all of the building work under the above consent. It is subject to any condition specified in the attached "Conditions of Code Compliance Certificate".

**Signed for and on behalf of the  
Manawatu District Council**

**Position** Building Officer

  
**Name** Graeme Duncan

**Date** 13 SEP 2000 **Time** 14:52

**ROBERTS HOUSE**

**WAUGHS ROAD**

**BUNNYTHORPE**

**WASTEWATER REPORT**

# INDEX

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Septic Tank and Effluent Disposal System	3
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Selection of Suitable Plant Species	10
Installer Declaration (to be completed and returned)	11

5 August 2000

Reference:40900

CLIENT: Mr & Mrs Robetts  
CONTACT: Mr Shane O'Hagan  
JOB DETAILS: New LPED System

Designed by  
DAVE MILLER  
Environmental Engineer

---

## INTRODUCTION

This design relates to the wastewater disposal for the Roberts house at 17 Waughs Road, Bunnythorpe. The high water table has flooded the existing effluent trenches is preventing effluent from soaking into the soil. Sewage from the house is unable to flow into the septic tank resulting in sewage back up.

Test holes dug in the area of the proposed effluent disposal area revealed 150-200mm of topsoil overlying a clay base. This places the site in Category 'D' as defined in NZS 4610:1982 requiring a specific engineering design.

Traditional gravity septic tank systems in this soil have a history of poor performance (as demonstrated in this case) largely due to the effluent trenches being constructed below the water table or in the clay layer where the soakage is minimal. This, together with the known faults of traditional septic tank systems, namely, septic tank sludge sealing the natural pores in the ground and gravity fed effluent overloading the soil around the point of entry, have resulted in many septic tank systems failing.

The design criteria is based on TP 58 (by Ian Gunn) for a three bedroom house (with an additional sleepout) with up to 6 occupants, each using 140 litres of water per day. The percolation rate has been assessed at 5mm per square metre per day.

This design seeks to extend the life of traditional gravity fed trenches by filtering the effluent and distributing it throughout the effluent trenches via a pressure system at a rate that the ground can absorb and treat it. The trenches are to be installed along the contour level to maintain a depth of 200mm. The trenches require flow control assemblies to equalise the flow of effluent into the trenches.

## WASTEWATER DESIGN

The household sewage shall be collected in the existing single chambered septic tank which shall be retrofitted with an approved effluent filter. The effluent will flow into a separate pump chamber where the pump will provide the pressure necessary to distribute the effluent evenly throughout the disposal trenches.

The effluent shall be disposed of through a Low Pressure Effluent Dosing (LPED) system comprising 160 metres of trenches as detailed in the attached drawings. There is ample room for extension or duplication of these trenches in the future if desired or required.

1. Fit an *ORENCO* effluent filter into the existing septic tank with a sealed access riser brought to the surface. This design incorporates the *ORENCO* (OSI) effluent filter which protects the effluent trenches from carry over solids by reducing the total suspended solids (TSS) from the septic tank from 125 to 33 parts per million. Tests from over 4800 septic tanks over a 15 year period confirm the reliability and validity of this filters performance. As this is a proprietary computer design specifically designed for OSI filters, substitution of other brands of effluent filter is not permitted
2. Install a pump chamber (minimum 600mm $\varnothing$ ) containing a Lowara Domo 7 (or similar approved) stainless steel submersible effluent pump with a flow rate of 200 litres per minute @ 3 metre head fitted with an automatic control float set at its full operating extension. The pump assembly must include a Mac Union or detachable coupling within easy reach of the surface and a 'ball type' non return valve on the pumping line. As the disposal field is lower than the pump chamber an anti-syphon will be required to be fitted in the pump chamber. Ensure the septic tank and pump chamber are completely watertight.

3. A pressure test point (to enable a pressure reading to be taken) will be fitted on the pressure line within the pump chamber in a position where it can be easily read. The initial operating pressure shall be recorded, preferably with a marker pen, within the pump chamber and the power meter. The pressure reading will be used to determine the lateral line flushing intervals as per the maintenance section of this report.
4. The effluent disposal trenches are to be 8 x 20 metres trenches spaced 2 metres apart as shown on the accompanying plans. This disposal system can also be extended in size in the future if desired or required. The trenches are **200mm deep and 200mm wide with the 25Ø pressure pipe laid inside 110Ø Novaflow**. The Novaflow must be covered with Biddum filter cloth which prevents soil being washed into the Novaflow and is also sufficiently permeable to allow the circulation of air. Flushing points situated inside fresh air inlets are to be located at the end of each lateral.
5. The laterals are drilled with evenly spaced **3mmØ squirt holes at 1.5 metre centres** drilled into the top of the lateral pipes. This ensures the effluent discharge rate from each lateral does not exceed the designed parameter of 1.45 litres per minute and evenly distributes the effluent throughout the trenches.
6. During installation the ground level at the beginning of each effluent trench must be recorded and communicated to me so I can calculate the correct size hole to be drilled in the flow control discs assemblies. The Flow Control Assemblies - Hole Sizing Chart is included in this report for this purpose. These holes compensate for the hydraulic differential between disposal trenches at varying levels. If you do not have the sizes an engineering workshop may drill the holes for you. It is critical the correct sizes be drilled. The flow control details will be forwarded to the Council as an addendum to this design and can be attached to the consent documents.

The owner should prevent stock access to the disposal area by additional fencing as required. This area should be planted with selected trees and shrubs to assist transpiration, a list of suitable plants is attached.

### MAINTENANCE

The filter and pump should be inspected on an annual basis and I enclose a leaflet on the filter maintenance procedure for your information. The pump should also be inspected to ensure the floats are clear of any build up that might inhibit their operation. The pump intake and pump chamber base should also be checked to ensure no sediment build up occurred.

