

42512

Control No.

STATE OF OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY

PERMIT NO. 95-44

\$ 895.00

Fee

[X] New Construction

[] Repair

[] Other

Permit Issued To Joan Sterrett (Property Owner's Name) 7N (Township) 10W (Range) 33DB (Section) 4500 (Tax Lot / Acct. No.) Clatsop (County)

Fairway Ave. (Road Location) Gearhart (City) Dewey Donald (Issued by - Signature) 4-21-95 (Date Issued)

PERMITS ARE NOT TRANSFERABLE

ALL WORK TO CONFORM TO OREGON ADMINISTRATIVE RULES, CHAPTER 340. WORK SHALL BE DONE BY PROPERTY OWNER OR BY LICENSED SEWAGE DISPOSAL SERVICE. (MAKE NO CHANGES IN LOCATION OR SPECIFICATIONS WITHOUT WRITTEN APPROVAL)

SPECIFICATIONS

EXPIRATION DATE April 21, 1996

TYPE OF SYSTEM Alt. Pressurized disposal trenches

Design Sewage Flow 450 Gallons/Day

Dosing septic

Tank Volume 1,100 Gallons

Disposal Trenches [X]

Seepage Bed(s) [] Square Feet

Maximum Depth 20 inches.

Minimum Depth 12 inches.

150 Linear Feet

Equal [X] Loop [] Serial []

Pressurized [] Minimum Distance Between Trenches 10' on centers.

Total Rock Depth 12 inches.

Below Pipe 6 inches.

Above Pipe 4 inches. [] Rake Sidewall

Special Conditions (Follow Attached Plot Plan) Install in accordance with plans & specifications submitted. 10' setback to property lines. Cap any portion of trench less than 18" deep. Plant native beach grass after backfilling.

PRE-COVER INSPECTION REQUIRED - CONTACT North Coast Branch Office -- 861-3280.

CERTIFICATE OF SATISFACTORY COMPLETION

As-Built Drawing with Reference Locations

Installer Ron Johnson

See as-built plot plan in file.

Final Insp. Date 7-19-95

[X] Inspected By Dewey Donald

[] Issued by Operation of Law

[] Pre-cover inspection waived pursuant to OAR 340, Division 71

In accordance with Oregon Revised Statute 454.665, this Certificate is issued as evidence of satisfactory completion of an on-site sewage disposal system at the location identified above.

Issuance of this Certificate does not constitute a warranty or guarantee that this on-site disposal system will function indefinitely without failure.

Dewey Donald (Authorized Signature)

ES/RS (Title)

7-20-95 (Date)

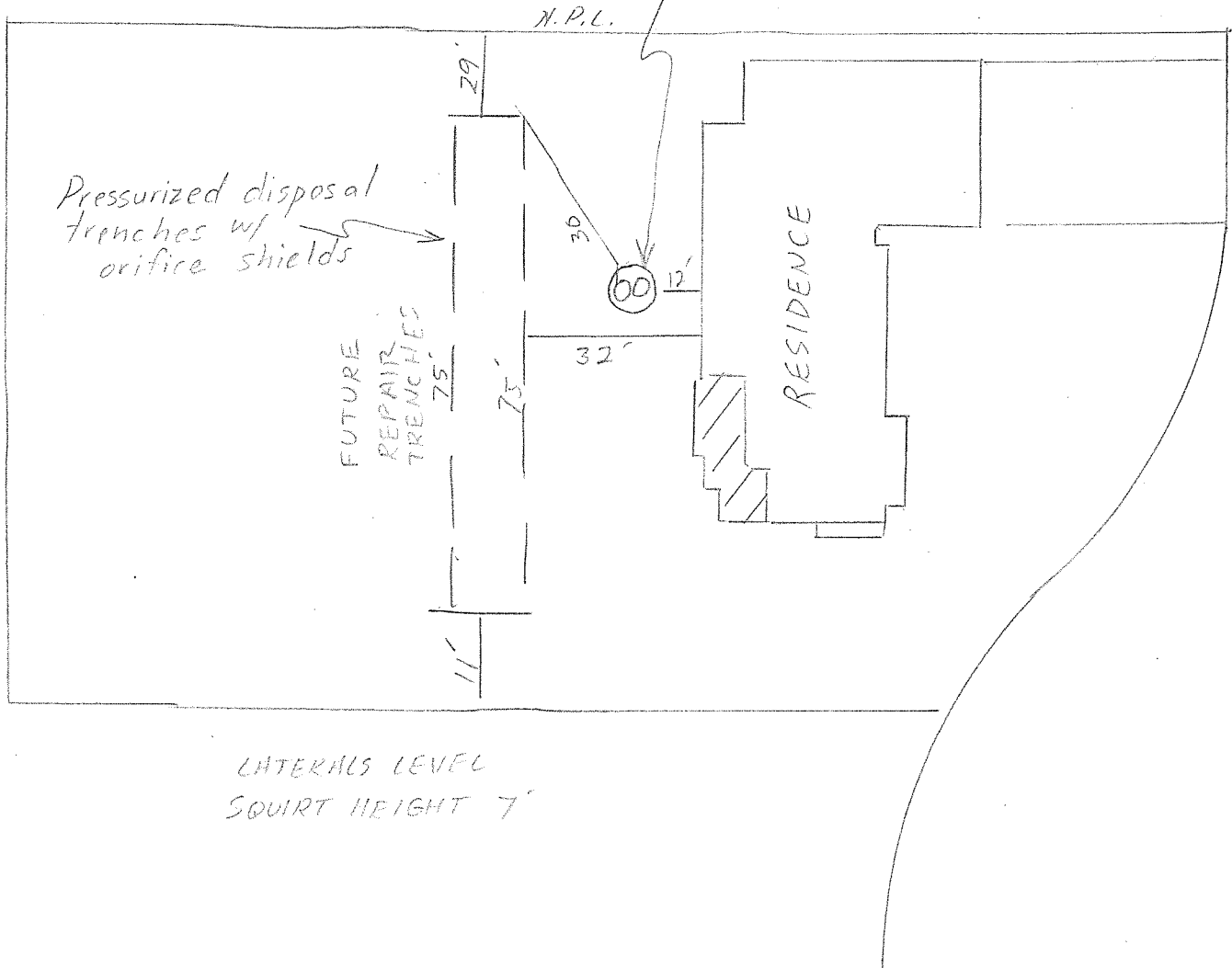
NCBO (Office)



