

OWNER(S) NAME AND ADDRESS

FITZGERALD, NORMA R

P.O. BOX 1350

BRONCKS, NY 10415

SITUS ADDRESS

MAP NUMBER

3914-00-02300-00

ZONING

EG

TAX CODE AREA

163

ACCOUNT

R19597

X Number

CROSS REF ACCOUNTS

ASSESSED VALUE

50 760

TAXES

498.30

Taxes Owning

Property is Specially Assessed Potential Additional Tax Liability

LAND

ACRES

160.00

CLASS

540

REAL MARKET VALUE

448 200

IMPROVEMENTS

SQUARE FEET

CLASS

REAL MARKET VALUE

GARAGE

YEAR BUILT

ADDITIONAL RESIDENCES



CURRY COUNTY DEPARTMENT OF PUBLIC SERVICES

94235 MOORE STREET
PO Box 746
GOLD BEACH, OREGON 97444

David J. Pratt, AICP
Director

Phone (541) 247-3304
FAX (541) 247-4579

IMPORTANT DOCUMENT – PLEASE READ CAREFULLY

-This is not a construction permit-

December 19, 2005

Owner: Norma Fitzgerald
P.O. Box 1350, Brookings, OR 974415
Applicant: Charles A. Simpson
P.O. Box 6841 Brookings, OR 97444

RE: Site Evaluation Review # 08-240-05

Results – Site Approval With Conditions

Township/Range/Section: 39-14-00 Tax lot: 2300 Lot Size: 160 ac

Your site was evaluated for suitability of on-site sewage disposal systems on the following date(s): 12/06/05 and 12/15/05. Based on this evaluation, the following on-site sewage disposal systems are approved:

Initial system: Sand filter, 175 linear feet drainfield (**SEE CONDITIONS PG 3**)

Repair system: Sand filter, 175 linear feet drainfield (**SEE CONDITIONS PG 3**)

Details of the site evaluation are included in the Site Evaluation Report that is enclosed. The Site Evaluation Report also includes more specific information and further conditions of site approval.

NEXT STEP – APPLYING FOR A CONSTRUCTION/INSTALLATION PERMIT

When you are ready to proceed with system construction, contact this office to get a permit application package. The permit must be issued by DEQ or Curry County Public Services before you can start construction.

REQUEST FOR SITE EVALUATION REPORT REVIEW OR REQUEST FOR VARIANCE

If you believe that an error was made in the evaluation of your property, you may apply for a Site Evaluation Report Review at a cost of \$450. If you would like to apply for a Variance from one or more of the On-Site Sewage Disposal rules, you may apply for a Variance at a cost of \$1340. If you are interested in either of these actions, please contact the undersigned for more details before you proceed.

Best wishes on a successful project. If you have any other questions about this report, please feel free to call me at (541) 247-3304.

Sincerely,

Sara Hunter, R. S.
Curry County Public Services
Environmental Health Specialist

Enclosure

Site Evaluation #08-240-05

December 19, 2005

Page 1

Site Evaluation Report For On-Site Sewage Disposal System Suitability

Site Location: 39-14-00, Tax Lot Number 2300

Owner: Norma Fitzgerald

Applicant: Charles Simpson

Date(s) of Site Evaluation: 12/6/05 and 12/15/05

Curry County Onsite Specialist: Sara Hunter, R. S.

DATE OF REPORT: 12/19/05

GENERAL DESCRIPTION OF SITE EVALUATIONS

Sewage contains disease-causing organisms and other pollutants that can cause adverse impacts to human health and the environment. An on-site sewage disposal system must treat and dispose of sewage in a way that will not cause a public health hazard, contaminate drinking water supplies, or pollute public waters.

Proper treatment in an on-site system begins with primary treatment in the septic tank. The septic tank separates the solid particles in sewage from the liquid. The liquid that comes out of the septic tank is called effluent. The effluent may then be dispersed in the soil for further treatment or discharged into a secondary treatment device such as a sand filter or aerobic treatment unit prior to dispersal in the soil. For proper treatment, the effluent must slowly infiltrate into the underlying soil. Dissolved wastes and bacteria in the effluent are trapped or adsorbed to soil particles or decomposed by microorganisms. This process removes disease-causing organisms, organic matter, and most nutrients. Effluent that comes to the ground surface (through poor soils or other problems with the system) can be a possible health hazard because it may still contain some disease-causing organisms. Soil that drains too quickly may not give the effluent enough treatment and may result in groundwater contamination.

The purpose of the evaluation was to locate suitable soils in an area that is large enough for both the initial drainfield area and the replacement drainfield area. The criteria used for this site evaluation can be found in Oregon Administrative Rules (OAR) 340-071.

Soil test pits and other site features were evaluated during the site visit. In the site inspection, the following features were evaluated:

- Soil types - how well they drain and other evidence of good soil structure for treatment
- Depth to groundwater
- Wells located on the site or adjacent sites.
- Slopes, escarpments, ground surface variations, topography
- Creeks or springs on the site or adjacent properties
- Whether the soils have been disturbed
- Setbacks from property lines, buildings, water lines, and other utilities
- Other site features that could affect the placement of your on-site system.

