



Van Isle Septic Services Inc.
Septic System Survey

Prepared For:
ALLEY ENTERPRISES LTD.
(dba Wild Rose Garden Centre)
Attention: Kent Moen

Property Inspected:
750 Tin Can Alley
Gabriola Island, BC

Inspection Date:
January 11, 2022

Van Isle Septic

1712 Vowels Road, Box 111 Cassidy, BC V0R 1H0
Office (250) 741-1222 Fax (250) 585-5223
Your Friend In The Business!

Date: January 11, 2022

Property: 750 Tin Can Alley
Gabriola Island, BC

Legal Description: LOT B, SECTION 19, LAND DISTRICT, PLAN VIP60373

Dear Mr. Moen,

As requested, Van Isle Septic Systems provided a septic survey on the above noted property. This report is prepared for the client stated above and requires his or her consent for any request of information be it verbal or written regarding this report. The report is based solely on the current conditions observed at that specific time and date and is in no way a guarantee on the future operating performance. This inspection is valid for 30 days from the date of issue. The owner of this document may use this report at his or her own discretion. The intent of this survey is to evaluate the operational performance of this system in relation to the current usage, potential usage, and general operations. Please note that vacant properties and weather conditions at the time of inspection could impact the results of this report.

Based on the information provided in the "Owner's Declaration" and upon performing visual and passive means of inspection on the current septic system we have the following comments and recommendations:

General Information

Current Weather Conditions:	Rain, Cloud & Wind
Property Type:	Commercial
No. of Staff:	3-8 (seasonal)
Septic System Design:	Type 1: Gravity with Lift Station
System Installed:	1995
Volume of Tank:	750 gallons
Dispersal Piping:	3" PVC
Health Permit Enclosed:	Yes

Sewage Lift Station Evaluation

The sewage from the building is processed in a small round poly lift station and is then pumped up to the septic tank for further distribution throughout the septic system.

The lift station is located: within the small rock wall barrier by the green houses

GPS Location: (lat. 49.176023, long. -123.831544)

Tank Volume: unknown

Lids Accessible: No

Risers: No

Soils depth (to lid): 6"

Lid for pump chamber: 14" Round Plastic

Condition: Fair

Pump Float: Yes

Demand dose: Yes

Timed dose: No

High Water Alarm: No

Comments: A high water alarm provides early warning in the event of a pump or float failure.

Electrical for pump (type & location): Plugin style

Condition: Good

GFI Receptacle: No

Hard wired: No

Treatment plant: No

Additional comments: Access to the pump in this small pump chamber was limited. The pump appears to be operational at this time. Overall, this small plastic pump chamber is in fair structural condition with limited access to its interior. The electrical component is operating at this time.

Septic Tank Evaluation

The septic tank receives effluent from the lift station by pressure. Inside the septic tank the solids are settled from the liquid, and the effluent travels through the system.

<i>Tank Components</i>	Type	Condition
General Tank	Concrete	Good
Inlet Sewer Line	PVC Pipe	Fair
Inlet Baffle	Concrete	Good
Outlet Baffle	Concrete	Fair
Effluent Filter	Not Applicable	Not Applicable
Compartment Wall	Concrete	Good

The septic tank is located: In the upper grassy area near the fencing storage area

GPS Location: (lat. 49.176331, long. -123.831506)

Tank Volume: 750 gallons

Tank Size: Length 96" x Width 48" x Depth 52"

Outlet @ 9" (from top of tank)

Lids Accessible: Yes

Risers: No

Soils depth (to lid): 0"

2 lids to access the tank: 20" Round Concrete

Condition: Good

1 lid for maintenance: 8" Square Concrete

Condition: Fair

Solids level: Light

Inlet pipe settled: No

Outlet pipe settled: Yes

Back flow from the septic field? No

Additional Comments: The outlet pipe for the tank has settled. There is no effluent filter installed on this system which, although not required, helps prolong the life of the system by keeping smaller solids from escaping the tank and entering the field. No cracks or leaks were visible in the tank at the time of the inspection.