Joan Sterrett
710-33DB-4500
95-44

Dewey Darold
7-19-95
As-built / Pre-cover Ins;
(NTS)

"Michaels"
1,100 dosing
septic tank
w/ anti-siphon
valve + BOSS
300 1/2 HR.



LATERALS LEVEL
SQUIRT HEIGHT 7'



BUILDING CODES DIVISION
 17 N HWY 101
 WARRENTON OR 97146
 (503) 861-3159
 FAX# (503) 861-3259

BUILDING PERMIT APPLICATION

RESIDENTIAL

Job LOCATION/ADDRESS: Fairway Ave (The Highlands At Gearhart)

CITY: Clatsop COUNTY

SECTION TO JOB SITE: HWY 101-Highlands-Fairway Ave-North End-Lot 23

OWNER: Mr & Mrs Jack Sterrett

ADDRESS: PO Box 2723

CITY: Gearhart, COUNTY: Clatsop ZIP CODE: 97138 HOME: 738-3978 WORK: 710-3308-4500

DESCRIBE WORK CODE

NEW CONSTRUCTION

ADDITION

REMODEL

MOBILE HOME

PRE FAB

ACCESS. BLDG.

OTHER _____ specify _____

TOTAL SQUARE FT. 2740 CONSTRUCTION VALUE \$181,960.00

PERMIT / JOB # _____

OFFICE _____

ZONING LOCAL GOVERNMENT APPROVALS

BASE ZONE _____

FLOOD ZONE YES NO

TWNSHP _____ RG _____ TL _____

PERMIT # _____

BY: _____ TITLE _____

PHONE _____ DATE _____

SANITATION 710-3308-4500

PUBLIC _____ PRIVATE

DEQ PERMIT # 95-44

BY: David J... OFF. COORDINATOR

PHONE 861-3280 TITLE _____

DATE 4-21-95

DESIGNATED CONTRACTORS				
GENERAL CONTRACTOR	ADDRESS	PHONE	REG #	EXP
Jack Sterrett	PO Box 2723 Gearhart, Or 97138	738-3978	80871	1018/95
ELECTRICAL	ADDRESS	PHONE	REG #	EXP
Wadsworth Electric	1715 Exchange Astoria	325-5501		
PLUMBING	ADDRESS	PHONE	REG #	EXP
M&F Plumbing	2041 N Roosevelt Dr Seaside	738-8966		
MOBILE HOME	ADDRESS	PHONE	REG #	EXP

I HEREBY CERTIFY THAT, TO MY KNOWLEDGE, THE ABOVE INFORMATION IS TRUE AND CORRECT. ALL WORK TO BE PERFORMED SHALL BE IN ACCORDANCE WITH ALL GOVERNING LAWS AND RULES. I FURTHER CERTIFY THAT I AM IN FULL COMPLIANCE WITH BUILDERS BOARD REQUIREMENTS (ORS 701.055) IN THAT:

I AM THE PROPERTY OWNER DOING MY OWN WORK AND AM EXEMPT.