If there is a sediment build up in the pump chamber this should be pumped out and the effluent distribution laterals may need flushing. The lateral lines require flushing when the pressure reading on the pump chamber gauge has increased 10% from that originally recorded. This can be done by opening the flushing points and briefly operating the pump to clear each line in turn.

Generally the septic tank and filter should only require cleaning every 8 to 10 years and the lateral lines every 5 years or so. This work may be carried out by the installing plumber upon request. The Territorial Authority may request or require this to be carried out as a condition of the building consent.

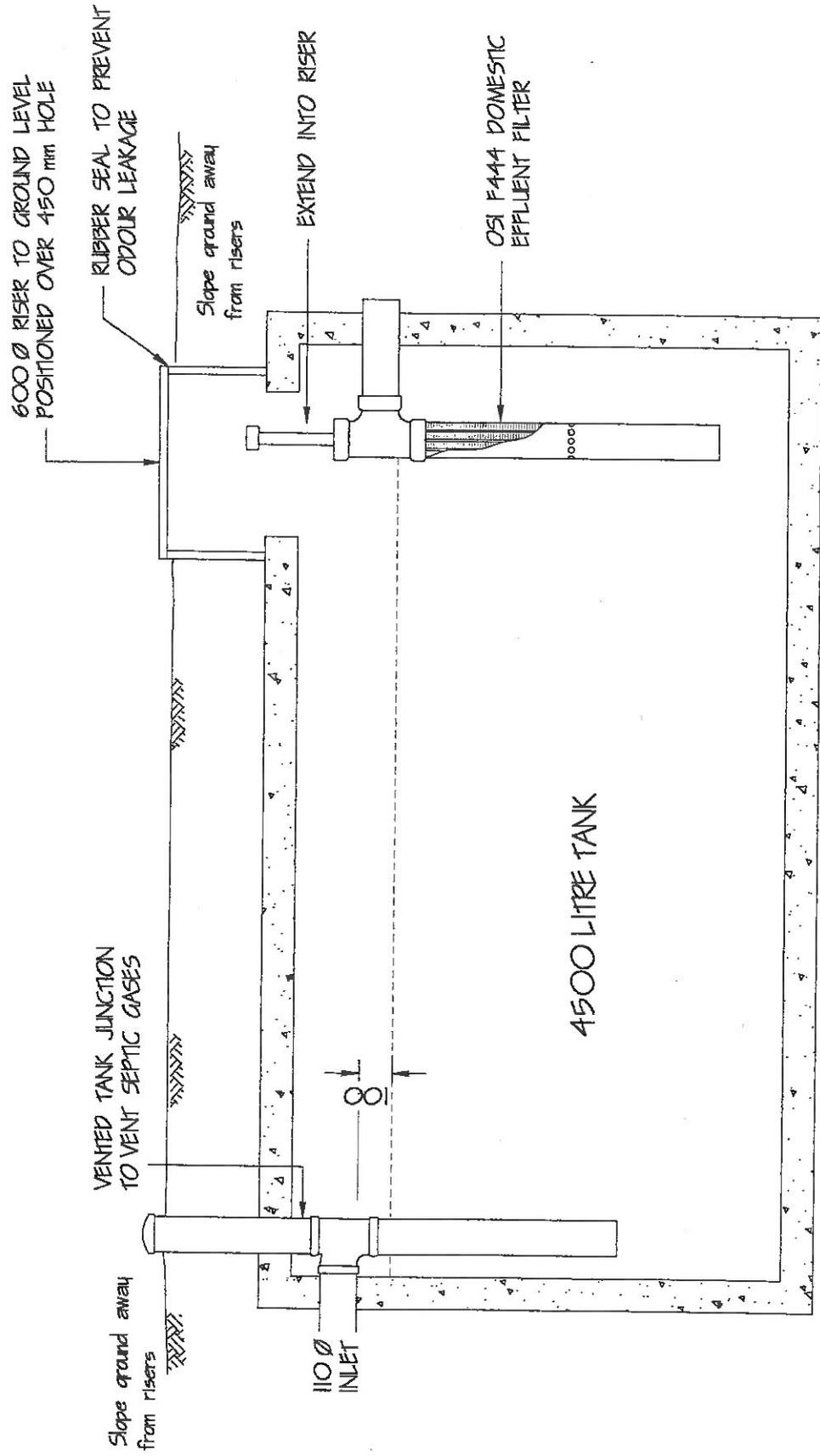
However, should you have any queries or require any additional information please do not hesitate to contact me.



Dave Miller  
Environmental Engineer

New Zealand Certificate of Engineering (Int) Civil  
Member: Water Environment Federation (USA)  
Member: Water and Waste Association (NZ)  
Licensed Drainlayer- Gold Card No # 10805