Overall, this 700 gallon 2-chambered concrete septic tank appears to be in good condition with the exceptions of the pipe leaving the tank.

Septic System Distribution Evaluation

The effluent leaves the septic tank by gravity and travels to the distribution box (d-box) via:

Outlet sewer pipe: 3" PVC Pipe **Manifold:** No **Location:** Not Applicable

The d-box is located: 82" from the septic tank inlet hatch towards the raised area of the field

GPS Location: (lat. 49.176369, long. -123.831508)

Lids Accessible: No **Risers:** No **Soils depth (to lid):** 3"

Lid size: 12" Square Concrete **D-box overall Condition:** Good

Solid build-up: Light **Speedy Levellers:** No

Comments: The pipe from the septic tank to the distribution box shows some settlement.

Dispersal pipe: 3" PVC Pipe **No. of pipes:** 4 **Total Length:** ~200 lineal feet

Flow & Dye Test: No **Comments:** No access to water (shut off for winter)

Video Inspection: Yes **Comments:** Roots and sludge build up in all 4 runs;

Type of field: Trench **GPS Location:** (lat. 49.176412, long. -123.83158)

Describe location: Upper grassy area where the fence gates are located

Was dispersal area opened: Yes **Observations:** 3" PVC pipe in drain rock mix

Additional Comments: The pipe between the septic tank and the distribution box has settled. An interior investigation of the field lines showed roots and sludge build in all the runs. It is recommended to high-pressure flush the lines to remove blockages.

Overall, this septic field appears draining at a reduced rate at this time.

Other Comments and Observations

Based on observed site conditions and documentation provided in the geotechnical report dated August 25, 2021, the property should have the potential to be able to sustain additional areas for onsite sewage disposal.

Septic systems are not designed to be able to process the waste that a garborator produces, any garborator should be removed and/or upgrade system to accommodate garborator.

Any water treatment systems in the house that produce a "backwash" must not back flush into the sanitary.

We have the following recommendations:

(*Any anticipated renovations to the building may affect the recommendations in this report)

Repairs

- 1) High-pressure flush the field lines to remove blockages

Upgrades

- 1) Install speedy levellers
- 2) Install an effluent filter in outlet of septic tank
- 3) Monitor system performance and upgrade when required

Maintenance

- 1) Pump septic tank every 2-3 years
- 2) Flush the septic field with every second tank pump out
- 3) Have a maintenance contract to ensure the longevity of your system
- 4) Follow Do's and Don'ts (Google "Septic Savvy" for more information)

For ANY questions, comments or clarification please call us at (250) 741-1222. We would be pleased to be of further assistance, to go over this report if necessary.

Picture 1: Lift station location



Picture 2: GPS location of lift station



Picture 3: Limited access to interior of lift station (camera used for viewing)



Picture 4: Camera view inside lift station



Picture 5: Electrical for pump



Picture 6: Location of electrical



Picture 7: Septic tank location



Picture 8: GPS location of septic tank



Picture 9: Inlet maintenance hatch access



Picture 10: Outlet baffle



Picture 11: Location of distribution box (d-box)



Picture 12: GPS location of d-box



Picture 13: Interior of d-box



Picture 14: Septic field area



Picture 15: Exposed section of field



Picture 16: Field line exposure site



Picture 17: GPS location of exposure site



Picture 18: Ends of field lines flagged





SWEENEY
APPLICATION FOR PERMIT TO CONSTRUCT OR REPAIR A SEWAGE DISPOSAL SYSTEM

FOLIO NUMBER: 13905.408 DATE OF APPLICATION (DAY): AUG 28, 95
 New Construction Repair Alteration

OWNER INFORMATION
Correspondence to be sent to owner

NAME OF OWNER: MERVYN & ANNETTE SWEENEY TELEPHONE NUMBER: 247 8235
 Number and Street: BOX 330 GABRIOLA IS., B.C. City: VORIKO Postal Code:

APPLICANT INFORMATION
Correspondence to be sent to applicant

NAME OF APPLICANT: Same TELEPHONE NUMBER:
 Number and Street: Same City: Postal Code:

LOT INFORMATION

LEGAL DESCRIPTION OF WHERE DISPOSAL SYSTEM IS TO BE CONSTRUCTED: LOT "B" PLAN VIP 60373 SECT. 19
 STREET ADDRESS / GENERAL LOCATION: CORNER OF TIN CAN ALLEY & NORTH ROADS, GABRIOLA IS., NANAIMO DIST

PREMISE INFORMATION

SEWAGE DISPOSAL SYSTEM WILL SERVE: SINGLE FAMILY DWELLING DUPLEX
 OTHER (specify): GARDEN CENTRE
 ESTIMATED DAILY SEWAGE FLOW: TOILET & SINK 1200
 NUMBER OF BEDROOMS: 3 FINISHED BASEMENT: Yes No
 DO YOU INTEND TO ADD A BASEMENT SUITE OR MORE BEDROOMS IN THE FUTURE? Yes No
 TOTAL LIVING AREA: LOT SIZE: 1 HA.

SYSTEM INFORMATION

TYPE OF SEWAGE DISPOSAL SYSTEM: IN GARDEN CENTER SEPTIC TANK MANUFACTURER: ABC PRECAST
 CONVENTIONAL ALTERNATE (E.G. PRIVY LAGOON, RAISED MOUNDS, SEEPAGE BED)
 DEEP TRENCH OTHER (specify):
 MATERIAL OF SEPTIC TANK: CONCRETE LIQUID VOLUME OF TANK: 750 gal.
 TOTAL LENGTH OF DRAINAGE PIPE: 210' TYPE OF DRAINAGE PIPE: PVC OTHER (specify): 3" INSIDE DIAMETER OF PIPE: 3"
 PACKAGE TREATMENT PLANT IS PROPOSED GIVE: MAKE: TREATMENT CAPACITY: SEWAGE PUMP: YES NO
 MODEL: FIELD DOSE VOLUME PUMPED PER CYCLE:

ALTERNATE INFORMATION

PRESSURE DISTRIBUTION PROPOSED: YES NO LAGOON SIZE: DEPTH OF CLAY SOIL: GARBURATOR: YES NO

SITE INFORMATION

SOIL DESCRIPTION: DEPTH OF SOIL: over 1.2 m (4ft.) under 1.2 m (4 ft.) // under 1.2m (4 ft.), due to rock or clay at _____ ft. from surface.
 DEPTH TO WATER TABLE: over 1.2 m (4 ft.) under 1.2 m (4 ft.) // under 1.2m (4 ft.) the depth is _____
 PERC TESTS: SLOWEST RATE FROM test hole #1 5 min./2.5 cm (1 inch) test hole #2 5 min./2.5 cm (1 inch)
 AVERAGE OF SLOWEST RATE FROM EACH TEST HOLE 5 min./2.5 cm (1Inch)
 WATER INFORMATION: SOURCES OF DOMESTIC WATER: from across rd approx 500' away
 DISTANCES OF PROPOSED DISPOSAL FIELD FROM: 500' own well 200' neighbouring wells NA stream or lake 50' water lines

RESTRICTIVE COVENANTS

ARE THERE ANY RESTRICTIVE COVENANTS WHICH WILL AFFECT THE DESIGN OR LOCATION OF THE SEWAGE DISPOSAL SYSTEM? Yes No
 If Yes, explain COVENANT EG124744 RESTRICTS COMMERCIAL DEVELOPMENT TO "GARDEN CENTRE"

APPLICANT SIGNATURE

The information on this application is accurate and true to the best of my knowledge:
 Owner or Agent
 Signature: [Signature] Date: Aug 28 1995
 OFFICE USE ONLY: PAID: AUG 28 1995 DATE: \$250.00 946531 J INITIALS: 95108128