Approved Systems

Based on the evaluation of the site conditions, the following on-site sewage disposal systems are approved:

Initial System:

System Type: Sand Filter
Minimum Septic Tank Size: 1500 gallon two compartment

Linear feet of drainfield: 175
Distribution Method: Serial Distribution
Trench Depths – Maximum: 24" and Minimum: 24"
Sand Filter Box Depth: Maximum: 24"

Culvert required below drainfield area at roadway ditch to extend 20-ft beyond drainfield and daylight 50-ft from system.

Setback 100 feet from well(s), 25-ft from culvert.
June – October installation only, (Dry Soil Conditions).

Replacement System:

System Type: Sand Filter
Minimum Septic Tank Size: 1500 gallon 2-compartment

Linear feet of drainfield: 175
Distribution Method: Serial Distribution
Trench Depths – Maximum: 24" and Minimum: 24"
Sand Filter Box Depth - Maximum: 24"

With above setbacks.
June-October installation only, (Dry Soil Conditions).

Attached is the Site Evaluation Field Worksheet, which shows the approved areas and other details of the site visit.

SITE LIMITATIONS

Most sites have some limitations that will affect either the location of the on-site sewage system, or the type of system that can be allowed. The following describes the limitations found at this site.

Temporary Ground water is too high

“Site conditions observed - The temporary groundwater level in test pit #1 and #2 was evidenced by redoxymorphic features at 16 inches, and permanent ground water was evidenced in pit 1 at 26 inches.

Rule requirement: Temporary groundwater level cannot come within 24" of ground surface. "Temporary groundwater" refers to a water table that completely dries up during certain times of the year.

Description: Treatment of sewage occurs in the soils around the drainfield area. If groundwater comes in contact with the sewage before it has been adequately treated in the soils, there are two concerns: 1) very little treatment occurs in saturated soils – the presence of air is required for good treatment; and 2) sewage may be "forced" to the surface where it poses a potential public health hazard.

Possible fixes:

Capping fill – this is a type of trench that is more shallow than standard drainfield trenches, and then soil is mounded over the drainfield. There must be at least 6 inches of soil between the bottom of the trench and the highest level for the temporary water table. This is not allowed where soils are very fine textured, for example clays, because the sewage will tend to surface.

Curtain drains, or other ways to divert or lower the groundwater around or under the drainfield. This may not be possible for some sites, for example very flat sites will not benefit from attempts to divert the groundwater.

Sand filter – this provides much better treatment than a septic tank, and could be used for some marginal sites. By providing better treatment before discharge to the drainfield, less soil is needed for treatment. Shallower trenches could be used with the sand filter, or the sand filter could be used where soils have limited permeability.

Not Enough Effective Soil Depth

Site conditions observed: Effective soil depth was observed to be at 30- inches in Pit 3 and at 45-inches in Pit 7.

Rule Requirement: 30-inches + required, minimum of 6-inches from bottom of trench to layer that limits effective soil depth.

Description: "Effective soil depth" is defined as "...the depth of soil material above a layer that impedes movement of water, air, and growth of plant roots. Layers that differ from overlying soil material enough to limit effective soil depth are hardpans, claypans, fragipans, compacted soil, bedrock, saprolite, and clayey soil." Soils provide an important part of the treatment and "sanitizing" process for sewage. However, this treatment by the soils requires air to penetrate. The problems caused by not enough effective soil depth: poor treatment of the sewage, and sewage being forced to the ground surface where it is a public health hazard.

Possible fixes:

Capping fill – this is a type of trench that is more shallow than standard drainfield trenches, and then soil is mounded over the drainfield. There must be at least 18 inches of effective soil depth. This is not allowed where soils are very fine textured, for example clays, because the sewage will tend to surface.

Sand filter – this provides much better treatment than a septic tank, and could be used for some marginal sites. By providing better treatment before discharge to the drainfield, less soil is

needed for treatment. Shallower trenches could be used with the sand filter, or the sand filter could be used where soils have limited permeability.

Additional Conditions of Site Approval

1. This site is approved for the type of disposal system described above. Peak sewage flow into the system is limited to a maximum of 450 gallons per day, with an average sewage flow of not more than 225 gallons per day. This is normally sufficient to serve a single family dwelling with a maximum of four bedrooms. Premature failure of the treatment system may occur if either of these flow quantities are exceeded. If for some reason you expect your domestic household water use may exceed these flows, it may be advisable to increase the size of the treatment system.
2. Any alteration of natural soil conditions (i.e. cutting or filling) in the acceptable area may void this approval.
3. Both the initial and replacement disposal areas are to be protected from traffic, cover, development or other potential disturbance of natural soil conditions.
4. THE AREA MUST NOT BE SUBJECTED TO EXCESSIVE SATURATION DUE TO, BUT NOT LIMITED TO, ARTIFICIAL DRAINAGE OF GROUND SURFACES, ROADS, DRIVEWAYS AND BUILDING DOWN SPOUTS.
5. THIS APPROVAL IS GIVEN ON THE BASIS THAT THE PARCEL DESCRIBED ABOVE WILL NOT BE FURTHER PARTITIONED OR SUBDIVIDED.
6. Placement of a well within 100 feet of the approved areas may invalidate this approval.