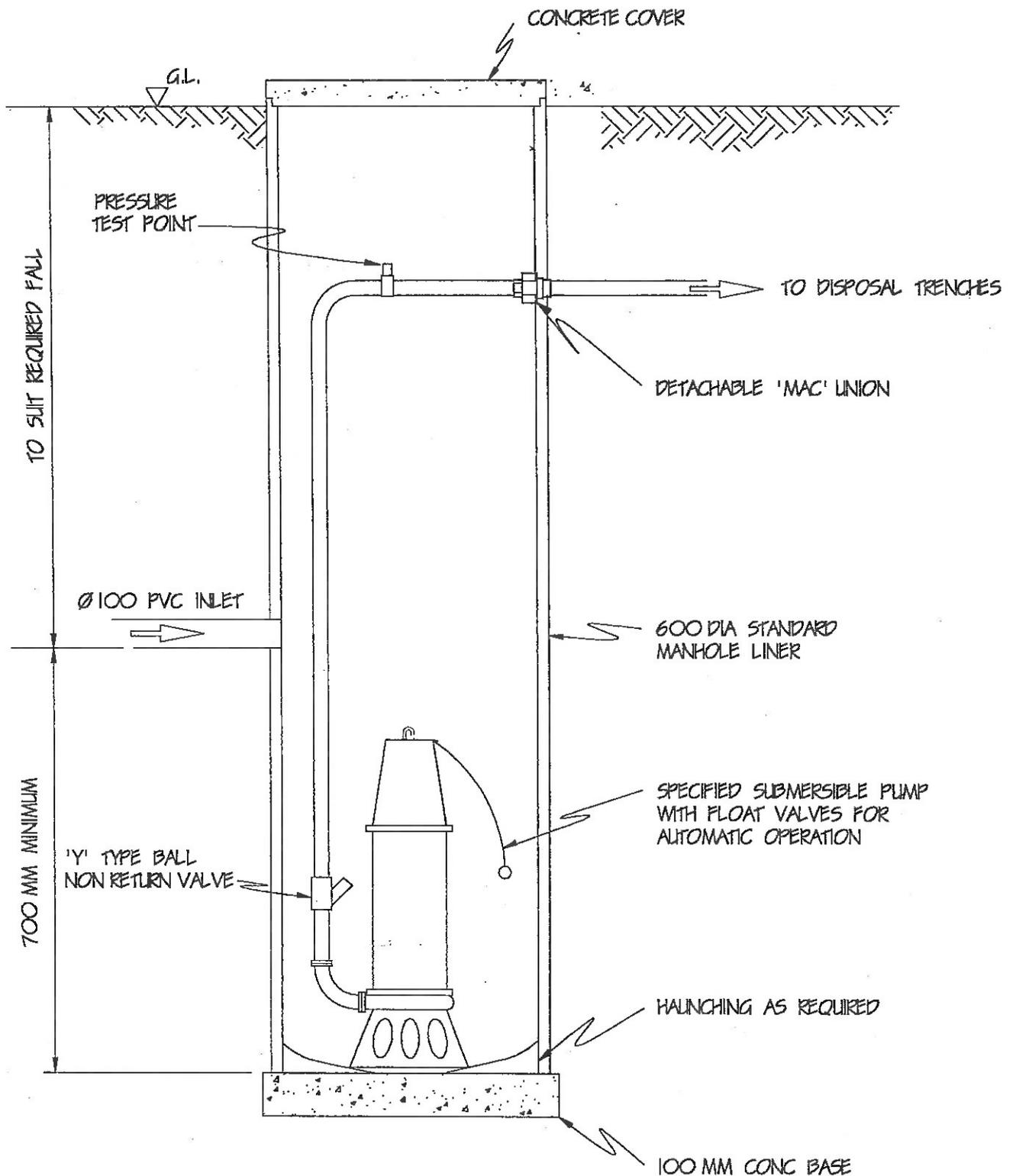




**NOTE**  
SEPTIC TANK TO BE CONSTRUCTED AND TESTED  
AS REQUIRED BY AS/NZS 1546.1:1998

**4500L SEPTIC TANK WITH OSI EFFLUENT FILTER**

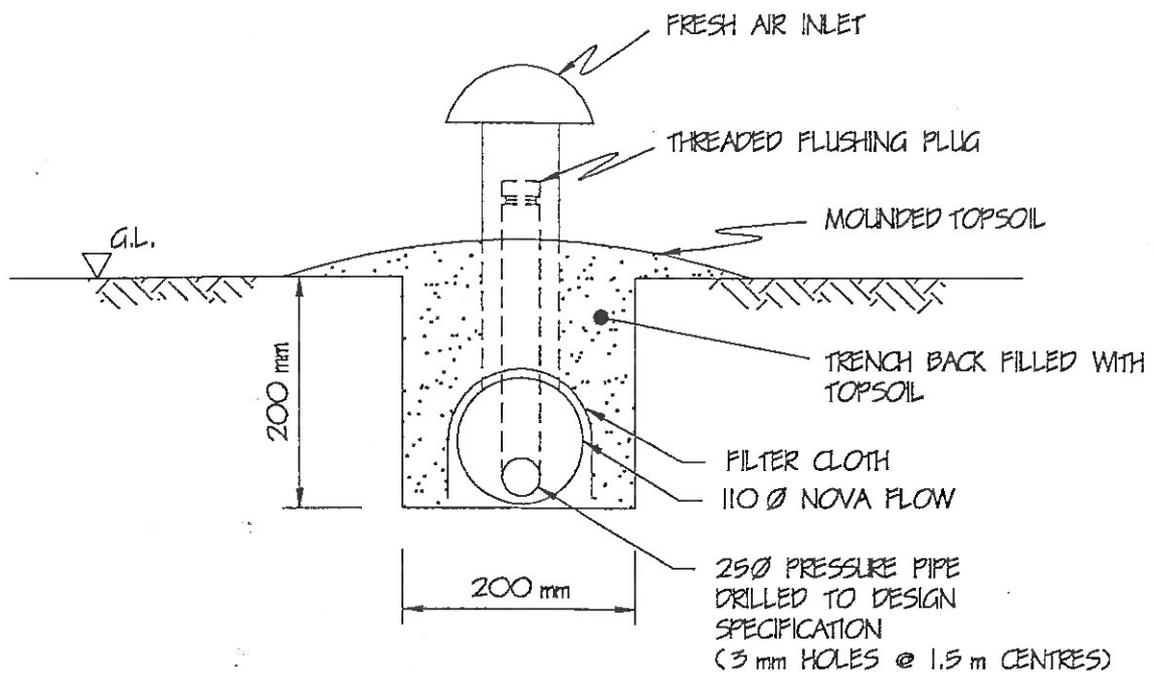
Scale 1:20 approx



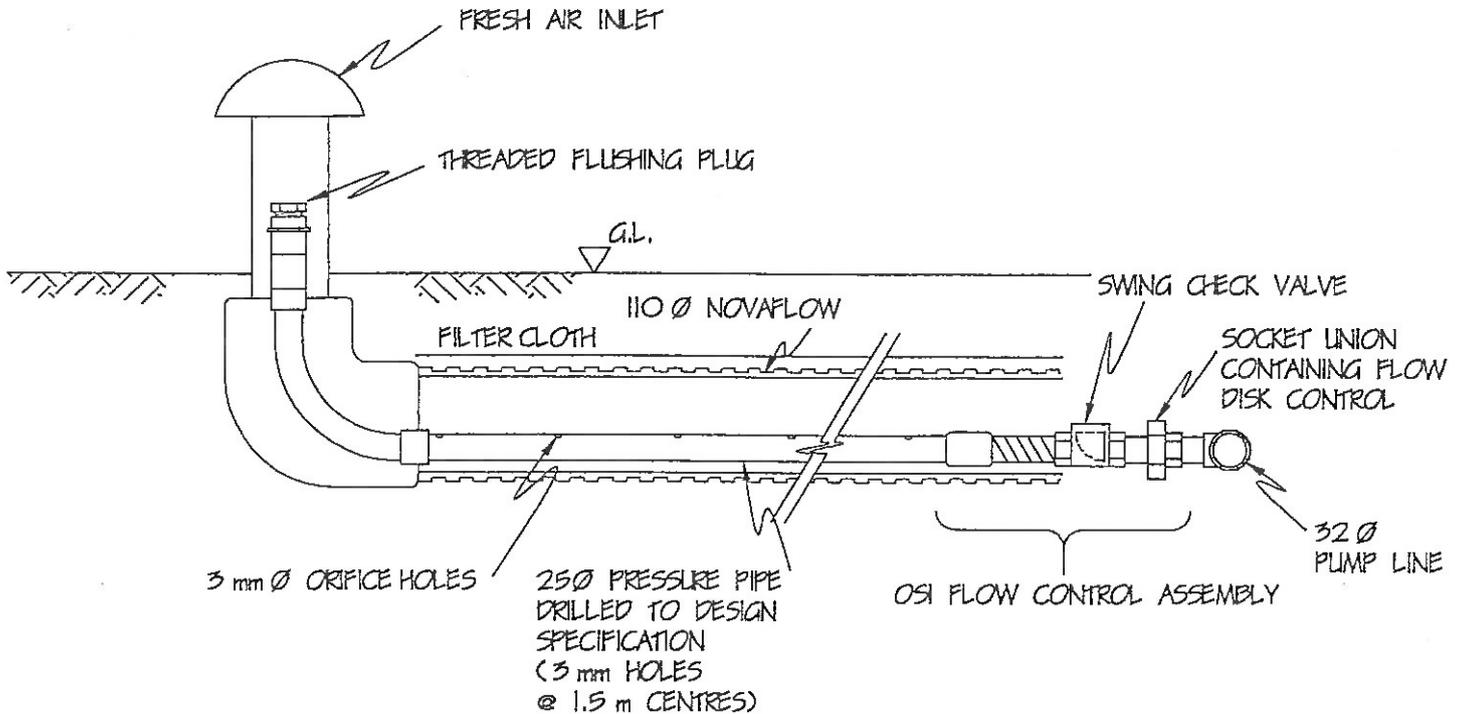
## DETAILS FOR 600Ø PUMP CHAMBER

NTS

**CROSS SECTION**



**LONG SECTION**



**LOW PRESSURE EFFLUENT DISPOSAL TRENCHES**  
(NTS)