04-768-13905.408

SWEENEY

POSTED



Province of
British Columbia

Ministry of Health and
Ministry Responsible for Seniors

PIU - 023005 629. NEW SEWER LOT 5 PH.VIP 60373.
SLO 19 AUTHORIZATION TO OPERATE
MANAIHO L.D. A SEWAGE DISPOSAL SYSTEM

FOJO NUMBER	DATE OF APPLICATION (Y/M/D) Aug/28/95	NAME OF OWNER M Sweeney	247-8235	NAME OF CONTRACTOR Thor Simrosie Con
LEGAL DESCRIPTION OF LOT Lot B plan VIP 60373, SLO 19 CORNER OF TIN CAN ALLEY & NORTH ROAD, GABRIOLA IS MANAIHO L.D.		STREET ADDRESS / GENERAL LOCATION 750 North Rd + Tin Can Alley		
AS BUILT DIAGRAM : to be completed by the contractor or applicant		INSTALLED AS PER REGULATIONS <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		SIGNATURE OF OWNER / APPLICANT <i>[Signature]</i>

Scale
1 Box =

installed as per App.

POSTED

The Ministry of Health does not guarantee the useable life of the sewage disposal system. The life of the system is affected by the use and maintenance it receives. Pump out the septic tank every 2-3 years. For servicing of package treatment plants, consult your local service agent. For service guarantees, consult your local sewage disposal contractor. If the system needs repair or modification, a new permit is required. If the system is not authorized for backfilling and if corrections are required, a re-inspection fee of \$100 must be paid for each time the Public Health Inspector checks to see that the faults have been corrected.

DATE BACKFILL USE AUTHORIZED <i>Jan 16/96</i>	SUBJECT TO THE FOLLOWING CONDITIONS: <i>Backfill according to requirements</i>
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SIGNATURE PUBLIC HEALTH INSPECTOR / EHO: *[Signature]*

FOR PUBLIC HEALTH INSPECTOR / EHO USE ONLY

	APPROVED	REJECTED	NOT APPLICABLE		APPROVED	REJECTED	NOT APPLICABLE
septic tank	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	drain drain	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
package treatment plant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	interceptor drains	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
other (e.g. lagoon, holding tank) specify:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	pump	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
field laterals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	drain rock	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
distribution box	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	set back distances	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
siphon	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



SEWAGE DISPOSAL SYSTEM
**SEWAGE APPLICATION
APPEAL INFORMATION**

The Environmental Appeal Board is established under section 11 of the Environment Management Act. Appeals are heard by a panel of the Board. This ensures that sewage permit application process is administered openly and fairly. It also provides the public the right to an independent appeal process.

If a person is aggrieved by the issue or the refusal of a permit for a sewage disposal system, they may appeal that ruling to the Environmental Appeal Board. On hearing an appeal, the Environmental Appeal Board may confirm, vary or rescind the ruling under appeal.

A person who is issued a permit must post a public notice, provided by the Ministry of Health, which must contain a site map, the conditions of the permit or authorization, a description of how an appeal of the decision to issue the permit or authorization is commenced, and a reference to the time period for commencing that appeal. The public notice must be posted in a conspicuous place(s) on the property not more than 3 days after the date it was issued and must remain posted for 30 days from the date it was issued.

In addition to posting a public notice if the estimated sewage flow is more than 4,546 litres (1000 l.G.) per day, a notice must be published in the newspaper in the area.

I understand that my neighbours or any other aggrieved parties have 30 days, from the date of issuance, to appeal the permit and that the permit may be overturned by the Environmental Appeal Board. I am prepared to accept full responsibility for any construction that I may do during this time should the Environmental Appeal Board uphold the appeal and revoke my permit.

and THOR SIMPSON - CONTRACTOR

I, as registered owner of the property, hereby authorize, MORWYN SWEENEY as my agent for the purpose of applying for a permit to construct and for the purpose of constructing my proposed sewage disposal system.

Legal description of property:

LOT B. PLAN VIP 60373. SECTION 19

DISTRICT Nanaimo STREET TIN CAN ALLEY & N. ROAD

[Signature]
Signature of Registered Owner

PERMIT TO CONSTRUCT, INSTALL, ALTER OR REPAIR

Pursuant to this application and the Sewage Disposal Regulations, permission is hereby granted to construct, install, alter, or repair the sewage disposal system on this property. This permit may be cancelled if variations are made to these plans and specifications.