THIS SITE APPROVAL IS VALID UNTIL THE SYSTEM APPROVED ABOVE IS CONSTRUCTED IN ACCORDANCE WITH A CURRY COUNTY NEW CONSTRUCTION PERMIT. TECHNICAL RULE CHANGES SHALL NOT INVALIDATE THIS APPROVAL, BUT MAY REQUIRE USE OF A DIFFERENT KIND OF SYSTEM. IF THERE IS A TECHNICAL RULE CHANGE AFFECTING THIS SITE APPROVAL, THE DEPARTMENT WILL ATTEMPT TO NOTIFY IN WRITING THE CURRENT PROPERTY OWNER AS IDENTIFIED BY THE COUNTY ASSESSOR'S RECORDS. THE SITE APPROVAL RUNS WITH THE LAND AND WILL AUTOMATICALLY BENEFIT SUBSEQUENT OWNERS.

Township: 39 Range: 14

Section: 00

Property ID: TL 2300

Owner/Applicant: FITZGERALD

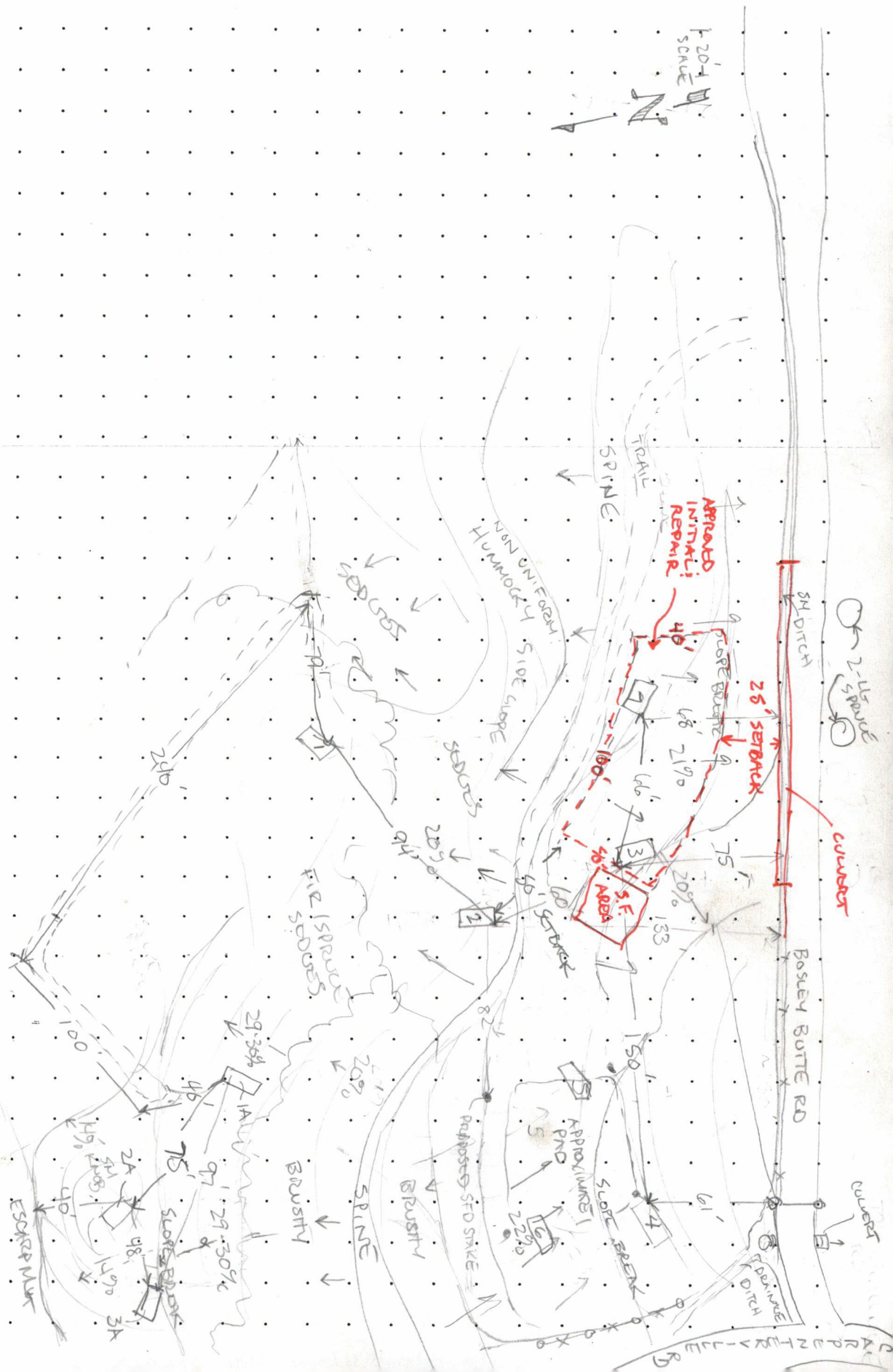
Evaluator: SARA HUNTER

Inspection Date(s): 12/6/05 12/13/05

Application Number: 08-240-05

12/15/05

0-7



PIT'S 3/6 (GUESTS/PERSONS)
@ 12" ESD = 12"

