



## REQUEST FOR SUBDIVISION COMMENT

**PLEASE PRINT OR TYPE. Complete ALL applicable sections of the Form.**

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External Reference Number

### SECTION 1 – DEVELOPMENT OFFICER

Development Officer Name, Municipality

Business Number (BN) if applicable

Primary Phone Number	Ext.	Secondary Phone Number	Ext.	Fax
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E-mail

Civic/Street Address

Mailing Address (if different than Civic)

County	Community
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Province	Postal Code	Country
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Return Correspondence?  Yes  No      Preferred Method of Contact?  Email  Letter

### SECTION 2 - QUALIFIED PERSON/PROFESSIONAL ENGINEER

Ken Burrows

Qualified Person/Professional Engineer Name

166

Certification Number

902 499 7479	902 576 3551	902 860 1663
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Primary Phone Number	Ext.	Secondary Phone Number	Ext.	Fax
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ken@terrafirmaconsultants.com

E-mail

1 Pine Oak Drive

Civic/Street Address

Mailing Address (if different than Civic)

Halifax	Wellington
---------	------------

County	Community
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NS	B2T1J4	Can
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Province	Postal Code	Country
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Return Correspondence?  Yes  No      Preferred Method of Contact?  Email  Letter

### SECTION 3 - SITE/LOCATION OF PROPOSED ACTIVITIES

**Property Identification numbers (PID) are available at the Nova Scotia Land Registry.  
1:50,000 Topo Maps (identifying Easting and Northing) are available at Nova Scotia Environment offices.**

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Subdivision/Site Name (if applicable)

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Civic/Street Address

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Lot Numbers

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County	Community
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Property Identification Number(s) (PID)

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Topographical Map Number (if applicable)

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Easting (6) (if applicable)	Northing (7) (if applicable)	Zone
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Please use NAD83 or WGS84

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Additional Directions to Site (if applicable)

### SECTION 4 - ACTIVITY DETAILS

**Request for Written Report for a Subdivision Proposal (Report only - no Approval issued)**

**PLEASE COMPLETE ALL FIELDS**

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Proposed Number of Lots

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Survey/Subdivision Plan Number	Survey/Subdivision Plan Date
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Surveyor or Recognized Agent

### SECTION 5 - SUPPORTING DOCUMENTATION

**Note: A legend must be supplied for all mapping describing symbols used, scale and north orientation.**

Attach for All Applications	Submitted	Waiver Requested	Reason Waiver Requested
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Sketch of lot(s), including (but not limited to):

\_\_\_\_\_

Test Pit information, Location of proposed buildings, wells, septic systems, roads and driveways

Distances (metres) to wells and septic systems, watercourses, wetlands, etc.

Copy of subdivision, surveyor's or plot plan

\_\_\_\_\_

**If information submitted is incomplete, or if supporting documentation is of poor quality (plans, maps, etc.), processing may be delayed or form may be returned.**



# TERRA FIRMA CONSULTANTS

- QP Services
- Land Subdivision
- Septic System Design

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June 5, 2023

To: NS Environment & Climate Change

Re: Lot Assessment:      Lot WS-1      Lot WP-2  
                              Lot WS-2      Lot WP-3  
                              Lot WS-3      Lot LR-4-R1  
                              Lot WS-4      Lot LR-4-R2  
                              Lot WS-5  
                              Lot WS-6  
                              Lot WS-7

PID 40310872

Lands of David Goulden, West Petpeswick Rd, West Petpeswick, Halifax Co.

In March 2023, Terra Firma Consultants conducted a site visit to the above-mentioned land to determine the feasibility of creating lots as shown on the attached sketch. The site visit and information from the test pits determined it was feasible to subdivide the lots provided all other subdivision regulations could be met. See attached plan of the test pit locations and proposed lot layouts.

Lot	Depth of Permeable Soil	Minimum Lot Width	Minimum Lot Area	Suggested Septic System
WS-1	1100mm	45M	3700M2	Sand Filter
WS-2	1050mm	37M	2700M2	Mound
WS-3	1400mm	37M	2700M2	Sand Filter
WS-4	1400mm	37M	2700M2	Sand Filter
WS-5	1270mm	37M	2700M2	Sand Filter
WS-6	200mm	60M	6800M2	Sand Filter
WS-7	1400mm	37M	2700M2	Sand Filter
WP-2	1100mm	37M	2700M2	Sand Filter
WP-3	1100mm	37M	2700M2	Sand Filter
LR-4-R1	1400mm	37M	2700M2	Sand Filter
LR-4-R2	1100mm	45M	3700M2	Sand Filter

Based on a 3-bedroom single family dwelling.

1 Pine Oak Dr   Wellington   Nova Scotia   B2T 1J4

Cell: 499-7479 / 225-4110   Office: 576-3551   Fax: 860-1663   Email: [terrafirma@eastlink.ca](mailto:terrafirma@eastlink.ca)

“Selective by Design”

The proposed lots are suitable for the installation of a disposal system, and the lots meet or exceed the requirements of Section 22 of the On-Site Sewage Disposal System Regulations.

I trust this information is sufficient for subdivision purposes. If you have any questions, please call me at 902-499-7479. Thank you.