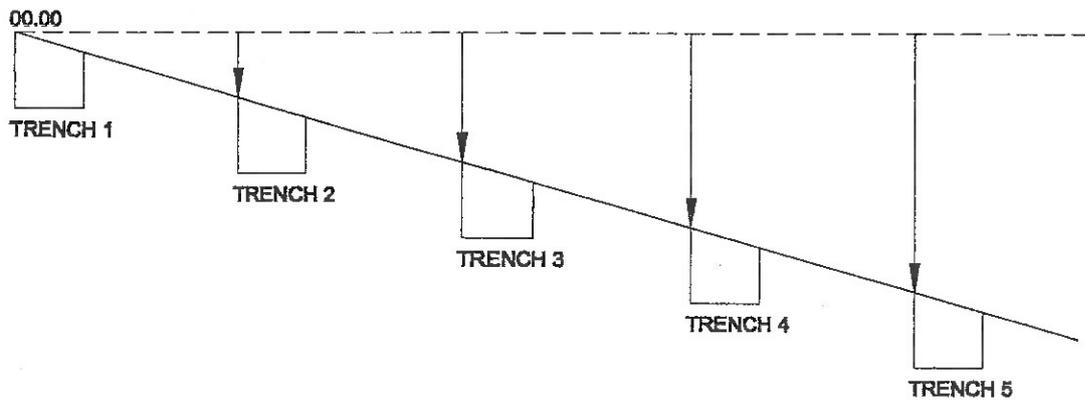
**FLOW CONTROL ASSEMBLIES - HOLE SIZING CHART**

ATTENTION	
COMPANY	
FROM	TIME
DATE	NO PAGES

Please forward the flow hole sizes for the site

ONE SIDE			TRENCH NUMBER	OTHER SIDE			DOWN HILL
HOLE SIZE (mm)	TRENCH LENGTH	LATERAL DROP (mm)		HOLE SIZE (mm)	TRENCH LENGTH	LATERAL DROP (mm)	
NONE		0	1	NONE		0	↓
			2				
			3				
			4				
			5				
			6				
			7				
			8				
			9				
			10				