* 1/2" ESD = 1/2"
DIST
BETWEEN PIT'S (MIN
PIT'S (MIN)

SITE EVALUATION FIELD WORKSHEET

Township: 39 Range: 14 Section: 00 Property ID: TL 2300 PART 1
 Owner/Applicant: FITZGERALD Evaluator: SARA HUNTER
 Inspection Date(s): 12/6/05 Application Number: 08-240-05

	DEPTH	TEXTURE	SOIL MATRIX COLOR AND CONDITIONS ASSOCIATED WITH SATURATION, ROOTS, STRUCTURE, EFFECTIVE SOIL DEPTH, ETC...
Pit 1 ESD=26" REDOX=16"	0-16	LOAM	10YR 3/2 / 2MSBK / ABRUPT SMOOTH BOUNDARY / 3v-fc ROOTS 2M TUBE PORES
	16-26	CUM LOAM	10YR 4/2 / MASSIVE / PLASTIC / 2:1 CLAY / 2.5Y 5/3 / 15 ROOTS NO VISIBLE PORES
	26-	CLAY	STANDING WATER 3 DAYS AFTER RAIN
	BELOW 26"	SOIL PIPE	2.5Y 5/1 DEPLETED MATRIX NO PORES/ROOTS PLASTIC 2:1 CLAY
Pit 2 ESD=33" REDOX=16"	0-8"	LOAM	SIMILAR TO PIT 1
	8-16"	CUM LOAM	SIMILAR TO PIT 1
	16-33"	CLAY	1/4-3/8" LL CRACKS IN SIDE WALL
	33-		PIT SWELLED IN WATER IN BOTTOM OF PIT
Pit 3 ESD=28-30" REDOX=28"	0-7"	S.I	10YR 3/2 / POSSIBLE LITTEK / ABRUPT SMOOTH BOUNDARY / 20% ~ 1ft / 2f TUBE PORES / 3v-fc ROOTS
	7-28"	S.CI	10YR 4/2 / MASSIVE / Boulders 2MSBK / ABRUPT SMOOTH BOUNDARY / 2f TUBE PORES
	28-48"	S.C	10YR 4/2 w/DISTINCT GLEY INCLUSIONS 10YR 5/1 50% / MASSIVE CLAY SHEARS / 2:1 CLAY
	48-		BLACK MN DEPOSITS BEGIN @ 28"
Pit 4	0-9	S.I	SIMILAR TO PIT 3 @ 0-7"
	9-28	S.CI	" " " " " 7-28"
	28-		STANDING WATER IN PIT (NO RAIN)

Landscape Notes: SPRUCE, FIR, OAK TREES GRASS & SEDGES PASTURE IN OPEN AREAS
 Slope: 20% Aspect: NORTHERLY Groundwater Type: PIT 1 & 2: REDOX=16" PERM PIT 1 26"
 Other Site Notes: HUMMOCKY SHOULDER SLOPE OFF SPINE ON SOUTH FACING SLOPE

SYSTEM SPECIFICATIONS

Design Flow: 450 gpd
 Initial System: S.F. CONVENTIONAL (INSTALL S.F. BOX NO DEEPER THAN 24" (WILL REQUIRE IN HOUSE PUMP TO D.F. TRENCHES))
 Disposal Facility: 175 linear feet/square feet Maximum Depth: 24 inches Minimum Depth: 24 inches
 Replacement System: S.F. CONVENTIONAL (WILL REQUIRE IN HOUSE PUMP TO D.F. TRENCHES)
 Disposal Facility: 175 linear feet/square feet Maximum Depth: 24 inches Minimum Depth: 24 inches
 Special Conditions: CULVERT REQUIRED BELOW DRAIN FIELD AREA TO 50' TO DAYLIGHT FROM SYSTEM. 100' SETBACK FROM ANY WELL 25' SETBACK FROM WATERBODIES
CULVERT, JUNE-OCTOBER INSTALLATION ONLY DRY SOIL CONDITIONS

SITE EVALUATION FIELD WORKSHEET

Township: 37 Range: 14 Section: 00 Property ID: TL 2300

Owner/Applicant: FITZGERALD Evaluator:

Inspection Date(s): 12/15/05 Application Number:

RAIN

ESD = 56"
TEMP = 30"
Pit 1A
PERM = 56"

DEPTH	TEXTURE	SOIL MATRIX COLOR AND CONDITIONS ASSOCIATED WITH SATURATION, ROOTS, STRUCTURE, EFFECTIVE SOIL DEPTH, ETC...
0-13	LOAM	10YR 2/2/3M SBK / CLEAR WAVY BOUND / 3c pores / 3v-f-c roots
13-30	LOAM	SIMILAR TO ABOVE BUT FEW S.F. MASS 10YR 3/1 3% COBBLES 5% 3v-f-c roots
30-56	S.CI / S.C	10YR 4/1 w/ INCLUSIONS 10YR 5/3 / 2MABK / 2M VF / 2f-m roots
56-60	S.C	SATURATED 10YR 6/1 w/ 10YR 5/6 ^{Fe³⁺} BLACK M.N. ³⁺ DEPOS. 1% 2f-m roots