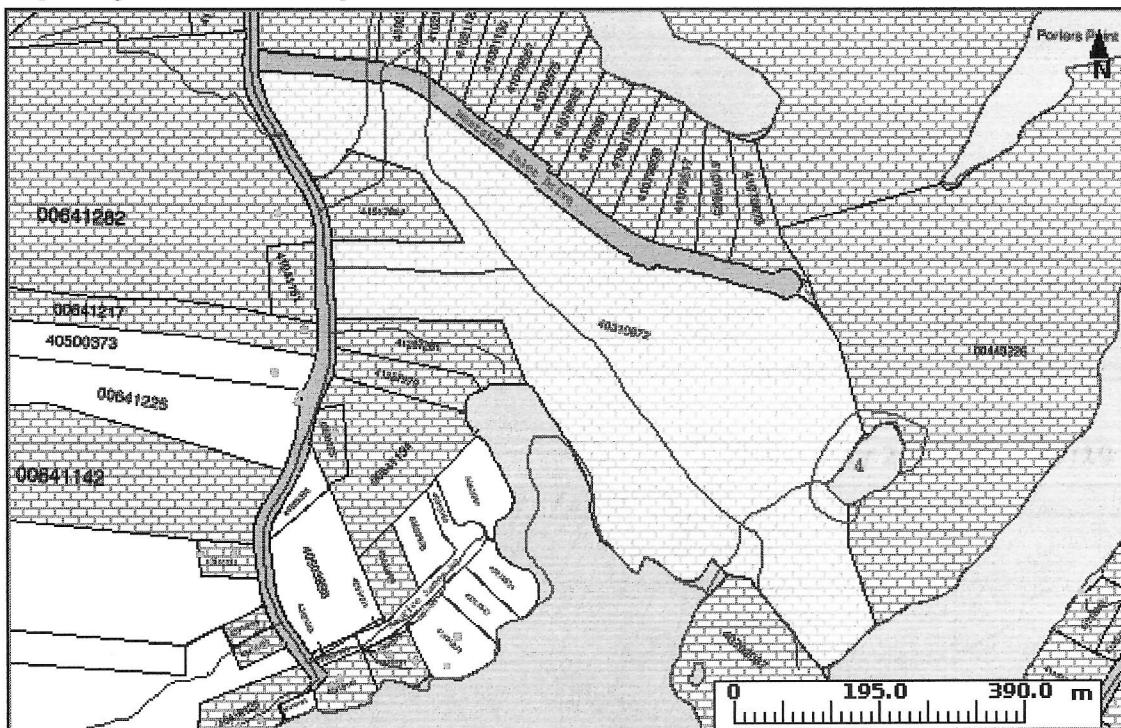
Sincerely,



Ken Burrows  
QP #166

# Property Online Map

Date: May 26, 2023 3:27:19 PM



PID: 40310872

Owner: DAVID ALBERT GOULDEN AAN: 00801488

County: HALIFAX COUNTY

Address: WEST PETPESWICK ROAD Value: \$61,000 (2023 RESOURCE TAXABLE)

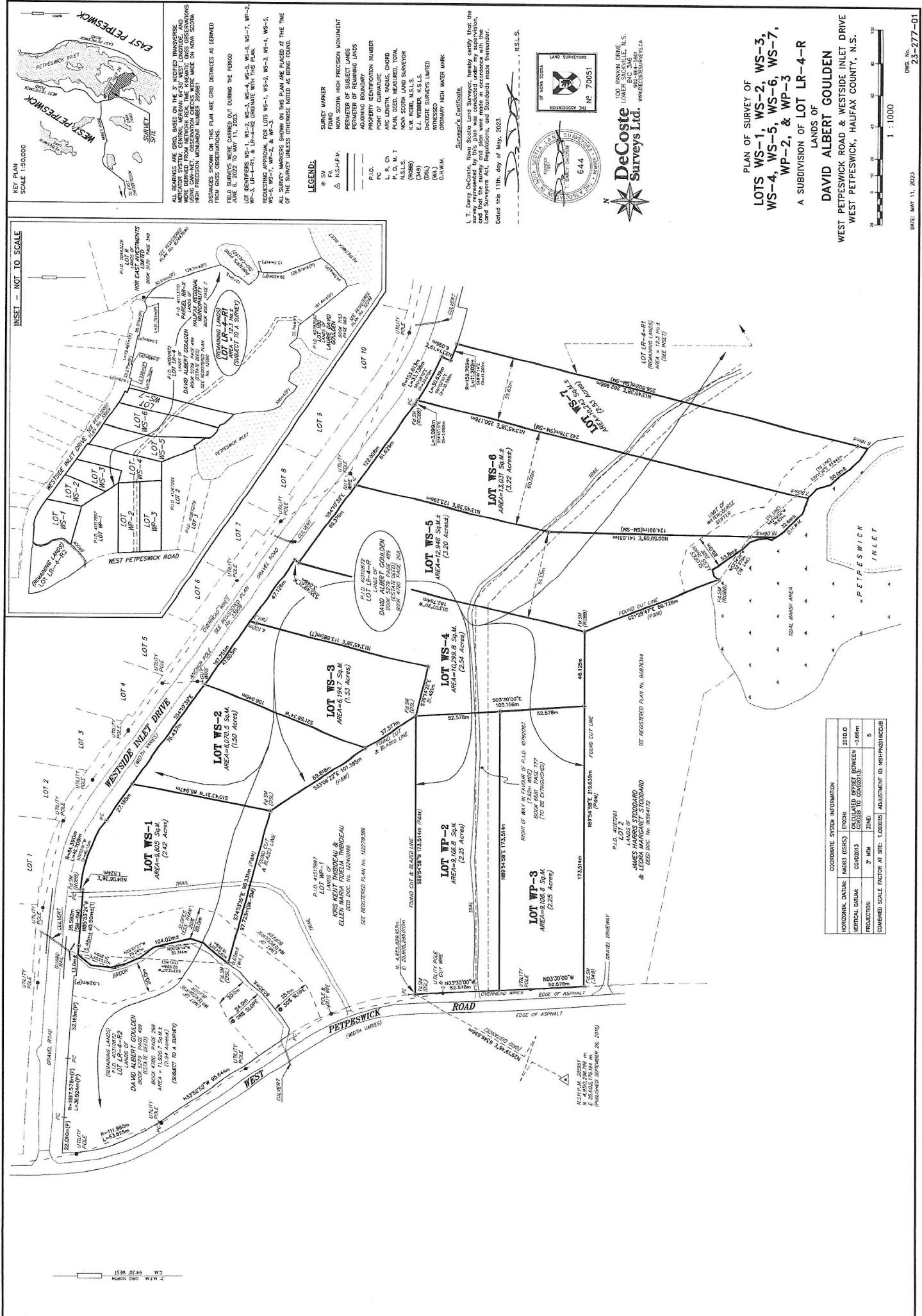
**J P Status: LAND REGISTRATION**

WEST PETPESWICK

The Provincial mapping is a graphical representation of property boundaries which approximate the size, configuration and location of parcels. Care has been taken to ensure the best possible quality, however, this map is not a land survey and is not intended to be used for legal descriptions or to calculate exact dimensions or area. The Provincial mapping is not conclusive as to the location, boundaries or extent of a parcel [*Land Registration Act* subsection 21(2)]. THIS IS NOT AN OFFICIAL RECORD.

