

SOIL EVALUATION REPORT

PROPERTY LOCATION 15065 Lewis River Road, Ariel, WA

APPLICANT: Doug Ray PHONE: (206) 256-0557

MAILING ADDRESS: 7416 N.E. 69th Vancouver WA 98662
CITY STATE ZIP

SPECIFICATIONS:

FOR 3 BEDROOM DWELLING: SEPTIC TANK 900 GALLON MINIMUM CAPACITY (TWO COMPARTMENT)

TYPE OF WATER SUPPLY: DRAINFIELD 540 SQUARE FEET TOTAL MINIMUM (LENGTH X WIDTH OF TRENCHES)

Well
EXISTING _____ PROPOSED X

LAYOUT OF SYSTEM:

NUMBER OF DRAINFIELD LINES: 3 OR 4
LENGTH OF DRAINFIELD LINES: 68 OR 52
WIDTH OF DRAINFIELD LINES: 3' OR 3'
TRENCH DEPTH: MINIMUM 18", MAXIMUM 24"
MINIMUM DISTANCE BETWEEN TRENCHES (CENTER TO CENTER): 7.5'

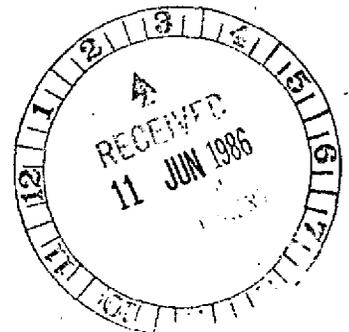
ADDITIONAL REQUIREMENTS:

NOTE:

This approval indicates that this site is suitable for septic tank and drainfield use. A septic tank permit will be issued by the Department of Community Development provided the site meets the requirements of other relevant regulations such as the County Comprehensive Plan, the Subdivision Ordinance, and the Shoreline Management Plan.

- OFFICE COPY
- DCD COPY _____
Date Sent _____
- APPLICANT'S COPY _____
Date Sent _____

SUBMITTED BY: *Willy Ben*
6/1/86
DATE



-SITE CHARACTERISTICS

Topography: General Topographic Characteristics relatively flat
 Drainage Characteristics: no surface drainage
 Slopes: General 0-5 %; Proposed Drainfield Location 0 %
 Geology: Type of Bedrock & Depth no data
 Vegetation: fir saplings and poles
 Distance to, and type of, nearest surface water: 300' (canal)
 (If Less than 250 Feet)
 Distance to nearby wells: NA
 (If Less than 250 Feet)
 Distance to public sewers: NA
 (If Less than 500 Feet)
 Other structures on property: NA

-SOIL SERIES

As mapped by U.S. Soil Conservation Service: CmB
 Appears to be (if different from S.C.S. Classification): _____

-SOIL LOGS

<u>Depth</u>	<u>Description</u>	<u>Comments</u>
0"-10"	sandy silt loam	dark brown
10"-60"	sandy silt loam	light brown
		occasional sand layers

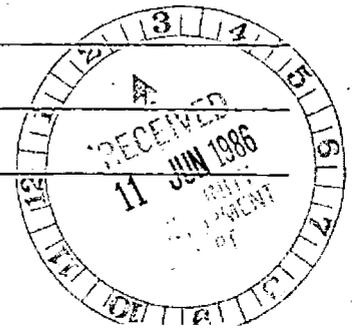
<u>Depth</u>	<u>Description</u>	<u>Comments</u>

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-MAXIMUM SEASONAL GROUNDWATER ELEVATION

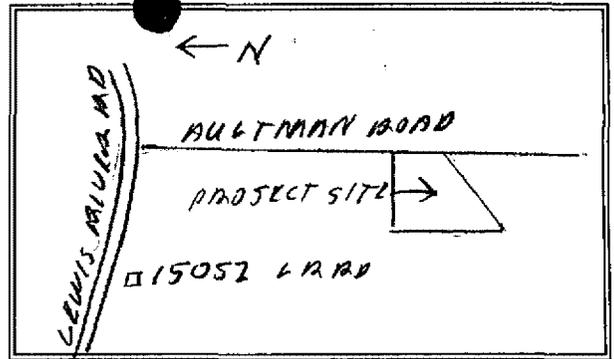
Soil Mottling _____ Water Table _____
 (Depth Found & Degree of Development) (Depth to Standing Water)