Pit 2A

0-12-16	LOAM	SIMILAR TO ABOVE + BOULDERS 50%
12-16-30	FRAGMENTED ROCK / BOULDER	10YR 4/2 clay FINS ON TO 30" NO REDOX 3v-f-f roots
30-56	S.CI	10YR 5/3 / 1f SBK / 80% BOULDERS REDUCED MATRIX 1vf roots

TEMP = 27"
Pit 3A
PERM = 36"

0-8	LOAM	SIMILAR TO PIT 1A 0-13
8-27	LOAM	" " " 1A 13-30
27-36	S.CI / S.C	" " " 1A
36-54	S.C	" " " 1A 56-60" SATURATED IN PLACE FLUOR. WEST

TEMP = 45"
ESD = 45"
Pit 4

0-9	clay LOAM	10YR 4/4 / 2M SBK / SMOOTH GRADUAL BOUND / 2M TUBE PORES / 2v-f-m roots
9-23	S.CI	10YR 5/4 - 4/4 / 3M SBK / SMOOTH GRADUAL BOUND / FRAGILE / INDISTINCT VENS / 1vf roots
23-45	S.CI	10YR 5/3 w/ INDISTINCT VENS 10YR 5/1 / FRAGILE / 1vf MASSIVE / VESICULAR PORES / 1vf roots
45-47	S.C	Fe ³⁺ VENS 10YR 4/6 AT BASE w/ DISTINCT CLAY 10YR 5/1

Landscape Notes:

Slope: Aspect: Groundwater Type:

Other Site Notes:

Design Flow: gpd SYSTEM SPECIFICATIONS

Initial System:

Disposal Facility: linear feet/square feet Maximum Depth: inches Minimum Depth: inches

Replacement System:

Disposal Facility: linear feet/square feet Maximum Depth: inches Minimum Depth: inches

Special Conditions:



P.O. Box 6841 • Brookings, OR 97415- Phone (541) 469-5837 • FAX (541) 469-1200

FAX TRANSMITTAL

Date: Nov. 26, 2005
To: Sara Polenski
FAX No. (541) 247-4579
From: Charles A. Simpson
FAX No. 469-1200
SUBJECT: Fitzgerald Site Evaluation
Pages including this cover page: 1
Original to follow by mail? YES ☒ NO

Comments:

Sara,
The test holes are dug -
Please proceed.

Thanks,
Charles

Curry County Department of Public Services
Environmental Sanitation
P.O. Box 746
Gold Beach, OR 97444
(541) 247-3304
(541) 247-4579 (fax)



Application For:

For Office Use Only

Required Fee 529.00
Date Rec'd. 11/22/05
Project No. _____
Control No. 08-240-05

- ☒ Site Evaluation
- ☐ New Construction Permit
- ☐ Repair Permit (major/minor)
- ☐ Alteration Permit (major/minor)

- ☐ Permit Renewal/Transfer/Reinstatement
- ☐ Authorization Notice (file/field)
- ☐ Other (Specify) _____

Site Evaluation

Requirements:

- ☒ Plot Plan
- ☐ Assessors Map
- ☒ Test Holes
- ☐ Permit Clearance Form

- ☐ Construction Details/Materials List
- ☐ Existing System Description Form
- ☐ Additional Items Required _____

For Applicant (PLEASE PRINT)

Norma Fitzgerald

Bosley Butte Rd

Property Owner's Name

Property Address/City

39
Township

14
Range

10014
Section

2300
Tax Lot

160 ACRES
Lot Size

Curry
County

Subdivision Name

Will have drilled well

Lot No.

Water Supply (Public or Private; if Private, specify type)

Proposed Use of Property

- ☒ Single Family Dwelling 3
No. Bedrooms

- ☐ Other _____

Directions (please flag entrance to property and test holes):

SEE attached Vicinity
LOCATION MAP WITH DIRECTIONS

By my signature, I certify that the information I have furnished is correct, and hereby grant the Department of Environmental Quality and it's authorized agent permission to enter onto the above described property for the purpose of this application.

Norma Fitzgerald 11-12-05
Signature (authorization letter is Required for anyone other than the owner or a licensed installer) Date

- ☒ Owner
- ☐ Authorized Representative
- ☐ S.D.S. License No. _____

11/22/05 NO TEST PITS!

