



# BRIAN L. HEWITT ENGINEERING L.L.C.

## Site Evaluation Report

December 1, 2008

Job # 08-177.3

Property Address: Near 198 Badger Rd. Kelso Washington 98626

Parcel Number: Portion of WD2211017

Applicant Name: Steve Peeler, 2210 West Main St. #107 PMB 346 Battleground, Washington 98604

Number of Bedrooms for Septic Design: 4

Acres: 2.01

### Site Characteristics

General Topographic Characteristics: Hazeldell Gravelly Silt Loam

Drainage Characteristics: Good, no surface water

Slopes: General: 20-30 % Proposed Drainfield Location: 25 %

Geology: Type of Bedrock & depth: none

Vegetation: Scrub Brush

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

Distance to nearby wells: Maintain 100'+

Distance to public Sewers: none

Other Structures on Property: none

### Engineer's statement regarding type of system required:

Based upon the soil analysis performed November 29, 2006 & it is my determination that the primary on-site sewage system is approved for an Intermittent Sand Filter followed by a Pressure Distribution system.

The primary Drainfield area will require 1,200 sq. ft. (of Drainfield) minimum and 3,181 sq. ft. (land area) or 68 ft. by 47 ft.

The reserve area is approved for an Advantex Treatment with UV disinfection system followed by a sub-surface drip drainfield system and will require 2,400 sq. ft. (of Drainfield) minimum and 3,600 sq. ft. (land area) or 68 ft. by 53 ft.

Submitted by: Brian L. Hewitt P.E. # 29393

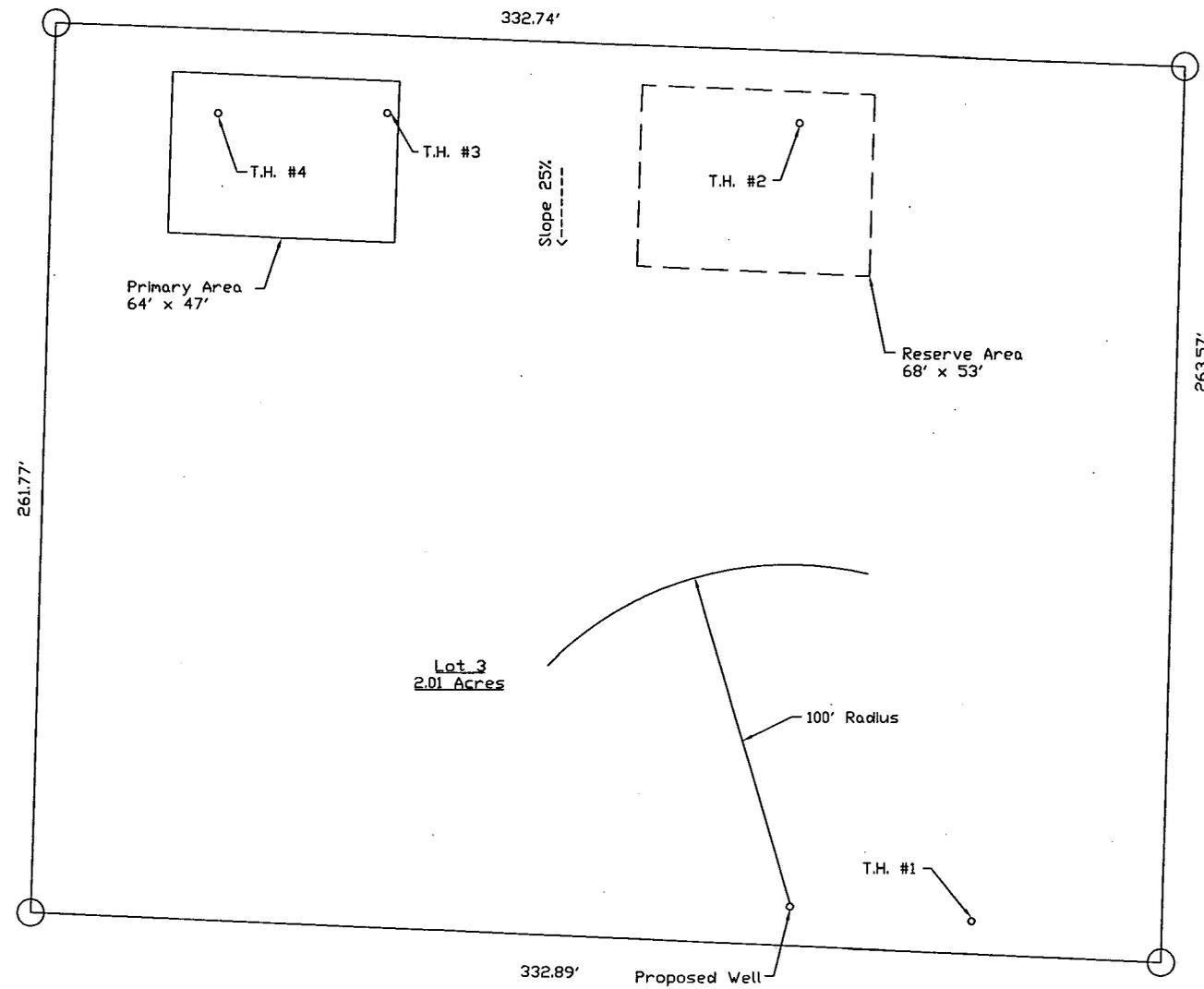
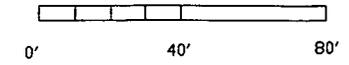
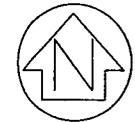
Date: December 1, 2008