COMMENTS: _____

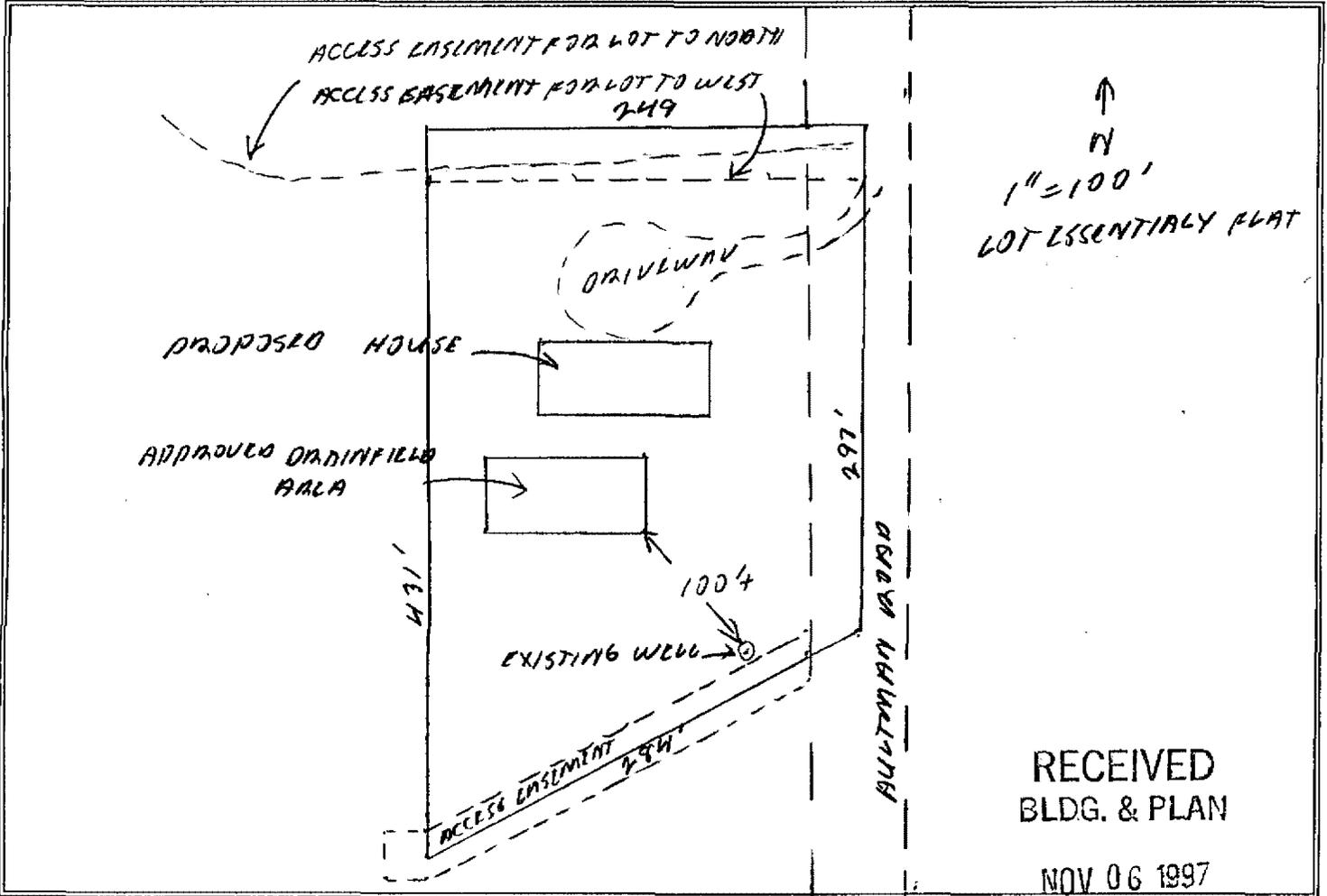


VICINITY MAP MUST SHOW:

1. Location of property. >
2. Directional arrow indicating north. >
3. Any adjacent property addresses and landmarks near subject property. >
4. Nearest intersecting roads. >



DO NOT USE SITE PLAN FRAME AS PROPERTY LINES!