Owner's Mailing Address

Norma Fitzgerald
P.O. Box 1350 Brookings, OR
Phone 469-7761

Applicant's Mailing Address

Charles A. Simpson
P.O. Box 6841 Brookings, OR
Phone 469-5837 or 661-1822



CHARLES A. SIMPSON
Broker / Owner

P.O. Box 6841 • Brookings, Oregon 97415

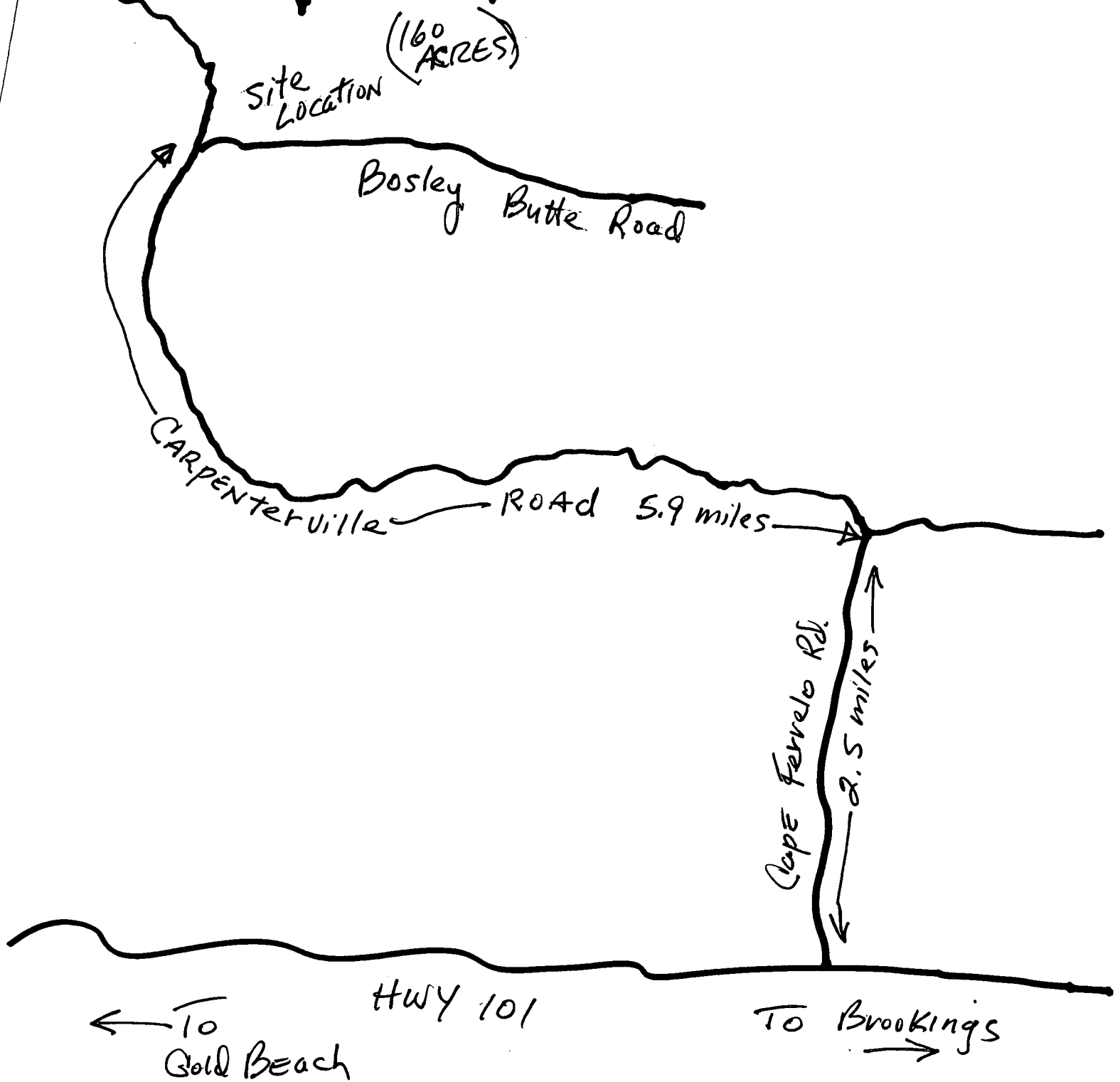
Phone: (541) 469-5837 • Fax (541) 469-1200

Email: sealcove@harborside.com



MLS

Vicinity Location MAP



From Gold Beach; Take Hwy 101 south To Cape Ferrero Road.
Follow Cape Ferrero Rd. To Carpentryville Road 2.5 miles.
Turn LEFT on Carpentryville Road, Follow for 5.9 miles
To Bosley Butte Road. Property borders both Bosky
Butte Road and Carpentryville Road.

This PAGE Must BE Completed!

LOCATOR/VICINITY MAP. . . . The purpose of this map is to enable field staff to locate property as easily as possible and, once on the property, to locate the inspection area quickly. Please start your drawing of the VICINITY map from a familiar beginning, giving as many landmarks as possible; indicate road and crossroad names and mileage. On the LOCATOR portion of the map show existing or proposed buildings, sewage disposal area or test pits in desired area for the system, and water (including lakes, streams, rivers, existing or proposed wells on your property or neighboring properties.) Distances are important; staking and/or flagging the inspection area is very helpful.

1. LOCATOR MAP (Details existing or proposed development ON the property.

*SEE
attached*

PROPERTY OWNER TOWNSHIP RANGE SECTION TAX LOT/TAX ACCT NOS.