ONLY REGISTERED CONTRACTORS/EMPLOYEES WILL BE USED ON THIS JOB.

I AM REGISTERED WITH THE BUILDERS BOARD REG # 80871 EXP 10/18/95

SIGNATURE OF PERMIT APPLICANT: [Signature] DATE: _____

BCA 103 7/88

Plot Plan for
Jack Stewart
by
Ron Johnson

DEPT. OF ENVIRONMENTAL QUALITY
RECORDS
APR 11 1995
NORTH COAST BRANCH OFFICE
WARRENTON

lot 23
The Highlands

1 square = 5'

Dewey Darold, R.S.
APPROVED 4-21-95

Repair Area

Keep trenches as shallow as possible

S

N

155'

158'

15'

75'

75'

10'

West Building Line

1100 gal
michels
septic dose

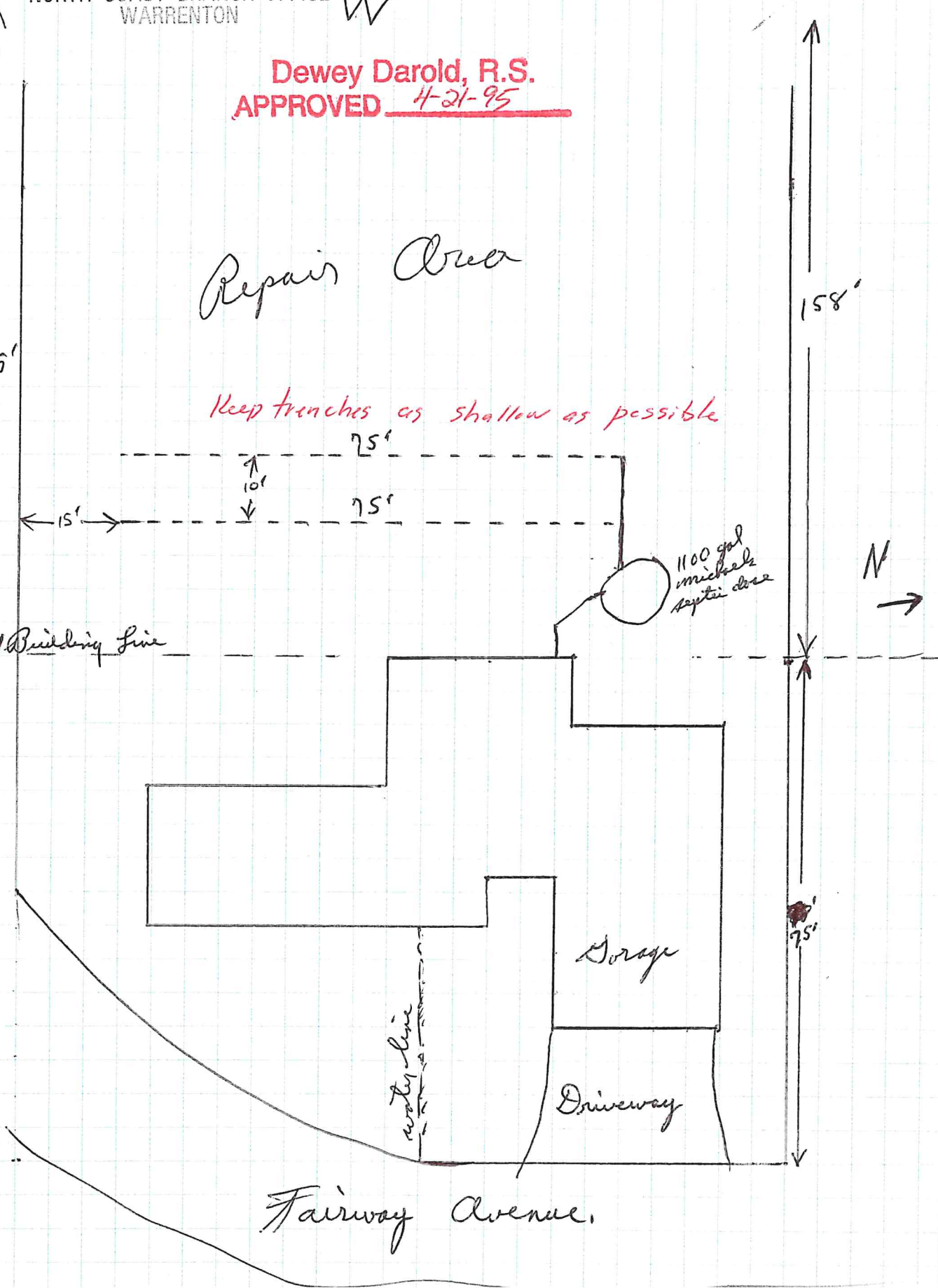
Garage

Driveway

water line

75'