**APPROVED**  
JAN 28 2009  
FOR SHORT  
COWLITZ COUNTY PLAT ONLY  
BUILDING & PLANNING



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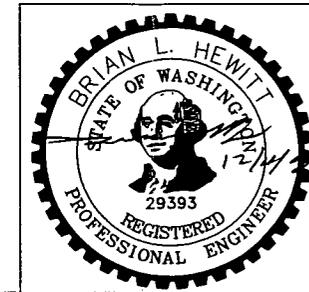


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PLAT PLAN

08121806

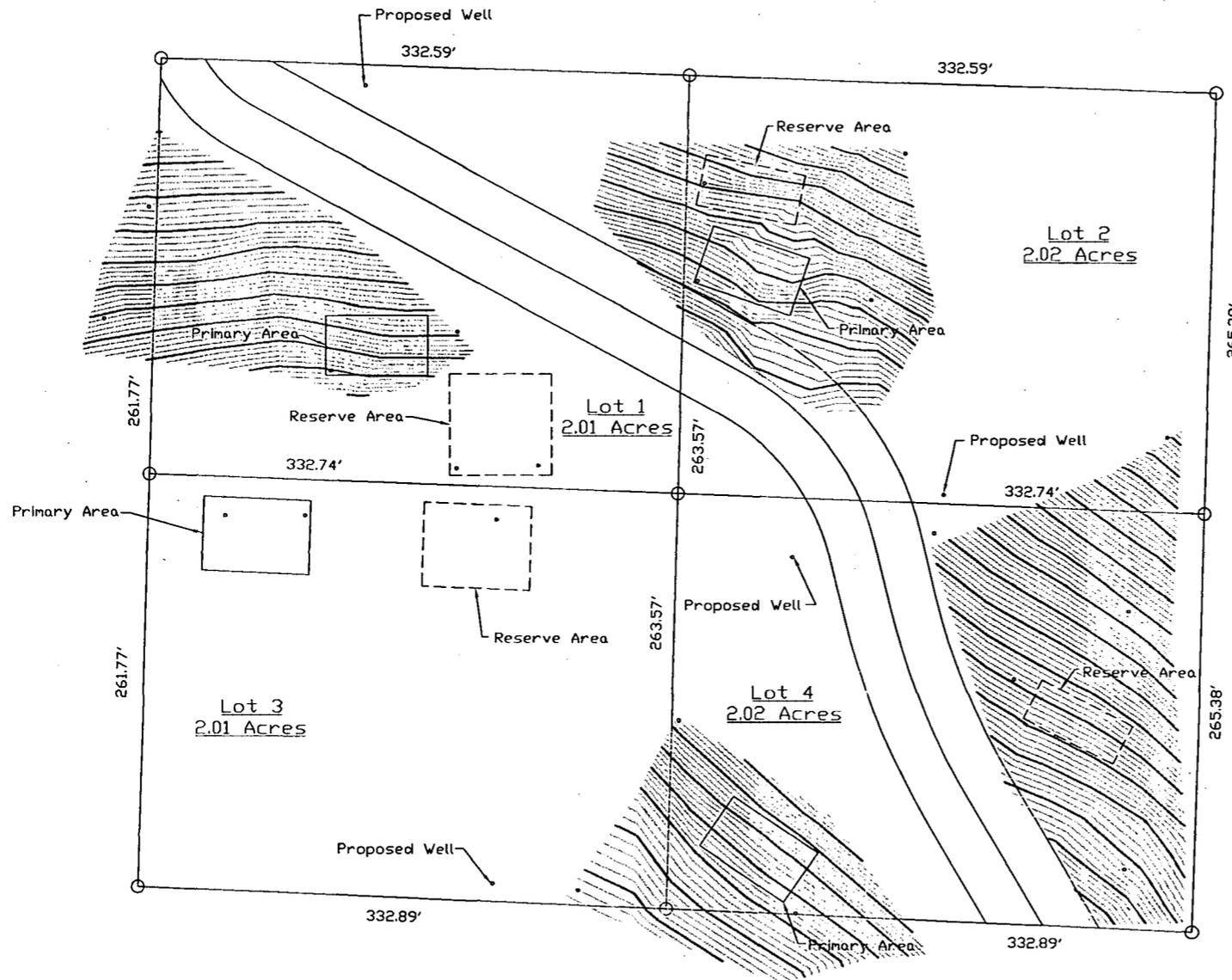
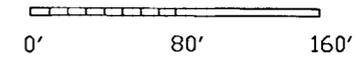
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Steve Peeler (pt. of WD2211017)  
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 Longview, Washington 98632  
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 e-mail: Hewitt.Engineering@comcast.net

Date: 12/01/08 Job #08-177.3

Scale: 1"=40'-0" Sheet M-X



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SITE PLAN



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Scale: 1"=80'-0"	Sheet M-X