2. VICINITY MAP (Details directions on how to get TO the property.

*SEE
attached*

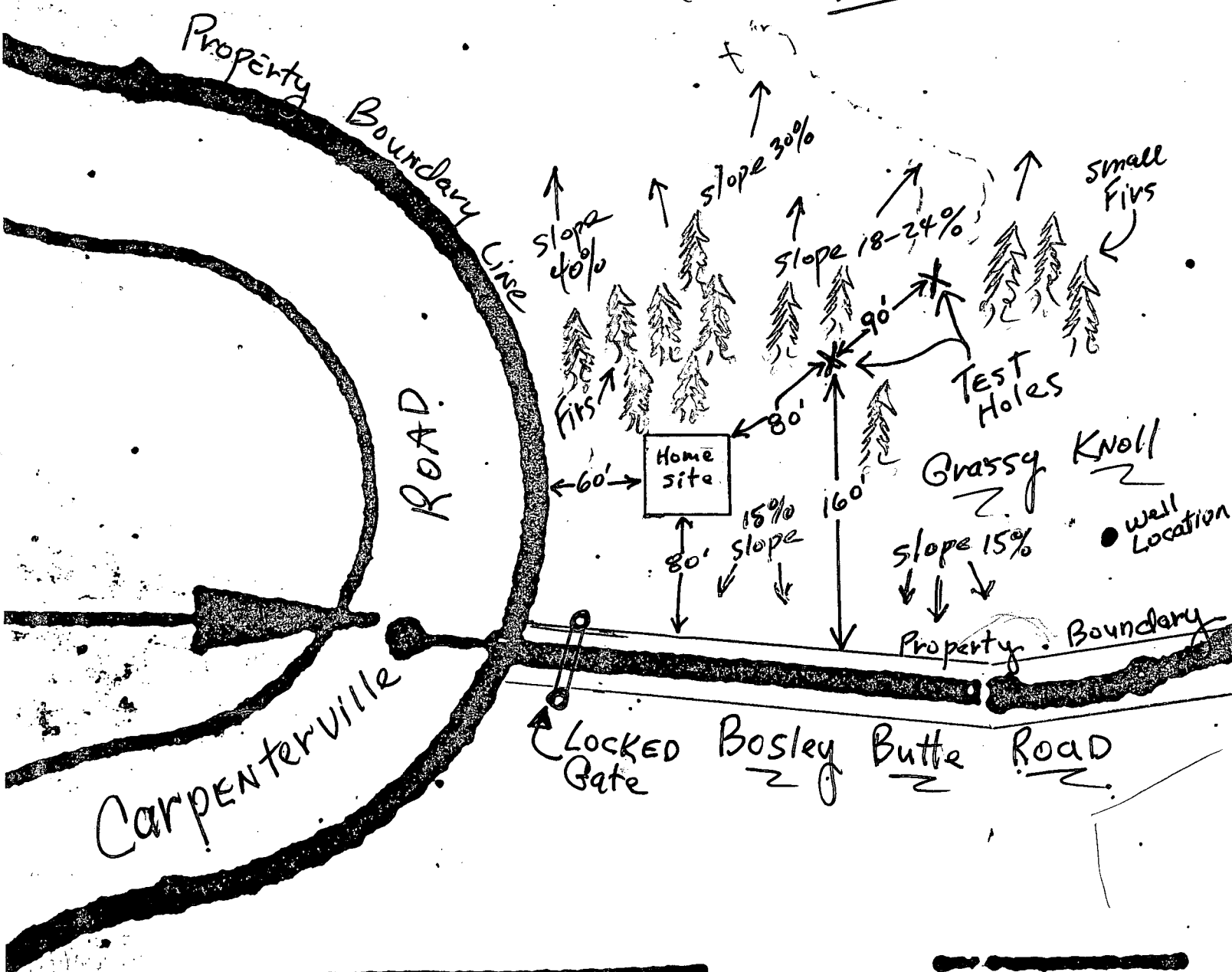
Plot PLAN

SCALE: 1" = 100'