**MEASURE DROP IN LEVEL OF EACH TRENCH FROM TOP TRENCH AS SHOWN  
ENTER RESULTS ON TABLE AND RETURN BY FAX**



# Biotube<sup>®</sup> Effluent Filter

## Maintenance Instructions

### How to Clean the Cartridge

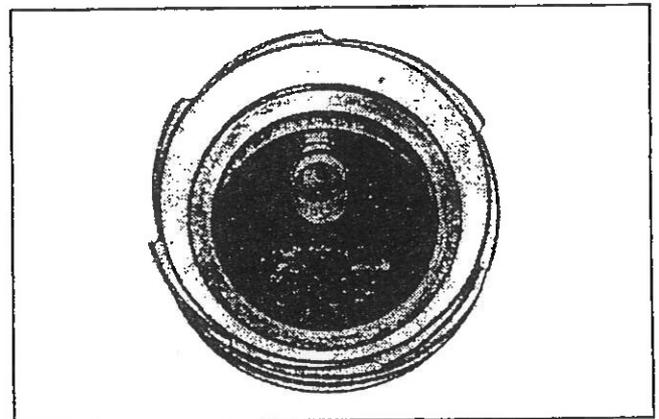
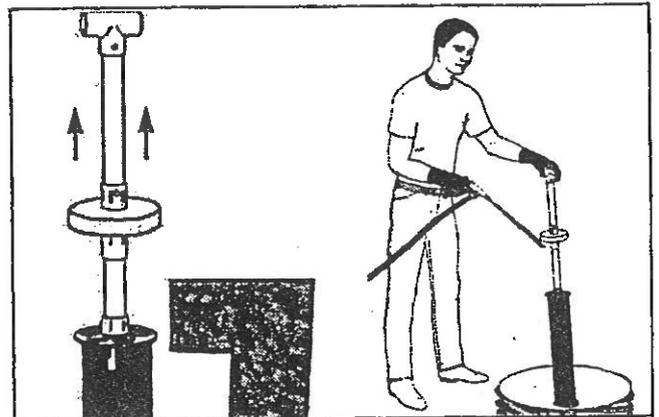
(Be sure to use protective equipment).

Inspect the filter at least once a year, to ensure it is functioning properly.

The filter cartridge should be cleaned if its starts to plug and whenever the tank is pumped.

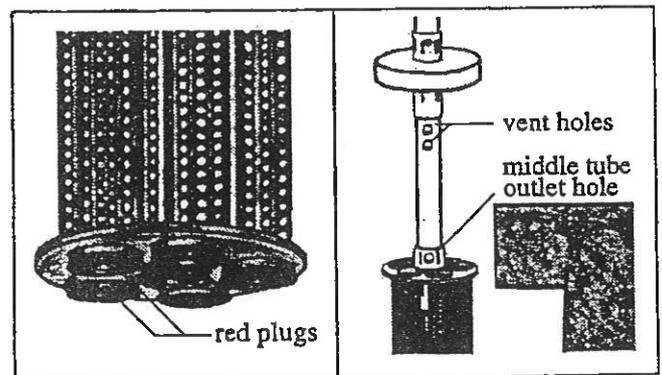
(A biological growth will occur on the filter. This growth is natural and should not be removed until clogging sufficiently impairs the discharge rate.)

1. Remove the filter cartridge by lifting it out of the vault.
2. Spray the cartridge tubes with a hose to remove any material sticking to them. Make sure the rinse water runs back into the tank, but NOT inside the biotube vault.
3. Inspect the modulating orifices. Spray them clear of debris.



4. Ensure the red plugs are secure at the base of cartridge. Clear the vent holes of any debris.

Replace the cartridge into the vault.





## Species Suitable for Low Pressure Effluent Dosing (LPED) Systems

The following plants have been selected by Matatoa Nursery for planting on and around LPED effluent disposal areas. The correct selection of plants is vital to achieve successful natural transpiration of effluent from this area.

### Trees

(more suitable for peripheral zones due to ultimate size, but will offer additional transpiration and shelter if required)

#### *Deciduous:*

<i>Alnus glutinosa</i>	Common Alder
<i>Acer rubrum</i>	American Red Maple
<i>Quercus palustris</i>	Pin Oak
<i>Taxodium distichum</i>	Swamp Cypress
<i>Nyssa sylvatica</i>	Tupelo

#### *Evergreen:*

<i>Cordyline australis</i>	Cabbage Tree
<i>Corynocarpus laevigatus</i>	Karaka
<i>Laurelia novae-zealandiae</i>	Pukatea
<i>Macropiper excelsum</i>	Pepper Tree
<i>Melicytus ramiflorus</i>	Whiteywood/Mahoe
<i>Aristotelia serrata</i>	Wineberry
<i>Hoheira</i>	Lacebark
<i>Lagunaria patersonii</i>	Norfolk Island Hibiscus

### Smaller Trees/Shrubs

<i>Clianthus</i>	Kakabeak
<i>Coprosma propinqua</i>	Mingimingi
<i>Coprosma robusta</i>	Karamu
<i>Leptospermum scoparium</i>	Manuka
<i>Paratrophis mycrphylla</i>	Turepo

### Grasses/Flaxes/Groundcovers

<i>Arthropodium</i>	Rock Lily
<i>Agapanthus</i>	
<i>Carex dipsacea</i>	sedge
<i>Carex geminata</i>	"
<i>Carex soladri</i>	"
<i>Carex secta</i>	"
<i>Carex virgata</i>	"
<i>Carex flagellifera</i>	"
<i>Carex trifida</i>	"
<i>Chionochloa flavicans</i>	Tussock Grass
<i>Cortaderia toe toe</i>	Toe Toe
<i>Juncus pallidus</i>	Giant Rush
<i>Phormuim tenax</i>	Swamp Flax

#### Please Note:

These species have primarily been chosen on ability to grow in continuously moist soils, and secondly they do not have particularly invasive root systems. However, there will definitely be variation in their growth rates and level of root spread. Final selection must still be relative to the design, spacing, and depth of the pipe distribution system, soil type and degree or severity of wind exposure. Please contact the engineer, Dave Miller, to arrange the optimum planting schedule for your site.