**Property Online version 2.0**

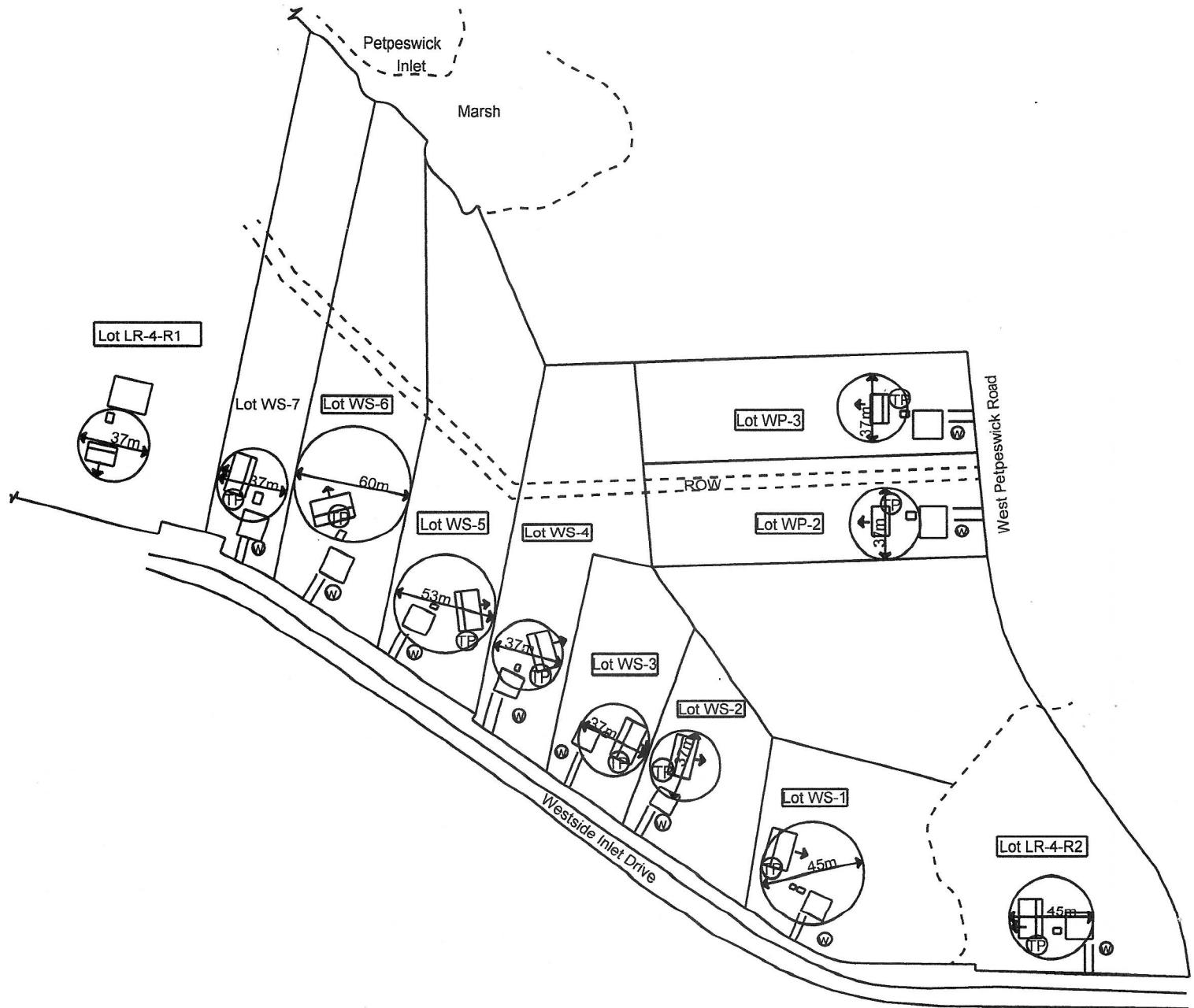
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# TERRA FIRMA CONSULTANTS

- QP Services
- Land Subdivision
- Septic System Design



1 Pine Oak Dr Wellington Nova Scotia B2T 1J4  
Cell: 499-7479 / 225-4110 Office: 576-3551 Fax: 860-1663 Email: [terrafirma@eastlink.ca](mailto:terrafirma@eastlink.ca)

In keeping with the privacy provisions of the *Nova Scotia Freedom of Information & Protection of Privacy Act*, Nova Scotia Environment will only use the personal information for the purpose for which the information was obtained or compiled, or for a use compatible with that purpose.

### SUBMISSION DETAILS

#### On-site sewage system application for approval required attachment

QP/P.Eng. NAME: Ken Burrows

PID: Lot WS-1 from PID 40310872

Test pit profile (m)		Soil evaluation results				
Total depth:	1.2 m	soil layers	soil type	depth of soil (mm)	density	moisture
bedrock at:	1.2 m	ORGANIC	organic mat	100		
water table at:	- m	first	s.silt	1100	mod	mod
slope:	4 %	second	bedrock			
roots to:	.6 m	third				
mottling at:	- m	fourth				

System selection or design specifications						
Type of Disposal Field:	Sand Filter (suggested)			Imported sand fill required	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Distribution Trench Dimensions:	Length: _____ m Width: _____ m			Minimum permeability of imported sand	_____ m/sec	
Cut at Toe of Trench:	_____ mm			Width of Buffer - downslope - upslope	_____ m _____ m	
Interceptor Trench Liner:	<input type="checkbox"/> YES <input type="checkbox"/> NO depth: _____ mm <input type="checkbox"/> YES <input type="checkbox"/> NO thickness: _____			Depth of Buffer (at 5 m from trench)	_____ mm	
Pump or Siphon Capacity Watertight Testing:	_____ litres <input type="checkbox"/> YES <input type="checkbox"/> NO			Septic Tank Capacity Watertight Testing:	_____ litres <input type="checkbox"/> YES <input type="checkbox"/> NO	

Minimum clearance distances as illustrated on attached site plan									
From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	
Lot Boundary	3 m	3 m	Cistern	8 m	5 m	Water Distribution	6 m	3 m	
Downslope Boundary	9 m	9 m	Watercourse	30 m	15 m	Foundation Drain	6 m	1.5 m	
Drilled Well	15 m	15 m	Wetland	30 m	15 m	Other			
Dug Well	30 m	30 m	Intermittent Drain	15 m	15 m	Other			



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## SUBMISSION DETAILS

### On-site sewage system application for approval required attachment

QP/P.Eng. NAME: Ken Burrows PID: Lot WS-2 from PID 40310872

Test pit profile (m)		Soil evaluation results			
Total depth:	1.2 m	soil layers	soil type	depth of soil (mm)	density
bedrock at:	1.2 m	ORGANIC	organic mat	150	
water table at:	- m	first	s.silt	1050	mod
slope:	2 %	second	bedrock		mod
roots to:	.6 m	third			
mottling at:	- m	fourth			

System selection or design specifications					
Type of Disposal Field:	Mound (suggested)	Imported sand fill required	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
Distribution Trench Dimensions:	Length: _____ m Width: _____ m	Minimum permeability of imported sand	_____ m/sec		
Cut at Toe of Trench:	_____ mm	Width of Buffer - downslope - upslope	_____ m _____ m		
Interceptor Trench Liner:	<input type="checkbox"/> YES <input type="checkbox"/> NO depth: _____ mm <input type="checkbox"/> YES <input type="checkbox"/> NO thickness: _____	Depth of Buffer (at 5 m from trench)	_____ mm		
Pump or Siphon Capacity Watertight Testing:	_____ litres <input type="checkbox"/> YES <input type="checkbox"/> NO	Septic Tank Capacity Watertight Testing:	_____ litres <input type="checkbox"/> YES <input type="checkbox"/> NO		