160 ACRES

C8



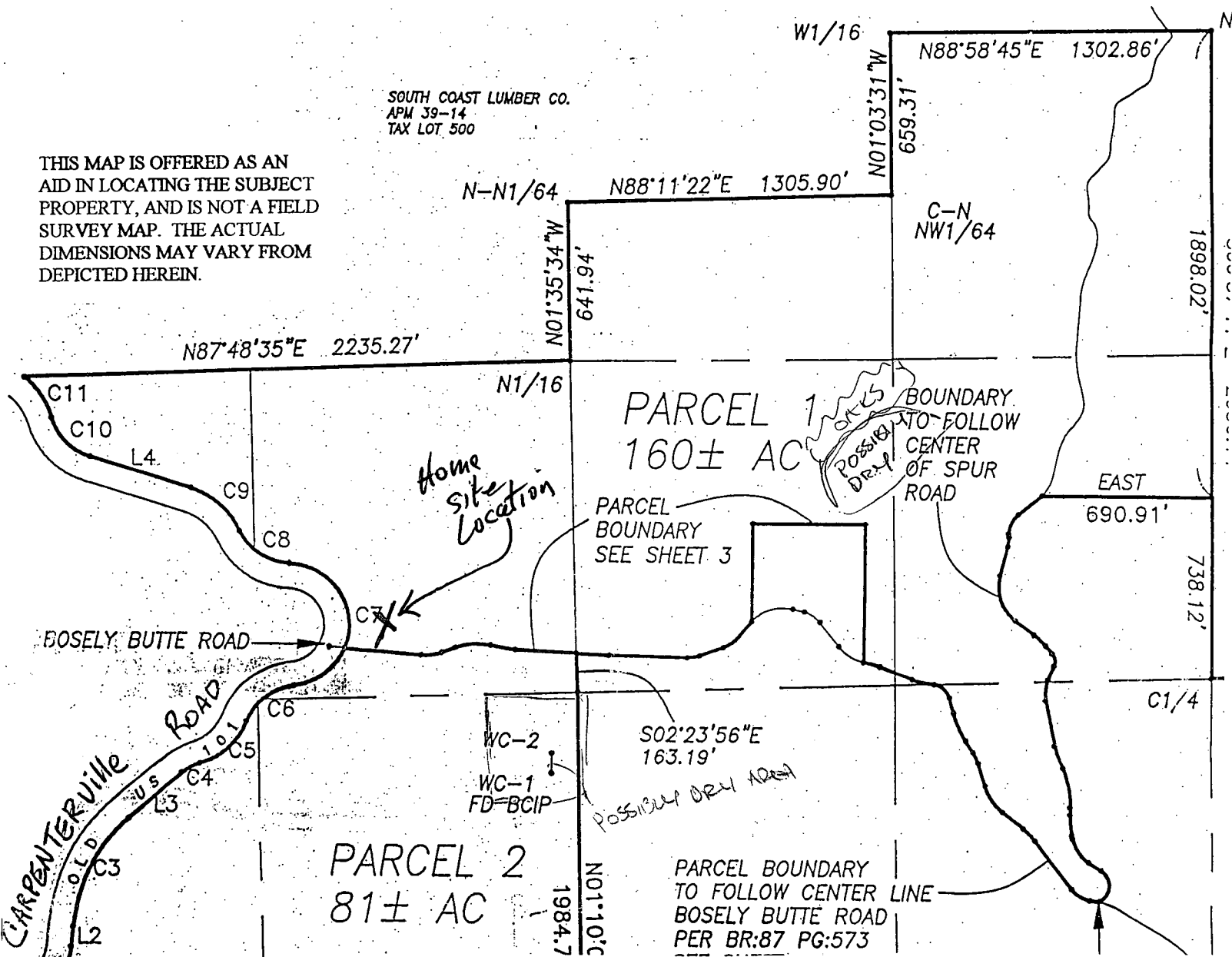
C6

owner: Norma Fitzgerald
39-14, Tax Lot 2300
160 ACRES

Property Survey Plat

SOUTH COAST LUMBER CO.
APM 39-14
TAX LOT 500

THIS MAP IS OFFERED AS AN
AID IN LOCATING THE SUBJECT
PROPERTY, AND IS NOT A FIELD
SURVEY MAP. THE ACTUAL
DIMENSIONS MAY VARY FROM
DEPICTED HEREIN.



CURRY COUNTY DEPARTMENT OF PUBLIC SERVICES
94235 MOORE STREET
PO BOX 746
GOLD BEACH, OREGON 97444
MACKARCH ON THE CURRY COAST

Charles E. Nordstrom
Director

Phone (541) 247-7011
FAX (541) 247-4579

LETTER OF AUTHORIZATION

Let it be known that Charles A. Simpson
Has been retained to act as agent to perform all acts for development on my property identified below. These acts include: Pre-application conference, filing applications and/or other required documents relative to all zoning applications, septic system feasibility, sewage disposal permits, well permits, assigning an address, mobile home permits and building permits.

39-14, Tax Lot 2300, Bosley Butte Road
Address or Road

And described in the records of Curry County as:

Township 39 Range 14 Section 13+14 Tax Lot/Tax Acct. 2300

Township _____ Range _____ Section _____ Tax Lot/Tax Acct. _____

The costs of the above actions, which are not satisfied by the agent, are the responsibility of the undersigned property owner.

APPLICANT:

Signature: _____

Date: _____

Printed Name: _____

Address: _____

Phone: _____

City, State, Zip: _____

Fax: _____

PROPERTY OWNER:

Signature: Norma Fitzgerald

Date: 11-10-05

Printed Name: NORMA FITZGERALD

Address: PO Box 1350

Phone: 541-469-7761

City, State, Zip: Brookings OR 97415

Fax: 541-469-5138

AGENT:

Signature: Charles A. Simpson

Date: Nov. 10, 2005

Printed Name: Charles A. Simpson

Address: P.O. Box 6841

Phone: 469-5837 or 661-1872

City, State, Zip: Brookings, OR 97415

Fax: 469-1200