Conditions of Permit: This sewage system must comply with the requirements set forth in the B.C. Sewage disposal Policy Manual. This sewage field system must be 100 ft from any well and 50 feet from any breakout point

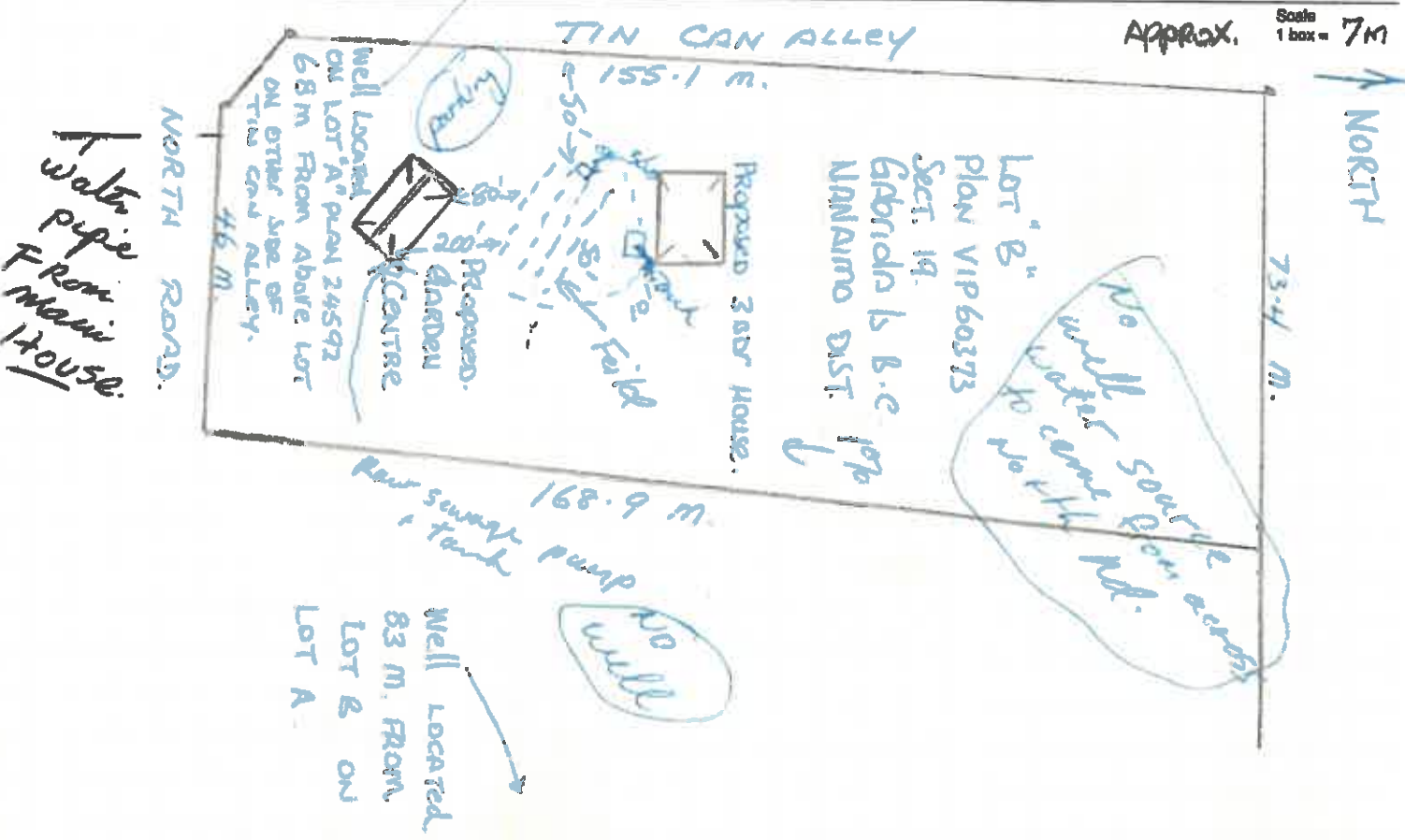
DATE PERMIT VALID: Aug 29/95 SIGNATURE OF PUBLIC HEALTH INSPECTOR / EHO: J. Murray