Fairway Avenue



SYSTEM HEAD CALCULATIONS

1. **STATIC HEAD:** (vertical elevation difference from the pump base to the pressure distribution laterals) 4 feet

2. **SYSTEM ALLOWANCE:** (includes distribution piping losses and a five foot residual head discharge at the distribution laterals) 10* feet

3. **FRICTION HEAD:** (transport pipe friction loss at flow rate)

(a) Calculate Flow rate:

Diameter of orifices..... 1/8 inch

Number of orifices = N = 72

Orifice discharge rate = R = 0.41 gpm

Total gallons per minute = N X R = 29.5 gpm

(b) Calculate Friction Head Loss:

Length of transport pipe = P (in feet) = ^{20'} 20

Friction loss coefficient = L (see reverse side) 0.14

Friction Head = P X L = 0.23 feet

4. **TOTAL DYNAMIC HEAD (TDH):** (sum of static head, system allowance and friction head) 14.23 feet

5. **HYDRAULIC SPECIFICATIONS:**

PUMP DUTY: 29.5 gpm @ 14.23 TDH

BRAND: Grundfos

MODEL: Boss 300 HORSEPOWER: 1/4

CAPACITY: 14.23 TDH @ 50. GPM, and

29.5 GPM @ 18.5 TDH

Footnote: * in absence of specific head loss calculations, use 10 feet for this factor.

Dewey Darold, R.S.
APPROVED 4-21-95
Dewey Darold

Howard E. Johnson & Sons Construction

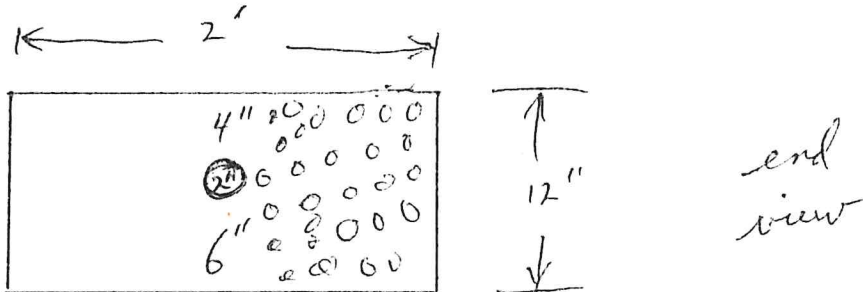
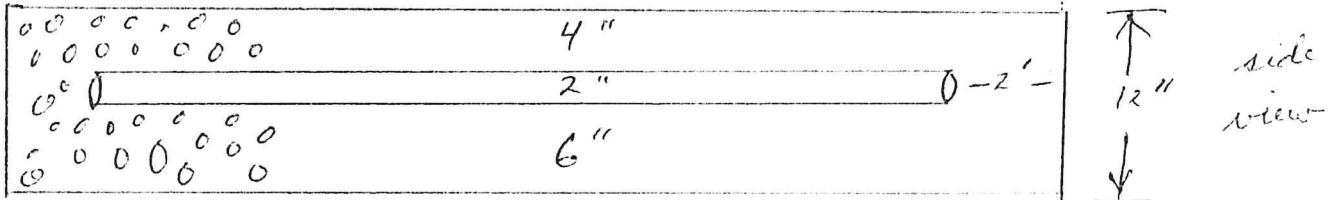
CRUSHED ROCK & SCOOP WORK