Minimum clearance distances as illustrated on attached site plan									
From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	
Lot Boundary	3 m	3 m	Cistern	8 m	5 m	Water Distribution	6 m	3 m	
Downslope Boundary	9 m	9 m	Watercourse	30 m	15 m	Foundation Drain	6 m	1.5 m	
Drilled Well	15 m	15 m	Wetland	30 m	15 m	Other		m	
Dug Well	30 m	30 m	Intermittent Drain	15 m	15 m	Other		m	

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## SUBMISSION DETAILS

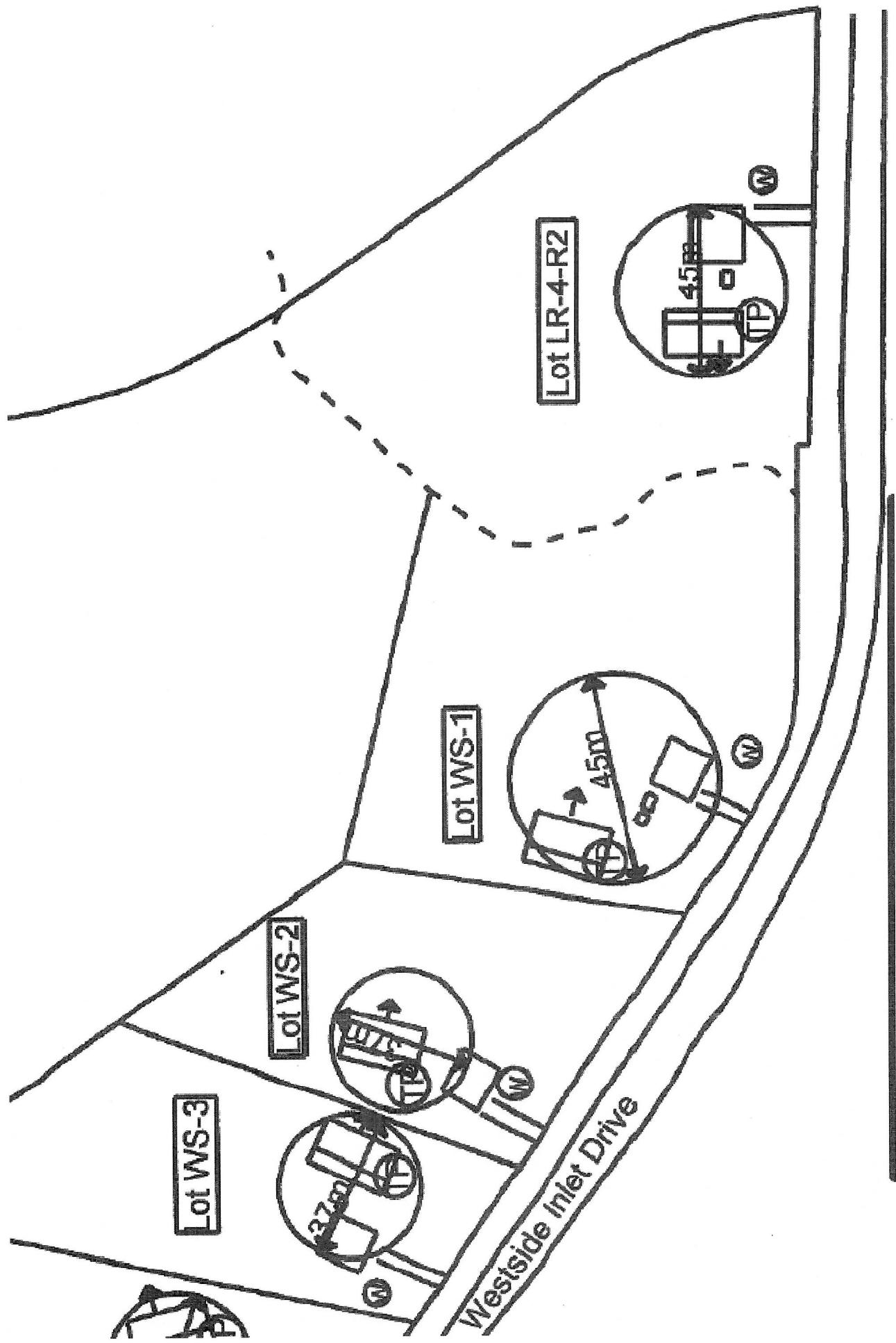
### On-site sewage system application for approval required attachment

QP/P.Eng. NAME: Ken Burrows PID: Lot WS-3 from PID 40310872

Test pit profile (m)		Soil evaluation results				
Total depth:	1.5 m	soil layers	soil type	depth of soil (mm)	density	moisture
bedrock at:	- m	ORGANIC	organic mat	100		
water table at:	- m	first	s.silt	1400	mod	mod
slope:	3 %	second				
roots to:	.6 m	third				
mottling at:	- m	fourth				

System selection or design specifications						
Type of Disposal Field:	Sand Filter (suggested)			Imported sand fill required	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Distribution Trench Dimensions:	Length: _____ m Width: _____ m			Minimum permeability of imported sand	_____ m/sec	
Cut at Toe of Trench:	_____ mm			Width of Buffer - downslope - upslope	_____ m _____ m	
Interceptor Trench Liner:	<input type="checkbox"/> YES <input type="checkbox"/> NO depth: _____ mm <input type="checkbox"/> YES <input type="checkbox"/> NO thickness: _____			Depth of Buffer (at 5 m from trench)	_____ mm	
Pump or Siphon Capacity Watertight Testing:	_____ litres <input type="checkbox"/> YES <input type="checkbox"/> NO			Septic Tank Capacity Watertight Testing:	_____ litres <input type="checkbox"/> YES <input type="checkbox"/> NO	

Minimum clearance distances as illustrated on attached site plan									
From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	
Lot Boundary	3 m	3 m	Cistern	8 m	5 m	Water Distribution	6 m	3 m	
Downslope Boundary	9 m	9 m	Watercourse	30 m	15 m	Foundation Drain	6 m	1.5 m	
Drilled Well	15 m	15 m	Wetland	30 m	15 m	Other		m	
Dug Well	30 m	30 m	Intermittent Drain	15 m	15 m	Other		m	