FOR PUBLIC HEALTH INSPECTOR / EHO USE ONLY		COMMENTS
SITE EVALUATION <input type="checkbox"/> file check <input type="checkbox"/> application complete and consistent <input type="checkbox"/> soil requirements met <input checked="" type="checkbox"/> setback distances	SITE INFORMATION <input type="checkbox"/> soil type _____ <input checked="" type="checkbox"/> soil depth _____ <input type="checkbox"/> water table _____ <input type="checkbox"/> slope _____	

PLOT PLAN DRAWN TO SCALE (to be completed by the Applicant/Contractor)

PLOT PLAN CHECKLIST The following items should appear on the plot plan of the proposed system. Indicate which items have been included by checking the appropriate box.

- | | | | | |
|--|---|---|--|--|
| <input type="checkbox"/> house (or house site)
<input type="checkbox"/> other buildings
<input checked="" type="checkbox"/> septic tank
<input checked="" type="checkbox"/> pkg. treatment plant
<input type="checkbox"/> disposal field
<input type="checkbox"/> drinking water sources
<input type="checkbox"/> yours <input type="checkbox"/> adjacent neighbours | <input type="checkbox"/> water lines
<input checked="" type="checkbox"/> parcolation test holes (2)
<input checked="" type="checkbox"/> observation test holes (2)
<input checked="" type="checkbox"/> surface water (creeks, streams, lakes)
<input type="checkbox"/> retaining wall
<input type="checkbox"/> "North" arrow
<input type="checkbox"/> direction of and percentage of ground slope | <input type="checkbox"/> roadways
<input type="checkbox"/> patio / deck
<input type="checkbox"/> paved areas
<input type="checkbox"/> parking areas
<input type="checkbox"/> dimensions of lot
<input type="checkbox"/> property lines
<input type="checkbox"/> swimming pool | Distance from septic tank:
<input checked="" type="checkbox"/> to house
<input type="checkbox"/> to domestic water source
<input checked="" type="checkbox"/> to domestic water pipeline
<input type="checkbox"/> to perimeter of lot | Distance from disposal field (or lagoon/mound):
<input checked="" type="checkbox"/> to house
<input type="checkbox"/> to perimeter of lot
<input type="checkbox"/> to own well
<input type="checkbox"/> to neighbouring wells
<input type="checkbox"/> to surface water (springs, streams, creeks, etc.)
<input type="checkbox"/> to interceptor drains |
|--|---|---|--|--|





Province of British Columbia

Ministry of Health
PUBLIC HEALTH
INSPECTOR

700 Tyn Can Alley

APPLICATION FOR A PERMIT TO CONSTRUCT A SEWAGE DISPOSAL SYSTEM

THE APPLICANT LISTED BELOW HEREBY MAKES APPLICATION FOR A PERMIT TO CONSTRUCT A SEWAGE DISPOSAL SYSTEM PURSUANT TO THE REQUIREMENTS OF THE SEWAGE DISPOSAL REGULATIONS AND AS DESCRIBED IN THE PLAN AND SPECIFICATIONS CONTAINED HEREIN AND OR ATTACHED HERETO.

Lot 6, P.I. V.P. 60373, S19, Nanaimo, B.C.

