

BRIAN L. HEWITT ENGINEERING L.L.C.

Site Evaluation Report

February 13, 2008

Job # 08-016

Property Address: near 150 Godfrey Rd. Kelso, Washington 98626

351 Adaglen Rd

Parcel Number: W10216001

Applicant Name: Alan & Helen Godfrey, 150 Godfrey Rd. Kelso, Washington 98626

Number of Bedrooms for Septic Design: 3

Acres: 10.180

Site Characteristics

General Topographic Characteristics: Kalama Gravelly Loam

Drainage Characteristics: Moderately Well Drained

Slopes: General: 8-15 % Proposed Drainfield Location: 15 %

Geology: Type of Bedrock & depth: None noted

Vegetation: Varying sizes of timber.

Distance to, and type of, nearest surface water: None
(If less than 250 ft.)

Distance to nearby wells: 170' + to proposed

Distance to public Sewers: None

Other Structures on Property: None

Engineer's statement regarding type of system required:

Based upon the soil analysis performed February 12, 2008 it is my determination that the primary on-site sewage system is approved for a Pressure Distribution system.

The primary Drainfield area will require 900 sq. ft. (of Drainfield) minimum and 2,386 sq. ft. (land area) or 64 ft. by 38 ft.

The reserve area is approved for a Pre-Treatment to Pressure Distribution system and will require 900 sq. ft. (of Drainfield) minimum and 2,386 sq. ft. (land area) or 64 ft. by 38 ft.

Submitted by: Brian L. Hewitt P.E. # 29393 Expires 5/1/09

Date: February 13, 2008

APPROVED
3-11-08 AD



2/18/08

EXPIRES 5/1/09



BRIAN L. HEWITT ENGINEERING L.L.C.

Soil Evaluation Report

February 13, 2008

Job # 08-016

Property Address: near 150 Godfrey Rd. Kelso, Washington 98626

351 Alder Glen Rd.

Parcel Number: WI0216001

Applicant Name: Alan & Helen Godfrey, 150 Godfrey Rd. Kelso, Washington 98626

Section 2 Township 8N Range 2W Tax Lot # T-6

Subdivision Number Lot of

Soil Information

As mapped by U.S. Soil Conservation Service (S.C.S.): Kalama Gravelly Loam

Soil Profile:

	<u>Depth</u>	<u>Description</u>	<u>Comments</u>
<u>Test Hole #1</u>	0-14"	Silt Loam (sil)	Dark Brown sbk/2/m
	14-40"	Gravelly Silty Clay Loam (gsicl)	Brown pr/2/m
	40-52"	Gravelly Silty Clay Loam (gsicl)	Multi pr/1/m
	52-60"	Silty Clay (sic)	Multi, Massive
	Roots to 36"	Moderate Mottling at 40"	Water at 46"
<u>Test Hole #2</u>	0-12"	Silt Loam (sil)	Dark Brown sbk/2/m
	12-40"	Gravelly Silty Clay Loam (gsicl)	Brown pr/2/m
	40-60"	Gravelly Silty Clay Loam (gsicl)	Multi pr/1/m
	Roots to 47"	Moderate Mottling at 40"	Water at 47"
<u>Test Hole #3</u>	0-16"	Silt Loam (sil)	Dark Brown sbk/2/m
	16-39"	Gravelly Silty Clay Loam (gsicl)	Brown pr/2/m
	39-48"	Silty Clay (sic)	Tan, Massive
	Roots to 34"	Moderate Mottling at 39"	No Water
<u>Test Hole #4</u>	0-10"	Silt Loam (sil)	Dark Brown sbk/2/m
	10-32"	Gravelly Silty Clay Loam (gsicl)	Brown pr/2/m
	32-48"	Gravelly Silty Clay Loam (gsicl)	Multi pr/1/m
	Roots to 36"	Moderate Mottling at 32"	Water at 34"

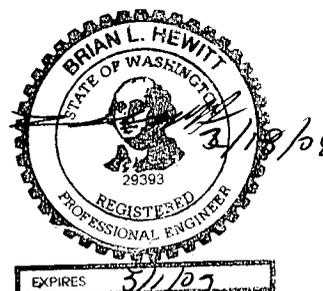
Maximum Seasonal Groundwater Elevation:

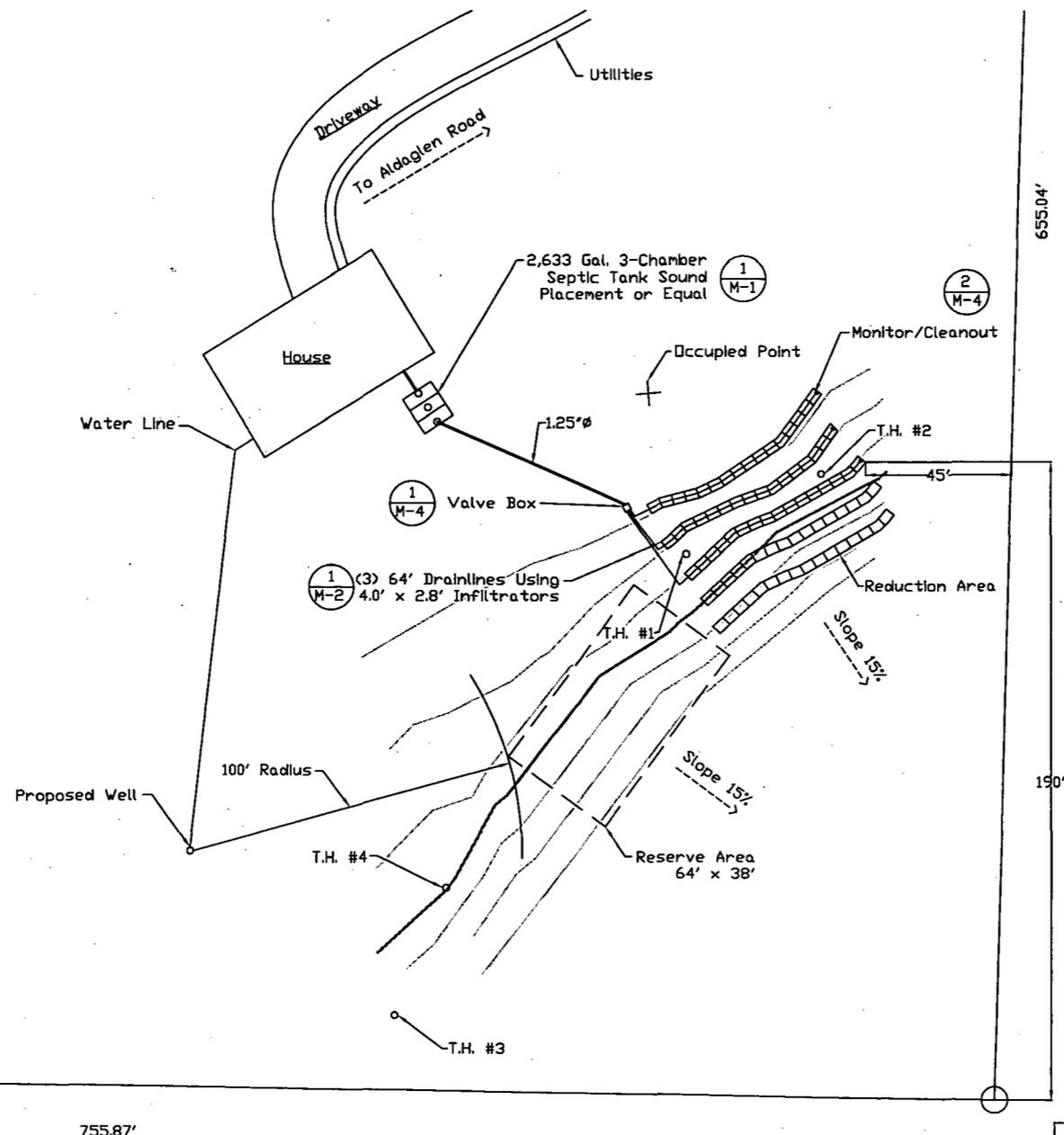
Soil Mottling: Moderate at 40" in the primary area WAC Soil Classification: Type 5
(Depth and degree of development) (1A, 1B, 2A etc.)

Hydraulic Loading Rate: 0.40 gallons/sq ft/day Water Table: 34-47"
(depth to standing water)

Additional Comments:

APPROVED
3-11-08 AD





755.87'