## **INSTALLER DECLARATION**

(to be signed by the installer at the completion of the work and returned to Dave Miller)

**RE: ROBERTS HOUSE – 17 WAUGHS ROAD - BUNNYTHORPE**

**INSTALLER:**

**ADDRESS**

I declare that I have installed the wastewater disposal system at the Roberts house as per the plans, specification and hereby guarantee the quality of the workmanship.

Signed:

(Licensed Drainlayer)

Gold Card No.....

# Manawatu District Council

135 Manchester Street  
Private Bag 10-001  
FEILDING  
Phone (06) 323 0000  
Fax (06) 323 8711

## PROJECT INFORMATION MEMORANDUM

Section 31, Building Act 1991

<b>P.I.M. No.</b>	104510	<b>Date Rec'd</b>	16-Jan-1998	<b>Date Act'd</b>	21-Jan-1998
-------------------	--------	-------------------	-------------	-------------------	-------------

APPLICANT/CONTACT	PROJECT
<b>Applicant Name:</b> Roberts Peter Thomas  <b>Address:</b> Waughs Rd RD 5 FEILDING  <b>Telephone No:</b> 323-5292  <b>Contact Name:</b>  <b>Address:</b>  <b>Contact Phone No:</b> WK- 356-3101 <b>Contact Fax No:</b>	<b>Description of Project:</b> ALTERATION TO KTICHEN/DINING AREA  <b>Proposed Use:</b> DOMESTIC  <b>Intended Life:</b> >50 years <b>Project Classification:</b> HOUSING(A)  <b>Project Types:</b>  Alterations, repairs, extensions and resiting.  <b>Number of Stages:</b> 1 <b>Producer Statement:</b> does not exist  <b>Approximate Value:</b> \$ 4000
PROPERTY	
<b>Street Location:</b> 0 Waughs Rd FEILDING  <b>Legal Description:</b> LOT 1 DP 73016 BLK II KAIRANGA SD -INT IN RIGHT TO DRAIN WATER-  <b>Valuation Roll No:</b> 14410 00103	

This Project Information Memorandum includes all information known to this authority and is issued in accordance with the Building act 1991.

This project information memorandum is:

- Confirmation that the proposed building work may be undertaken, subject to the provisions of the Building Act 1991 and any requirements of the building consent  
 Not yet applied for  No: 104510 attached
- Notification that other authorisations must be obtained before a building consent will be issued.
- Notification that the proposed building work may not be undertaken because a necessary authorisation has been refused.

<b>Signed for and on behalf of the Manawatu District Council</b>	 <b>Name</b> Robert James
<b>Position</b> Senior Building Officer	<b>Date</b> 21-Jan-1998 <b>Time</b> 08:27 am

## PROPERTY MEMORANDA

There are no Town Planning requirements.

NZ BUILDING CODE 1992. ALL MATERIALS TO BE FIXED AS PER MANUFACTURERS INSTRUCTIONS.

HEALTH REQUIREMENTS - VENTILATION TO EQUAL or BETTER 5% OF FLOOR AREA.

Plumbing and/or Drainage work is to comply with the N.Z Building Code 1992

There are no known General Bylaw Implications to this application

OPERATIONS: No requirements.

# Manawatu District Council

135 Manchester Street  
 Private Bag 10-001  
 FEILDING  
 Phone (06) 323 0000  
 Fax (06) 323 8711

## BUILDING CONSENT NO 104510/1

Section 35, Building Act 1991

Issued in accordance with Project Information Memorandum No 104510

APPLICANT/CONTACT	STAGE DETAILS
<p><b>Applicant Name</b> Roberts Peter Thomas</p> <p><b>Address</b>            Waughs Rd            RD 5            FEILDING</p> <p><b>Telephone No</b> 323-5292</p> <p><b>Contact Name</b></p> <p><b>Address</b></p> <p><b>Contact Phone No</b> WK- 356-3101  <b>Contact Fax No</b></p>	<p><b>Stage Number</b> 1</p> <p><b>Description of Stage</b> ALTERATION TO KITCHEN/DINING AREA</p> <p><b>Building Type</b> Dwelling (Additions)</p> <p><b>Detailed Use</b> DOMESTIC</p> <p><b>Intended Life</b> &gt;50 years</p> <p><b>Stage Classification</b> HOUSING(A)</p> <p><b>Stage Type</b> Alterations, repairs, extensions and resiting.</p> <p><b>No of Units</b> 1</p> <p><b>No of Storeys</b> 1</p> <p><b>Floor Area</b> sq metres</p> <p><b>Designer</b></p> <p><b>Value of Stage</b> \$ 4000</p>
PROPERTY	
<p><b>Street Location</b>            0 Waughs Rd            FEILDING</p> <p><b>Legal Description</b>            LOT 1 DP 73016 BLK II KAIRANGA SD            -INT IN RIGHT TO DRAIN WATER-</p> <p><b>Valuation Roll No</b> 14410 00103</p>	

This building permit is a consent under the Building Act 1991 to undertake building work in accordance with the attached plans and specifications so as to comply with the provisions of the Building Code. It does not affect any duty or responsibility under any other Act nor permit any breach of any other Act. This building consent is issued subject to any endorsements specified in the attached pages..... headed consent endorsements.....