SITE PLAN MUST SHOW:

1. Lot dimensions and property lines.
2. Directional arrow indicating north.
3. Road location and any existing or proposed driveways.
4. All proposed and existing structures, their dimensions and distances to each other, to property lines and to centerline of road.
5. Location of soil test area, drainfield, reserve drainfield area, slope of land, well, and their distances to proposed structures or projects.
6. Location and amount of any fill or grading.
7. Location of address stake, if applicable.
8. All bodies of water, natural and manmade (streams, creeks, rivers, ditches, etc.), and distance to proposed structures or development.
9. All easements (utility, access, etc.)
10. Adjacent property addresses and uses.
11. Draw to scale, if possible.

97112388

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. W085360

UNIQUE WELL I.D. # _____

Water Right Permit No. _____

(1) OWNER: Name Maurice Lamb DOUGLASS Address 7012 N E 74 Th. Ave. Vanc. Wa.

(2) LOCATION OF WELL CSURP ~~XXXX~~ Lowitz NE 1/4 NE 1/4 Sec 17 T. 6 N. R. 4 E W.M.

(2a) STREET ADDRESS OF WELL (or nearest address) Aultman Rd.

(3) PROPOSED USE: Domestic Industrial Municipal
 Irrigation Test Well Other
 DeWater

(4) TYPE OF WORK: Owner's number of well (if more than one) _____
 Abandoned New well Method: Dug Bored
 Deepened Cable Driven
 Reconditioned Rotary Jetted

(5) DIMENSIONS: Diameter of well 6 inches.
 Drilled 55 feet. Depth of completed well 55 feet.

(6) CONSTRUCTION DETAILS:
 Casing installed: 6 Diam. from plus 1/2 ft. to 41 ft.
 Welded 4 1/2 pvc Diam. from 44 ft. to 55 ft.
 Liner installed
 Threaded Diam. from _____ ft. to _____ ft.

Perforations: Yes No
 Type of perforator used Saw
 SIZE of perforations 1/8 in. by 4 in.
30 perforations from 47 ft. to 52 ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.

Screens: Yes No
 Manufacturer's Name _____
 Type _____ Model No. _____
 Diam. _____ Slot size _____ from _____ ft. to _____ ft.
 Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel packed: Yes No Size of gravel _____
 Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes No To what depth? 18 ft.
 Material used in seal bentonite holeplug
 Did any strata contain unusable water? Yes No
 Type of water? _____ Depth of strata _____
 Method of sealing strata off _____

(7) PUMP: Manufacturer's Name _____
 Type: _____ H.P. _____

(8) WATER LEVELS: Land-surface elevation above mean sea level _____ ft.
 Static level 34 ft. below top of well Date 5/27/97
 Artesian pressure _____ lbs. per square inch Date _____
 Artesian water is controlled by _____ (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes, by whom? _____
 Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.

" " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test _____
 Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Airstest 16 gal./min. with stem set at 43 ft. for 1 hrs.
 Artesian flow _____ g.p.m. Date _____
 Temperature of water _____ Was a chemical analysis made? Yes No

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

MATERIAL	FROM	TO
top soil & subsoil	0	2
clay silty soft brown	2	11
gravel pumice & sand gray	11	30
pumice sand gravel & water	30	50
rock brown & water	50	52
rock brown brittle	52	55
end	55	

Work Started 5/28/97 19. Completed 5/27/97 19

WELL CONSTRUCTOR CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME Zent Drilling Inc. (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)

Address 7310 St. Johns Rd. Vanc. 98665

(Signed) Mark Zent License No. 1652
 (WELL DRILLER)

Contractor's Registration No. ZENTDI*28500 Date 9/29/97 19

(USE ADDITIONAL SHEETS IF NECESSARY)

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