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## SUBMISSION DETAILS

### On-site sewage system application for approval required attachment

QP/P.Eng. NAME: Ken Burrows PID: Lot WS-4 from PID 40310872

Test pit profile (m)		Soil evaluation results				
Total depth:	1.5 m	soil layers	soil type	depth of soil (mm)	density	moisture
bedrock at:	- m	ORGANIC	organic mat	100		
water table at:	- m	first	s.silt	1400	mod	mod
slope:	6 %	second				
roots to:	.45 m	third				
mottling at:	- m	fourth				

System selection or design specifications						
Type of Disposal Field:	Sand Filter (suggested)			Imported sand fill required	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Distribution Trench Dimensions:	Length: _____ m Width: _____ m			Minimum permeability of imported sand	_____ m/sec	
Cut at Toe of Trench:	_____ mm			Width of Buffer - downslope - upslope	_____ m _____ m	
Interceptor Trench Liner:	<input type="checkbox"/> YES <input type="checkbox"/> NO	depth: _____ mm	<input type="checkbox"/> YES <input type="checkbox"/> NO	Depth of Buffer (at 5 m from trench)	_____ mm	
Pump or Siphon Capacity Watertight Testing:	_____ litres <input type="checkbox"/> YES <input type="checkbox"/> NO			Septic Tank Capacity Watertight Testing:	_____ litres <input type="checkbox"/> YES <input type="checkbox"/> NO	

Minimum clearance distances as illustrated on attached site plan									
From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	
Lot Boundary	3 m	3 m	Cistern	8 m	5 m	Water Distribution	6 m	3 m	
Downslope Boundary	9 m	9 m	Watercourse	30 m	15 m	Foundation Drain	6 m	1.5 m	
Drilled Well	15 m	15 m	Wetland	30 m	15 m	Other		m	
Dug Well	30 m	30 m	Intermittent Drain	15 m	15 m	Other		m	

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### SUBMISSION DETAILS

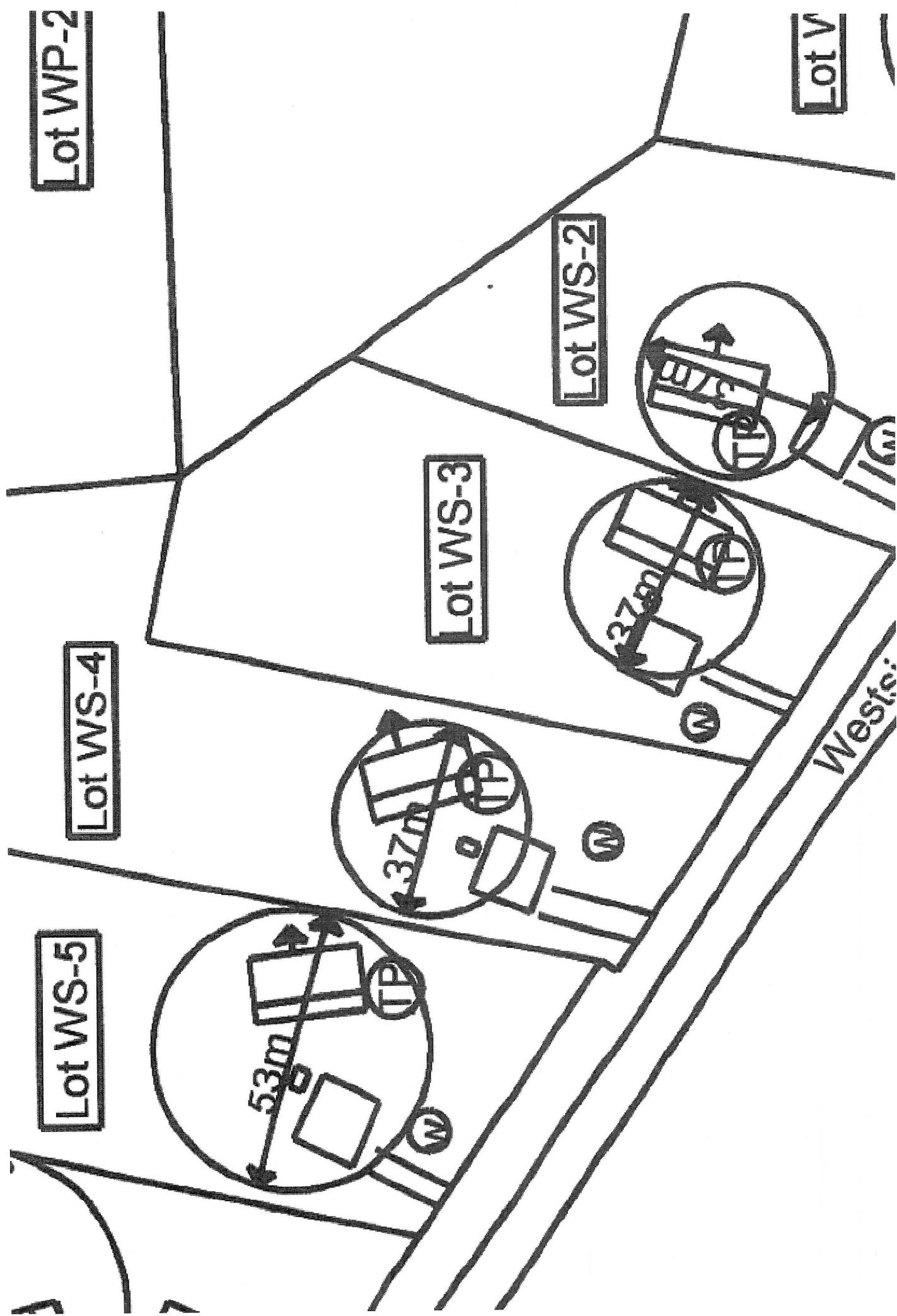
#### On-site sewage system application for approval required attachment

QP/P.Eng. NAME: Ken Burrows PID: Lot WS-5 from PID 40310872

Test pit profile (m)		Soil evaluation results			
Total depth:	1.37 m	soil layers	soil type	depth of soil (mm)	density
bedrock at:	- m	ORGANIC	organic mat	100	
water table at:	- m	first	s.silt	1270	mod
slope:	6 %	second	bedrock		mod
roots to:	.6 m	third			
mottling at:	- m	fourth			