<p><b>Signed for and on behalf of the Manawatu District Council</b></p>	 <p><b>Name</b> Graeme Duncan</p>
<p><b>Position</b> Building Officer</p>	<p><b>Date</b> 21-Jan-1998 <b>Time</b> 08:27 am</p>

# Manawatu District Council

135 Manchester Street  
 Private Bag 10-001  
 FEILDING  
 Phone (06) 323 0000  
 Fax (06) 323 8711

## CODE COMPLIANCE CERTIFICATE

Issued in accordance with Section 43(3) of the Building Act 1991.

APPLICANT/CONTACT	STAGE DETAILS
<b>Applicant Name</b> Roberts Peter Thomas  <b>Address</b> Waughs Rd RD 5 FEILDING  <b>Telephone No</b> 323-5292  <b>Contact Name</b>  <b>Address</b>  <b>Contact Phone No</b> WK- 356-3101 <b>Contact Fax No</b>	<b>Building Consent Number</b> 104510 <b>Stage Number</b> 1 <b>Description of Stage</b> ALTERATION TO KTICHEN/DINING AREA  <b>Building Type</b> Dwelling (Additions)  <b>Detailed Use</b> DOMESTIC  <b>Intended Life</b> >50 years <b>Stage Classification</b> HOUSING(A)  <b>Stage Type</b> Alterations, repairs, extensions and resiting. <b>No of Units</b> 1 <b>No of Storeys</b> 1 <b>Floor Area</b> sq metres  <b>Designer</b> <b>Value of Stage</b> \$ 4000
PROPERTY	
<b>Street Location</b> 0 Waughs Rd FEILDING  <b>Legal Description</b> LOT 1 DP 73016 BLK II KAIRANGA SD -INT IN RIGHT TO DRAIN WATER-  <b>Valuation Roll No</b> 14410 00103	

This is a final code compliance certificate issued in respect of all of the building work under the above building consent. It is subject to any conditions specified in the attached "Conditions of Code Compliance Certificate".

<b>Signed for and on behalf of the                      Manawatu District Council</b>		
	<b>Name</b> Jim Josephs	<b>Date</b> 3-Jul-1998
<b>Position</b> Environmental Services Mana	<b>Time</b> 09:01 am	

# Manawatu District Council

135 Manchester Street  
Private Bag 10-001  
FEILDING  
Phone (06) 323 0000  
Fax (06) 323 8711

## PROJECT INFORMATION MEMORANDUM

Section 31, Building Act 1991

P.I.M. No.	101098	Date Rec'd	23-Aug-199	Date Act'd	24-Aug-1994
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APPLICANT/CONTACT	PROJECT
<p><b>Applicant Name:</b> Murrell Owen Routley</p> <p><b>Address:</b> Waughs Road RD 5 FEILDING</p> <p><b>Telephone No:</b> 323-3670</p> <p><b>Contact Name:</b> Bowaters Plumbing Ltd</p> <p><b>Address:</b> 79 Bourke St PALMERSTON NORTH</p> <p><b>Contact Phone No:</b> 357-4187</p> <p><b>Contact Fax No:</b></p>	<p><b>Description of Project:</b> Bathroom Alterations</p> <p><b>Proposed Use:</b> Bathroom Alterations</p> <p><b>Intended Life:</b> &gt;50 years</p> <p><b>Project Classification:</b> HOUSING(A) (Incl.P/D)</p> <p><b>Project Types:</b>  Alterations, repairs, extensions and resiting.</p> <p><b>Number of Stages:</b> 1</p> <p><b>Producer Statement:</b> does not exist</p> <p><b>Approximate Value:</b> \$ 9000</p>
PROPERTY	
<p><b>Street Location:</b> Waughs Rd FEILDING</p> <p><b>Legal Description:</b> LOT 1 DP 73016 BLK II KAIRANGA SD -INT IN RIGHT TO DRAIN WATER-</p> <p><b>Valuation Roll No:</b> 14410 00103</p>	

This Project Information Memorandum includes all information known to this authority and is issued in accordance with the Building act 1991.

This project information memorandum is:

- Confirmation that the proposed building work may be undertaken, subject to the provisions of the Building Act 1991 and any requirements of the building consent  
Not yet applied for  No ~~plans~~ attached
- Notification that other authorisations must be obtained before a building consent will be issued.
- Notification that the proposed building work may not be undertaken because a necessary authorisation has been refused.

Signed for and on behalf of the  
Manawatu District Council

  
Name Walter Wilkins

Position Senior Building Officer

Date 24-Aug-1994 Time 09:50 am

## PROPERTY MEMORANDA

There are no Town Planning requirements.

There are no known General Bylaw Implications to this application

The building is to comply with the Building Act 1991.

There are no Environmental Health requirements.

Plumbing and/or Drainage work is to comply with the N.Z Building Code 1992

ENGINEERING: No requirements.

# Manawatu District Council

135 Manchester Street  
Private Bag 10-001  
FEILDING  
Phone (06) 323 0000  
Fax (06) 323 8711

## BUILDING CONSENT NO 101098/1

Section 35, Building Act 1991

Issued in accordance with Project Information Memorandum No 101098

APPLICANT/CONTACT	STAGE DETAILS
<p><b>Applicant Name</b> Murrell Owen Routley</p> <p><b>Address</b> Waughs Road RD 5 FEILDING</p> <p><b>Telephone No</b> 323-3670</p> <p><b>Contact Name</b> Bowaters Plumbing Ltd</p> <p><b>Address</b></p> <p><b>Contact Phone No</b> 357-4187 <b>Contact Fax No</b></p>	<p><b>Stage Number</b> 1</p> <p><b>Description of Stage</b> Bathroom Alterations</p> <p><b>Building Type</b> Dwelling (Additions)</p> <p><b>Detailed Use</b> Bathroom Alterations</p> <p><b>Intended Life</b> &gt;50 years</p> <p><b>Stage Classification</b> HOUSING(A) (Incl.P/D)</p> <p><b>Stage Type</b> Alterations, repairs, extensions and resiting.</p> <p><b>No of Units</b> 1 <b>No of Storeys</b> 1 <b>Floor Area</b> sq metres</p> <p><b>Designer</b></p> <p><b>Value of Stage</b> \$ 9000</p>
PROPERTY	
<p><b>Street Location</b> Waughs Rd FEILDING</p> <p><b>Legal Description</b> LOT 1 DP 73016 BLK II KAIRANGA SD -INT IN RIGHT TO DRAIN WATER-</p> <p><b>Valuation Roll No</b> 14410 00103</p>	

