



**SNOHOMISH HEALTH DISTRICT**

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MAR 21 2008

SNOHOMISH Health District

Healthy People Healthy Communities

**ENVIRONMENTAL HEALTH DIVISION**  
Water & Wastewater Section  
3020 Rucker Avenue, Suite 104  
Everett, WA 98201-3900  
425.339.5250

**ONSITE SEWAGE DISPOSAL SYSTEM PLAN (AS-BUILT)**

Type of System:  Gravity  LPD  SF  Mound  Repair  
 Reduced System  Other \_\_\_\_\_

Permit No. 33005 Property Tax Account No. 010085-000-007-00 Lot # 7

Owner Name Chinook Homes

Owner Address P.O. Box 1025 City Snohomish, WA Zip 98291

ADDRESS OF PROPERTY OFF OF 280TH ST NW 19719 1st Dr NW Stanwood, WA

Legal Description Lakewood Crest Arington

Designer Richard H Whelan, Whelan Design Address P.O. Box 282 Maroon, WA Phone 360-794-8008

Installer Emthorne Excavation Address 8801 182nd St SE Snohomish, WA Phone 800.888.2482

Onsite Sewage Disposal System installed and approved for 4 # of bedrooms, or 1200 sq. ft. of absorption area installed for 480 gal. per day.

I hereby certify the accompanying documentation is an accurate representation of the system installed at the above referenced property. I also certify all requirements listed on the approved Application for Onsite Sewage Disposal Permit dated 3/17/2008 have been complied with.

[Signature] Signature of Designer or P.E. License # 5100180 Date 3/17/2008

ACCEPTED  NOT ACCEPTED DATE 4/24/08

[Signature] Signature of Sanitarian

Remarks \_\_\_\_\_

**ATTENTION HOME OWNER**

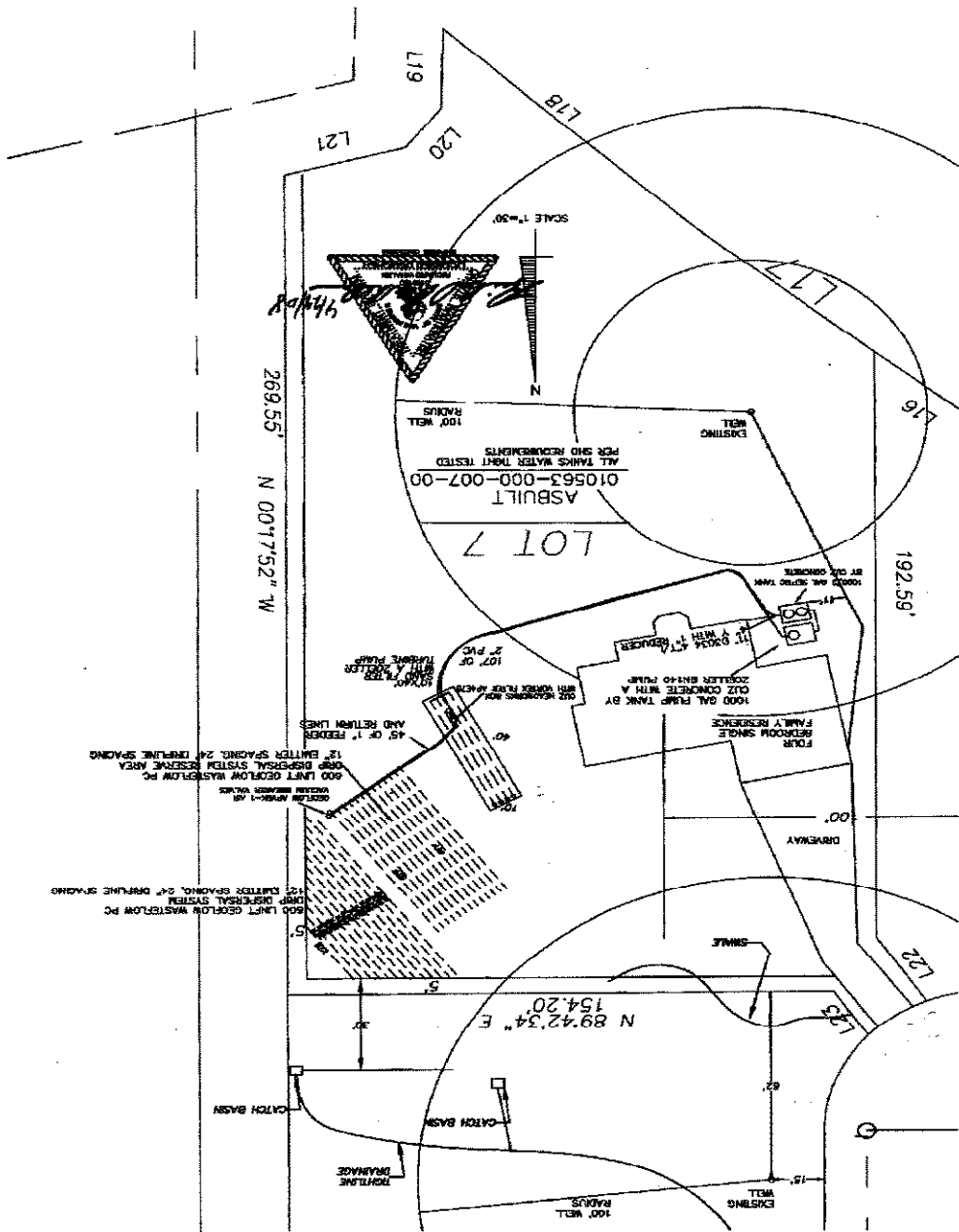
Your onsite sewage disposal system has limitations! It was designed and installed to care for an average sized family. Over-loading the septic tank or disturbance of the drainfield may seriously impair satisfactory operation. Points to remember:

1. Have your tank checked periodically to see if pumping is necessary (every 2 1/2 to 3 years).
2. Do not channel ground water, surface water, footing drains or downspouts into the tank or drainfield.
3. Do not excavate, fill, place a structure, driveway or patio in, on, or over the drainfield and its replacement area.
4. Limit toilet fixture disposal to sanitary wastes and toilet tissue.
5. Detergents and bleaches used in normal household quantities will not harm the action of the septic tank and disposal field.
6. Practice water conservation.
7. Snohomish Health District strongly recommends garbage grinders NOT be used.

It is the homeowners responsibility to insure the system is properly operated and maintained. Refer to the Operation and Maintenance material provided.

14324

4/24/08  
[Signature]





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**ONSITE SEWAGE DISPOSAL SYSTEM PLAN (AS-BUILT) Page 2**

Type of System:  Gravity  LPD  SF  Mound  ATU  Repair  
 Reduced System  Other \_\_\_\_\_

Submit separate as-built pg. 2 for each pump component; e.g., SF+LPD, SF+Mound, or SF+pump to gravity.

Permit No. 2008 Property Tax Account No. 010000-000-007.01 Lot # 7

Date pressure tested 1/21/2007 Pressure tested using nominal voltage \_\_\_\_\_

**Onsite Sewage System Information**

Check and/or specify all that apply:

**PUMP CHAMBER TO SANDFILTER**

Septic tank size <u>1000</u> gallons	Septic tank manufacturer/model <u>QUIZ CONCRETE</u>
Pump chamber size <u>1000</u> gallons	Pump chamber manufacturer <u>QUIZ CONCRETE</u>
Pump chamber <u>30</u> gal/inch	Pump make/model <u>ZOELLER 88140</u>
Tested pump capacity <u>45</u> GPM	Total installed dynamic head <u>18</u> ft.
Dose volume <u>87</u> gallons	Doses per day <u>18</u>
Drawdown per dose cycle <u>1.4</u> inches	Control Panel make/model <u>AQUA WORKS</u>
Alarm location <u>ON WALL NEAR TANKS</u>	

Timed dosing?  Yes  No If yes, then: Time pump on 32 Time pump off 1.3 HRS

Lateral diameter <u>1.25</u> inches	Residual head squirt height <u>3F</u>
Orifice diameter <u>3/16</u> inches	Total # of orifices <u>75</u>
Orifice spacing <u>2</u>	Orifice orientation <u>12:00</u>

Disinfection?  Yes  No Type of disinfection \_\_\_\_\_

Sieve analysis attached?  Yes  No

Elapsed time meter?  Yes  No

Anti-siphon hole/valve?  Yes  No

Gravelless drainfield system?  Yes  No Type \_\_\_\_\_

All tanks tested and found water tight?  Yes  No  
Why not? \_\_\_\_\_

All orifices at 12:00 for pressure test?  Yes  No  
Why not? \_\_\_\_\_

Orifices unobstructed  Yes  No

4/28/08  
BZ



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**ONSITE SEWAGE DISPOSAL SYSTEM PLAN (AS-BUILT) Page 3**

Type of System:  Gravity  LPD  SF  Mound  ATU  Repair  
 Reduced System  Other \_\_\_\_\_

Submit separate as-built pg. 2 for each pump component; e.g., SF+LPD, SF+Mound, or SF+pump to gravity.

Permit No. 39996 Property Tax Account No. 010563-000-007-00 Lot # 7

Date pressure tested 1/22/2007 Pressure tested using nominal voltage \_\_\_\_\_

**Onsite Sewage System Information**

Check and/or specify all that apply:

**SANDFILTER TO DRAINFIELD**

Septic tank size 1000 gallons Septic tank manufacturer/model CHZ CONCRETE  
Pump chamber size 1000 gallons Pump chamber manufacturer CHZ CONCRETE  
Pump chamber 40 gal/inch Pump make/model ZOELLER TURBINE  
Tested pump capacity 6.3 GPM Total installed dynamic head 85 ft.  
Dose volume 40 gallons Doses per day 12  
Drawdown per dose cycle 6 inches Control Panel make/model RHOMBUS DRIP  
Alarm location ON WALL NEAR TANKS

Timed dosing?  Yes  No If yes, then: Time pump on 7.53 MIN Time pump off 1.53 HRS

Lateral diameter 8 inches Residual head squirt height 40 PSI  
Orifice diameter \_\_\_\_\_ inches Total # of orifices 800  
Orifice spacing 1 inches Orifice orientation 9-00

Disinfection?  Yes  No Type of disinfection \_\_\_\_\_  
Sieve analysis attached?  Yes  No  
Elapsed time meter?  Yes  No  
Anti-siphon hole/valve?  Yes  No  
Gravelless drainfield system?  Yes  No Type DRIP

All tanks tested and found water tight?  Yes  No  
Why not? \_\_\_\_\_

All orifices at 12:00 for pressure test?  Yes  No  
Why not? DRIP

Orifices unobstructed  Yes  No

4/28/08  
BLC