System selection or design specifications					
Type of Disposal Field:	Sand Filter (suggested)		Imported sand fill required	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Distribution Trench Dimensions:	Length: _____ m	Width: _____ m	Minimum permeability of imported sand	_____ m/sec	
Cut at Toe of Trench:	_____ mm		Width of Buffer - downslope - upslope	_____ m _____ m	
Interceptor Trench Liner:	<input type="checkbox"/> YES <input type="checkbox"/> NO	depth: _____ mm	Depth of Buffer (at 5 m from trench)	_____ mm	
Pump or Siphon Capacity Watertight Testing:	_____ litres		Septic Tank Capacity Watertight Testing:	_____ litres	
	<input type="checkbox"/> YES	<input type="checkbox"/> NO		<input type="checkbox"/> YES	<input type="checkbox"/> NO

Minimum clearance distances as illustrated on attached site plan									
From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	
Lot Boundary	3 m	3 m	Cistern	8 m	5 m	Water Distribution	6 m	3 m	
Downslope Boundary	9 m	9 m	Watercourse	30 m	15 m	Foundation Drain	6 m	1.5 m	
Drilled Well	15 m	15 m	Wetland	30 m	15 m	Other		m	
Dug Well	30 m	30 m	Intermittent Drain	15 m	15 m	Other		m	





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### SUBMISSION DETAILS

#### On-site sewage system application for approval required attachment

QP/P.Eng. NAME: Ken Burrows PID: Lot WS-6 from PID 40310872

Test pit profile (m)		Soil evaluation results				
Total depth:	.3 m <th>soil layers</th> <th>soil type</th> <th>depth of soil (mm)</th> <th>density</th> <th>moisture</th>	soil layers	soil type	depth of soil (mm)	density	moisture
bedrock at:	.3 m	ORGANIC	organic mat	100		
water table at:	- m	first	s.silt	200	mod	mod
slope:	6 %	second	bedrock			
roots to:	.6 m	third				
mottling at:	- m	fourth				

System selection or design specifications						
Type of Disposal Field:	Sand Filter (suggested)			Imported sand fill required	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Distribution Trench Dimensions:	Length: _____ m Width: _____ m			Minimum permeability of imported sand	_____ m/sec	
Cut at Toe of Trench:	_____ mm			Width of Buffer - downslope - upslope	_____ m _____ m	
Interceptor Trench Liner:	<input type="checkbox"/> YES <input type="checkbox"/> NO depth: _____ mm <input type="checkbox"/> YES <input type="checkbox"/> NO thickness: _____			Depth of Buffer (at 5 m from trench)	_____ mm	
Pump or Siphon Capacity Watertight Testing:	_____ litres <input type="checkbox"/> YES <input type="checkbox"/> NO			Septic Tank Capacity Watertight Testing:	_____ litres <input type="checkbox"/> YES <input type="checkbox"/> NO	

Minimum clearance distances as illustrated on attached site plan									
From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	
Lot Boundary	3 m	3 m	Cistern	8 m	5 m	Water Distribution	6 m	3 m	
Downslope Boundary	9 m	9 m	Watercourse	30 m	15 m	Foundation Drain	6 m	1.5 m	
Drilled Well	15 m	15 m	Wetland	30 m	15 m	Other		m	
Dug Well	30 m	30 m	Intermittent Drain	15 m	15 m	Other		m	

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## SUBMISSION DETAILS

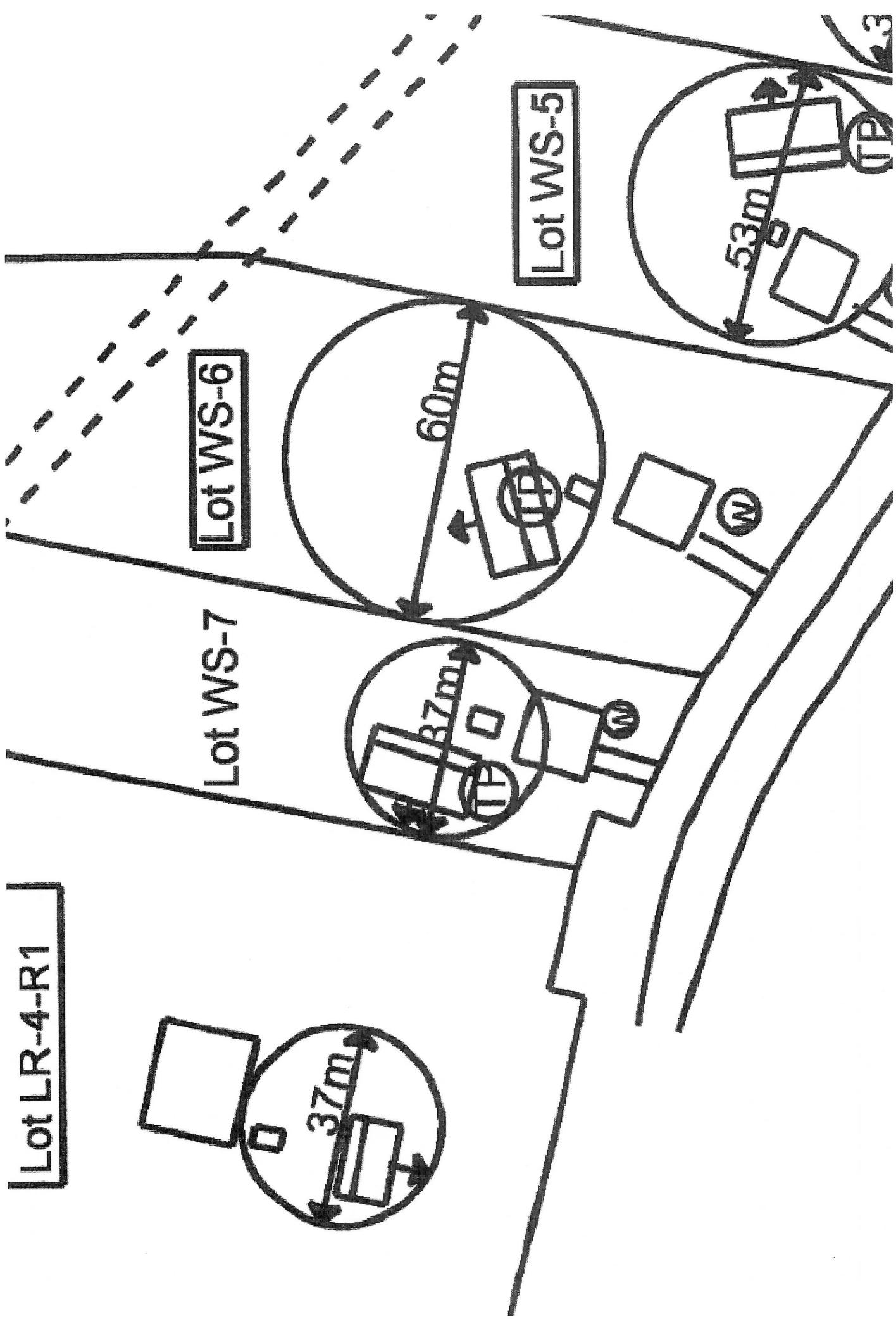
On-site sewage system application for approval required attachment