PLEASE PRINT OR TYPE

APPLICANT'S FULL NAME: Gabriola
OWNER'S NAME: Marys Edward O'Donnell

LEGAL DESCRIPTION AND STREET ADDRESS: Route 198 and Residents area
OWNER'S ADDRESS: 475 West Road Gabriola

PHONE: 250-198-145
APPLICANT'S PHONE: 250-198-145
FEDERAL CODE: BC
MUNICIPAL CODE: 247-9012
POSTAL CODE: V3R1V0
LEASER'S PHONE: 250-198-145

TYPE OF PREMISES SERVED:
 SINGLE FAMILY DWELLING
 DUPLEX
 OTHER: Private to serve Recycling building

ESTIMATED TOTAL DAILY SEWAGE FLOW: 6 people
DIMENSIONS OF LOT: 1 acre

DEPTH OF SOIL TO HARDWARE: 4 ft
SEPTIC TANK MAKE & YEAR MANUFACTURED: Temporary Piping

TYPE OF ULTIMATE DISPOSAL:
 CONVENTIONAL SYSTEM
 ALTERNATE (DESCRIBE): Temporary Piping

IF A PACKAGE TREATMENT PLANT IS PROPOSED: MAKE AND MODEL: _____ TREATMENT CAPACITY: _____

NOTE: A SITE PLAN MUST BE SUBMITTED WITH THIS APPLICATION AND PERCOLATION TEST RESULTS MUST ALSO BE PROVIDED. RESULTS SHOULD BE RECORDED ON PLOT PLAN.
THE SEWAGE DISPOSAL SYSTEM DESCRIBED ABOVE MUST BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SEWAGE DISPOSAL REGULATIONS. THE MEDICAL HEALTH OFFICER OR HIS DELEGATE MUST BE NOTIFIED WHEN THE INSTALLATION IS READY FOR USE AND BEFORE COVERING.

DATE OF APPLICATION: March 22 1990

SIGNATURE OF OWNER OR AGENT: M. Edward



PERMIT TO CONSTRUCT

PURSUANT TO THIS APPLICATION AND THE SEWAGE DISPOSAL REGULATIONS, PERMISSION IS HEREBY GRANTED FOR THE CONSTRUCTION OF A SEWAGE DISPOSAL SYSTEM.

CONDITIONS OF PERMIT:
See plate 13 for details of installation
3/4" perforated pipe is fluid lined
Any well must be 100ft from this sewage drain field
Mar 1 1990

NOTE: CONSTRUCTION MUST NOT COMMENCE UNTIL THIS PERMIT HAS BEEN SIGNED BY THE MEDICAL HEALTH OFFICER OR PUBLIC HEALTH INSPECTOR. AUTHORIZATION TO USE THE SEWAGE DISPOSAL SYSTEM MUST BE GRANTED IN WRITING BY THE AUTHORITY HAVING JURISDICTION BEFORE BACKFILLING. CHECK WITH YOUR LOCAL AUTHORITIES REGARDING BUILDING AND ZONING BY-LAWS. THIS PERMIT IS NOT TRANSFERABLE AND EXPIRES SIX MONTHS FROM DATE OF ISSUE.

COMMENTS:
For Paving - Paving must be fly tight & Redant
road and must be 100ft from any well site