PLOT PLAN

APPROVED
3.11.08 AD

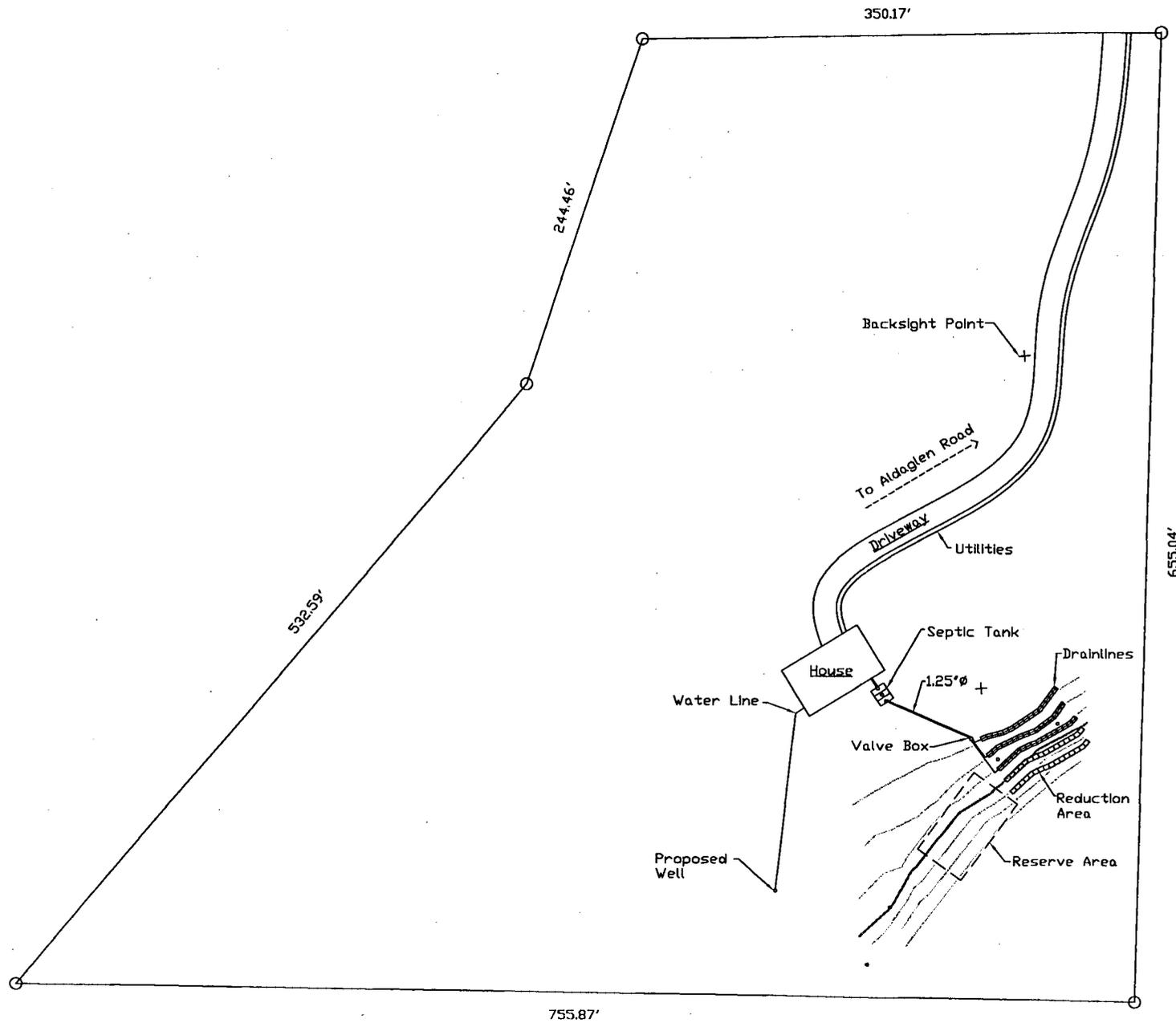
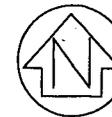
RECEIVED
MAR 11 2008
COWLITZ COUNTY
BUILDING & PLANNING

If Drainfield is to be installed other than the months of June-September the installer must contact Brian Hewitt Engineering before work begins for soil moisture content approval.



EXPIRES MAY 1, 2009

Allen Godfrey (WI0216001) 351 Aldaglen Road Kelso, Washington 98626	
Brian L. Hewitt Engineering L.L.C. 3029 Maple St. Longview, Washington 98632 Cell: 360.751.3751 Fax: 360.425.2255 e-mail: Hewitt.Engineering@comcast.net	
Date: 03/10/08	Job #08-016
Scale: 1"=40'-0"	Rev. 1 Sheet M-5



APPROVED
3.11.08 AD

SITE PLAN



EXPIRES MAY 1, 2009

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351 Aldaglen Road
Kelso, Washington 98626
Brian L. Hewitt Engineering L.L.C.
3029 Maple St.
Longview, Washington 98632
Cell: 360.751.3751 Fax: 360.425.2255
e-mail: Hewitt.Engineering@comcast.net

Date: 03/10/08 Job #08-016

Scale: 1"=80'-0" Rev. 1 Sheet M-6