QP/P.Eng. NAME: Ken Burrows PID: Lot WS-7 from PID 40310872

Test pit profile (m)		Soil evaluation results			
Total depth:	1.5 m	soil layers	soil type	depth of soil (mm)	density
bedrock at:	- m	ORGANIC	organic mat	100	
water table at:	- m	first	s.silt	1400	mod
slope:	8 %	second			mod
roots to:	.6 m	third			
mottling at:	- m	fourth			

System selection or design specifications					
Type of Disposal Field:	Sand Filter (suggested)		Imported sand fill required	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Distribution Trench Dimensions:	Length: _____ m Width: _____ m		Minimum permeability of imported sand	_____ m/sec	
Cut at Toe of Trench:	_____ mm		Width of Buffer - downslope - upslope	_____ m _____ m	
Interceptor Trench Liner:	<input type="checkbox"/> YES <input type="checkbox"/> NO depth: _____ mm <input type="checkbox"/> YES <input type="checkbox"/> NO thickness: _____		Depth of Buffer (at 5 m from trench)	_____ mm	
Pump or Siphon Capacity Watertight Testing:	_____ litres <input type="checkbox"/> YES <input type="checkbox"/> NO		Septic Tank Capacity Watertight Testing:	_____ litres <input type="checkbox"/> YES <input type="checkbox"/> NO	

Minimum clearance distances as illustrated on attached site plan								
From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks
Lot Boundary	3 m	3 m	Cistern	8 m	5 m	Water Distribution	6 m	3 m
Downslope Boundary	9 m	9 m	Watercourse	30 m	15 m	Foundation Drain	6 m	1.5 m
Drilled Well	15 m	15 m	Wetland	30 m	15 m	Other	m	m
Dug Well	30 m	30 m	Intermittent Drain	15 m	15 m	Other	m	m



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### SUBMISSION DETAILS

#### On-site sewage system application for approval required attachment

**QP/P.Eng. NAME:** Ken Burrows

**PID:** Lot WP-2 from PID 40310872

Test pit profile (m)		Soil evaluation results			
Total depth:	1.2 m	soil layers	soil type	depth of soil (mm)	density
<b>bedrock at:</b>	- m	<b>ORGANIC</b>	organic mat	100	
<b>water table at:</b>	- m	<b>first</b>	s.silt	1100	mod
<b>slope:</b>	4 %	<b>second</b>			mod
<b>roots to:</b>	.3 m	<b>third</b>			
<b>mottling at:</b>	- m	<b>fourth</b>			

System selection or design specifications					
Type of Disposal Field:	Sand Filter (suggested)		Imported sand fill required		<input type="checkbox"/> YES <input type="checkbox"/> NO
Distribution Trench Dimensions:	Length: _____ m Width: _____ m		Minimum permeability of imported sand		_____ m/sec
Cut at Toe of Trench:	_____ mm		Width of Buffer - downslope - upslope		_____ m _____ m
Interceptor Trench Liner:	<input type="checkbox"/> YES <input type="checkbox"/> NO depth: _____ mm <input type="checkbox"/> YES <input type="checkbox"/> NO thickness: _____		Depth of Buffer (at 5 m from trench)		_____ mm
Pump or Siphon Capacity Watertight Testing:	_____ litres <input type="checkbox"/> YES <input type="checkbox"/> NO		Septic Tank Capacity Watertight Testing:		_____ litres <input type="checkbox"/> YES <input type="checkbox"/> NO

Minimum clearance distances as illustrated on attached site plan									
From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	
Lot Boundary	m	m	Cistern	m	m	Water Distribution	m	m	
Downslope Boundary	m	m	Watercourse	m	m	Foundation Drain	m	m	
Drilled Well	m	m	Wetland	m	m	Other	m	m	
Dug Well	m	m	Intermittent Drain	m	m	Other	m	m	