BACKFILLING AND/OR COVERING: YES NO DATE: _____
MEDICAL HEALTH OFFICER OR PUBLIC HEALTH INSPECTOR: _____

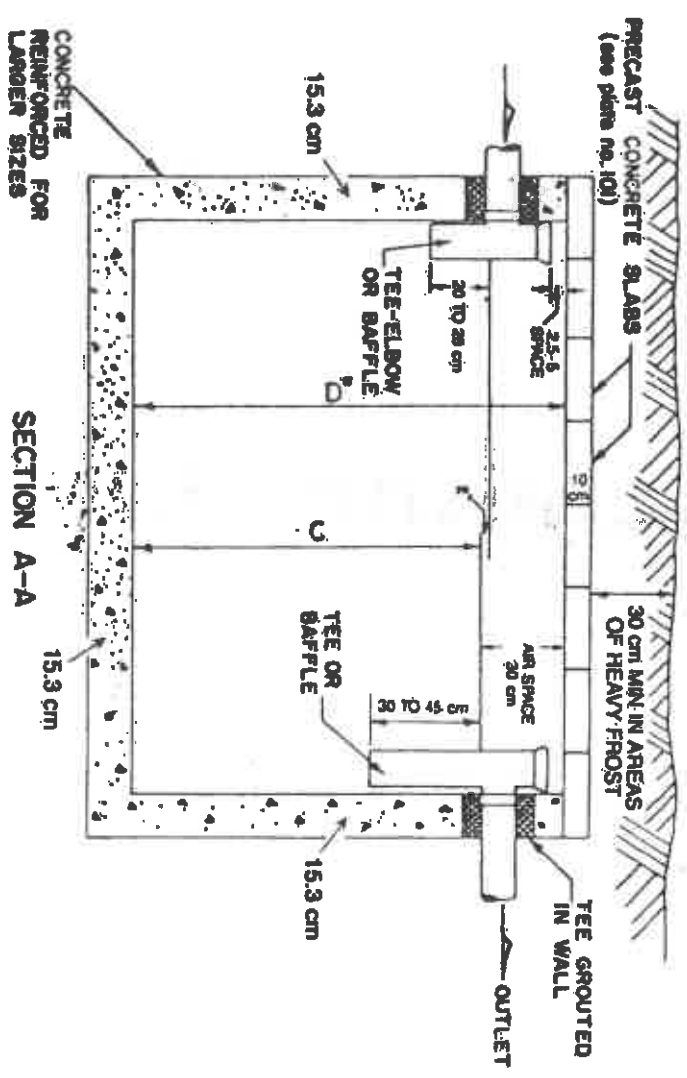
A PLOT PLAN SHOWING LOCATIONS OF BUILDINGS, SEPTIC TANKS, DISPOSAL FIELDS (YOURS AND YOUR NEIGHBOURS), ALL DRINKING WATER SOURCES, WATER LINES, PERCOLATION HOLES AND RESULTS, 4 FOOT TEST HOLES AND SURFACE WATERS MUST BE PROVIDED WITH THIS APPLICATION.

The Paving was installed Susan. yeard.
for the recycling depo.

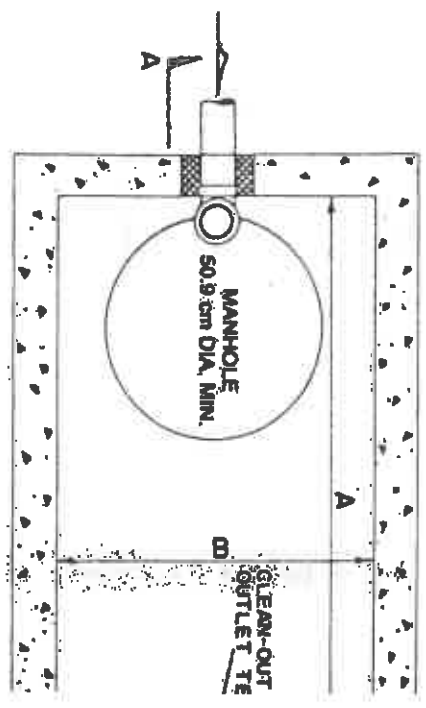
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File

3. The septic tank should be watertight.
11. The septic tank shall be located to provide a minimum of 4 cm per 30 cm in the building drain and built
12. A septic tank shall be located not less than:
 - (a) 15.24 m from a source of domestic water,
 - (b) 1 m from a parcel boundary,
 - (c) 1 m from a building,
 - (d) 3 m from a domestic water pipeline.



RECOMMENDED DIMENSIONS						
No. OF BEGRODS	TANK VOLUME	M.	A	B	C	D
2 or less	2273	2.1	1.	1.2	1.5	
3	2727	2.5	1.	1.2	1.5	
4	3409	2.5	1.1	1.2	1.5	
5	4091	2.75	1.2	1.2	1.5	
6	5000	3	1.4	1.2	1.7	



NOTE: THE MANHOLE AND CLEAN-OUT MUST BE INCORPORATED IN A POURED IN PLACE



RECOMMENDED DESIGN
HOUSEHOLD SEPTIC
Province of
British Columbia