This building permit is a consent under the Building Act 1991 to undertake building work in accordance with the attached plans and specifications so as to comply with the provisions of the Building Code. It does not affect any duty or responsibility under any other Act nor permit any breach of any other Act. This building consent is issued subject to any endorsements specified in the attached pages..... headed consent endorsements.....

<p><b>Signed for and on behalf of the Manawatu District Council</b></p>	
	<p><b>Name</b> Graeme Duncan</p>
<p><b>Position</b> Building Officer</p>	<p><b>Date</b> 24-Aug-1994    <b>Time</b> 09:50 am</p>

# Manawatu District Council

135 Manchester Street  
 Private Bag 10-001  
 FEILDING  
 Phone (06) 323 0000  
 Fax (06) 323 8711

## CODE COMPLIANCE CERTIFICATE

Issued in accordance with Section 43(3) of the Building Act 1991.

APPLICANT/CONTACT	STAGE DETAILS
<b>Applicant Name</b> Murrell Owen Routley  <b>Address</b> Waughs Road RD 5 FEILDING  <b>Telephone No</b> 323-3670  <b>Contact Name</b> Bowaters Plumbing Ltd  <b>Address</b> 79 Bourke St PALMERSTON NORTH <b>Contact Phone No</b> 357-4187 <b>Contact Fax No</b>	<b>Building Consent Number</b> 101098 <b>Stage Number</b> 1 <b>Description of Stage</b> Bathroom Alterations  <b>Building Type</b> Dwelling (Additions)  <b>Detailed Use</b> Bathroom Alterations  <b>Intended Life</b> >50 years <b>Stage Classification</b> HOUSING(A) (Incl.P/D)  <b>Stage Type</b> Alterations, repairs, extensions and resiting. <b>No of Units</b> 1 <b>No of Storeys</b> 1 <b>Floor Area</b> sq metres  <b>Designer</b> <b>Value of Stage</b> \$ 9000
PROPERTY	
<b>Street Location</b> Waughs Rd FEILDING  <b>Legal Description</b> LOT 1 DP 73016 BLK II KAIRANGA SD -INT IN RIGHT TO DRAIN WATER-  <b>Valuation Roll No</b> 14410 00103	

This is a final code compliance certificate issued in respect of all of the building work under the above building consent. It is subject to any conditions specified in the attached "Conditions of Code Compliance Certificate".

<b>Signed for and on behalf of the                  Manawatu District Council</b>	
	<b>Name</b> Walter Wilkins
<b>Position</b> Senior Building Officer	<b>Date</b> 4-Sep-1995 <b>Time</b> 03:10 pm

Inspector: M \_\_\_\_\_  
Receipt No. **14286**

File No. \_\_\_\_\_

Date Permit Issued **16 / 10 / 91**

**OWNER**

Name **OR & MJ Murrell**

Mailing Address **Wattle Farm**  
**R D 5**  
**FEILDING**

**BUILDER**

Name **Graham Hamilton**

Mailing Address **FEILDING**

PROPERTY ON WHICH BUILDING IS TO BE ERECTED/DEMOLISHED

**SITE**

Street No. \_\_\_\_\_

Street Name **Waughs Road,**

Town/District **Feilding**

Riding **Pohangina**

**LEGAL DESCRIPTION**

Valuation Roll No. **14410/1**

Lot \_\_\_\_\_ D.P. \_\_\_\_\_

Section **1 Westella Settlement Block II III**

Survey District **Hairanga**

**DESCRIPTION OF PROPOSED WORK AND MAIN PURPOSE OF USE**

**Relocate Office Ex Palmerston North**

**FLOOR AREA** Whole Sq. Metres **26**

**DWELLING UNITS** Number Erected **1**

ESTIMATED VALUES \$	Building	5,000	00
	Plumbing		
	Drainage		
	G.S.T.		
<b>TOTAL</b>		<b>5,000</b>	<b>00</b>

**NATURE OF PERMIT (TICK BOX)**

NEW BUILDING  
-- exclude domestic garages and domestic outbuildings

FOUNDATIONS ONLY

ALTERED, REPAIRED, EXTENDED, CONVERTED, RESITED  
-- include installation of heating appliances

NEW CONSTRUCTION OTHER THAN BUILDINGS -- include demolitions

DOMESTIC GARAGES AND DOMESTIC OUTBUILDINGS

**FEES APPLICABLE**

Building Permit	\$ 240	00	Water Connection	\$	
Street Damage Deposit	\$ 1000	00		\$	
Building Research Levy	\$			\$	
Plumbing	\$			\$	
Drainage	\$			\$	
Sewer Connection	\$			\$	
Vehicle Crossing Levy	\$		G.S.T.	\$	
M.S. Plumbing	\$		<b>TOTAL:</b>	\$	<b>1240</b>
					<b>00</b>

Receipt No. **14286**

Date of Payment **16 10 91**

Authorised Officer *[Signature]*

Special Conditions: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date Inspected	REMARKS (e.g. stage reached with work)
<b>16.10.91.</b>	<b>Foundation check, Ok.</b> <i>[Signature]</i>