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### SUBMISSION DETAILS

On-site sewage system application for approval required attachment

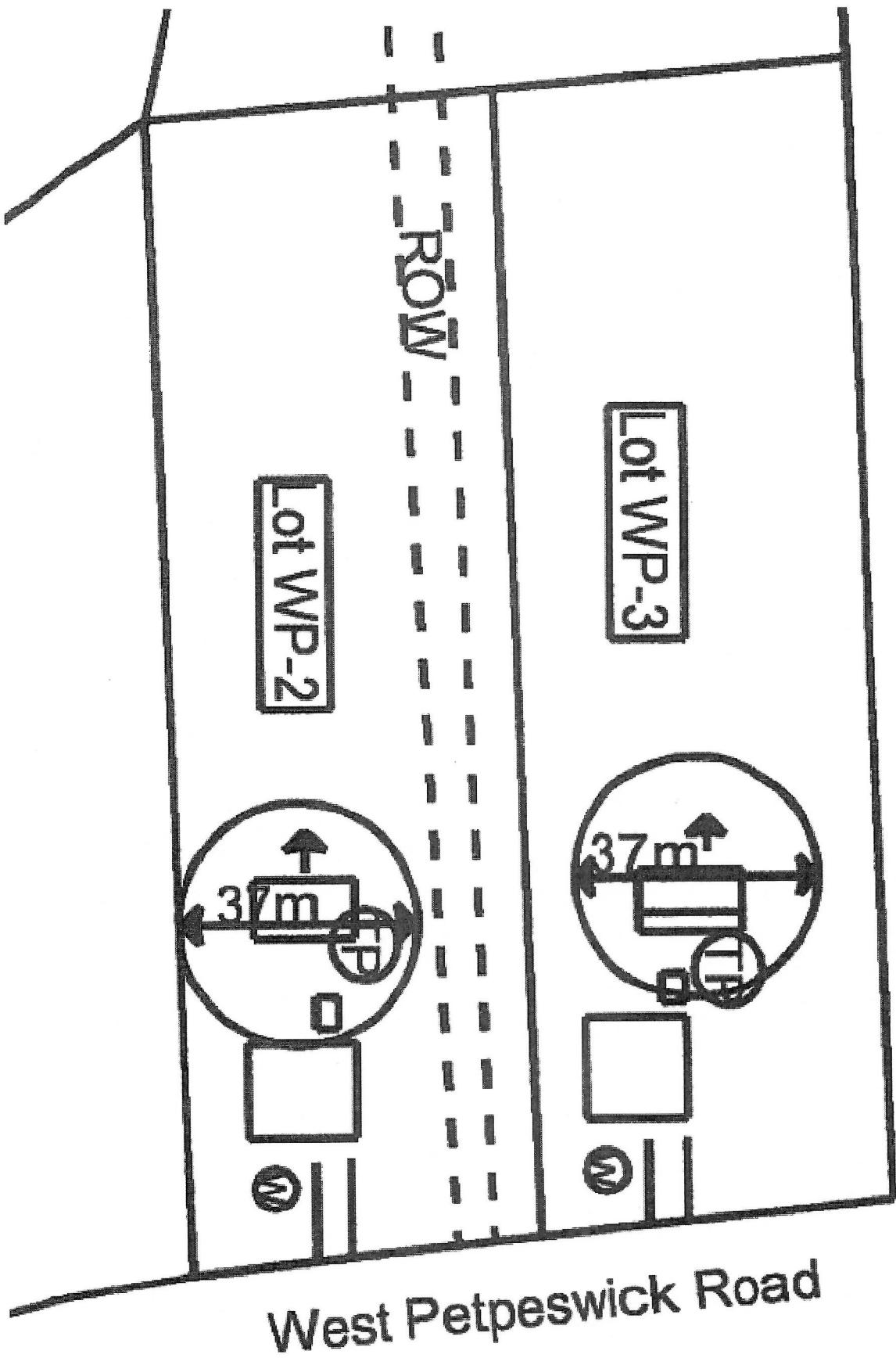
**QP/P.Eng. NAME:** Ken Burrows

**PID:** Lot WP-3 from PID 40310872

Test pit profile (m)		Soil evaluation results			
Total depth:	1.2 m	soil layers	soil type	depth of soil (mm)	density
bedrock at:	- m	ORGANIC	organic mat	100	
water table at:	- m	first	s.silt	1100	mod
slope:	4 %	second			mod
roots to:	.6 m	third			
mottling at:	- m	fourth			

System selection or design specifications					
Type of Disposal Field:	Sand Filter (suggested)		Imported sand fill required	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Distribution Trench Dimensions:	Length: _____ m Width: _____ m		Minimum permeability of imported sand	_____ m/sec	
Cut at Toe of Trench:	_____ mm		Width of Buffer - downslope - upslope	_____ m _____ m	
Interceptor Trench Liner:	<input type="checkbox"/> YES <input type="checkbox"/> NO depth: _____ mm <input type="checkbox"/> YES <input type="checkbox"/> NO thickness: _____ mm		Depth of Buffer (at 5 m from trench)	_____ mm	
Pump or Siphon Capacity Watertight Testing:	_____ litres <input type="checkbox"/> YES <input type="checkbox"/> NO		Septic Tank Capacity Watertight Testing:	_____ litres <input type="checkbox"/> YES <input type="checkbox"/> NO	

Minimum clearance distances as illustrated on attached site plan									
From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	
Lot Boundary	m	m	Cistern	m	m	Water Distribution	m	m	
Downslope Boundary	m	m	Watercourse	m	m	Foundation Drain	m	m	
Drilled Well	m	m	Wetland	m	m	Other	m	m	
Dug Well	m	m	Intermittent Drain	m	m	Other	m	m	



West Petpeswick Road

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### SUBMISSION DETAILS

#### On-site sewage system application for approval required attachment

**QP/P.Eng. NAME:** Ken Burrows

**PID:** Lot LR-4-R1 from PID 40310872

Test pit profile (m)		Soil evaluation results			
Total depth:	1.5 m	soil layers	soil type	depth of soil (mm)	density
bedrock at:	- m	ORGANIC	organic mat	100	
water table at:	- m	first	s.silt	1400	mod
slope:	6 %	second			mod
roots to:	.6 m	third			
mottling at:	- m	fourth			

System selection or design specifications					
Type of Disposal Field:	Sand Filter (suggested)		Imported sand fill required	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Distribution Trench Dimensions:	Length: _____ m	Width: _____ m	Minimum permeability of imported sand	_____ m/sec	
Cut at Toe of Trench:	_____ mm		Width of Buffer - downslope - upslope	_____ m _____ m	
Interceptor Trench Liner:	<input type="checkbox"/> YES <input type="checkbox"/> NO	depth: _____ mm	Depth of Buffer (at 5 m from trench)	_____ mm	
Pump or Siphon Capacity Watertight Testing:	_____ litres		Septic Tank Capacity Watertight Testing:	_____ litres	
	<input type="checkbox"/> YES	<input type="checkbox"/> NO		<input type="checkbox"/> YES	<input type="checkbox"/> NO

Minimum clearance distances as illustrated on attached site plan									
From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	
Lot Boundary	m	m	Cistern	m	m	Water Distribution	m	m	
Downslope Boundary	m	m	Watercourse	m	m	Foundation Drain	m	m	
Drilled Well	m	m	Wetland	m	m	Other	m	m	
Dug Well	m	m	Intermittent Drain	m	m	Other	m	m	



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### SUBMISSION DETAILS

#### On-site sewage system application for approval required attachment

QP/P.Eng. NAME: Ken Burrows PID: Lot LR-4-R2 from PID 40310872

Test pit profile (m)		Soil evaluation results			
Total depth:	1.2 m	soil layers	soil type	depth of soil (mm)	density
bedrock at:	- m	ORGANIC	organic mat	100	
water table at:	- m	first	s.silt	1100	mod
slope:	8 %	second			mod
roots to:	.6 m	third			
mottling at:	- m	fourth			

System selection or design specifications					
Type of Disposal Field:	Sand Filter (suggested)		Imported sand fill required	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Distribution Trench Dimensions:	Length: _____ m	Width: _____ m	Minimum permeability of imported sand	_____ m/sec	
Cut at Toe of Trench:	_____ mm		Width of Buffer - downslope - upslope	_____ m _____ m	
Interceptor Trench Liner:	<input type="checkbox"/> YES <input type="checkbox"/> NO	depth: _____ mm	Depth of Buffer (at 5 m from trench)	_____ mm	
Pump or Siphon Capacity Watertight Testing:	_____ litres		Septic Tank Capacity Watertight Testing:	_____ litres	
<input type="checkbox"/> YES	<input type="checkbox"/> NO		<input type="checkbox"/> YES	<input type="checkbox"/> NO	

Minimum clearance distances as illustrated on attached site plan									
From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	From Nearest	To Field	To Tanks	
Lot Boundary	m	m	Cistern	m	m	Water Distribution	m	m	
Downslope Boundary	m	m	Watercourse	m	m	Foundation Drain	m	m	
Drilled Well	m	m	Wetland	m	m	Other	m	m	
Dug Well	m	m	Intermittent Drain	m	m	Other	m	m	