Hamlet Rt., Box 271

Telephone 738-7328

SEASIDE, OREGON 97138

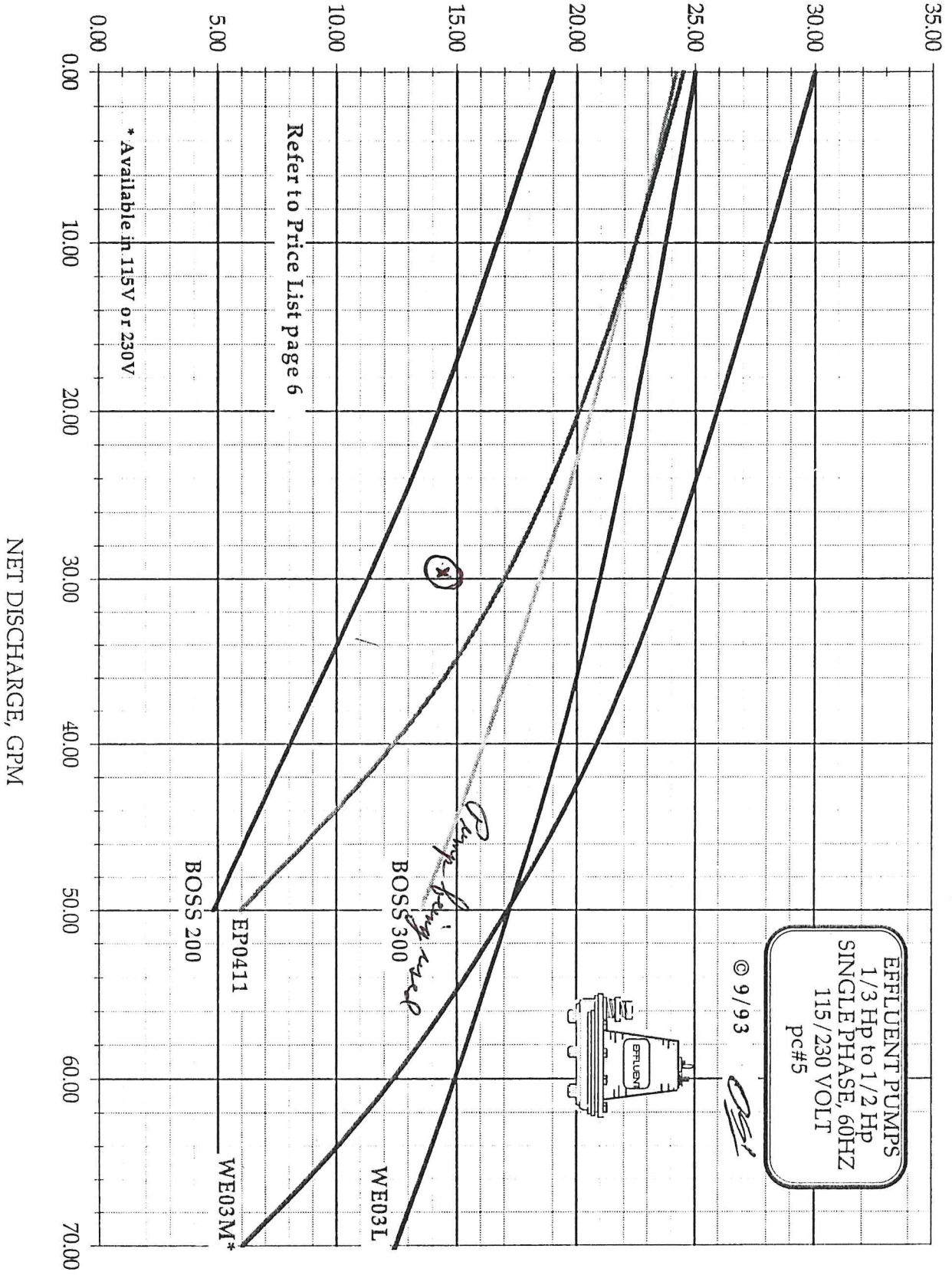
pressurized trench



- $1\frac{1}{2}$ " — $2\frac{1}{2}$ " crushed rock
- 2" pipe 160 class PVC 1120 ASTM-D 2241 drilled with $\frac{1}{8}$ " holes straight up — 2' on centers
- trench covered and sidewalls lined with Typpar 3201 filter fabric
- 1000 gal michaels concrete Septic - Dose tank

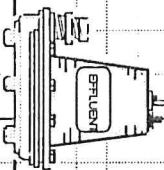
Dewey Darold, R.S.
APPROVED 4-21-95
Dewey Darold

TOTAL DYNAMIC HEAD (TDH), FEET



EFFLUENT PUMPS
 1/3 Hp to 1/2 Hp
 SINGLE PHASE, 60HZ
 115/230 VOLT
 pc#5

© 9/93



ORENCO SYSTEMS, INC.

2826 COLONIAL ROAD ROSEBURG, OR 97470 Ph (503) 673-0165 FAX (503) 673-1126

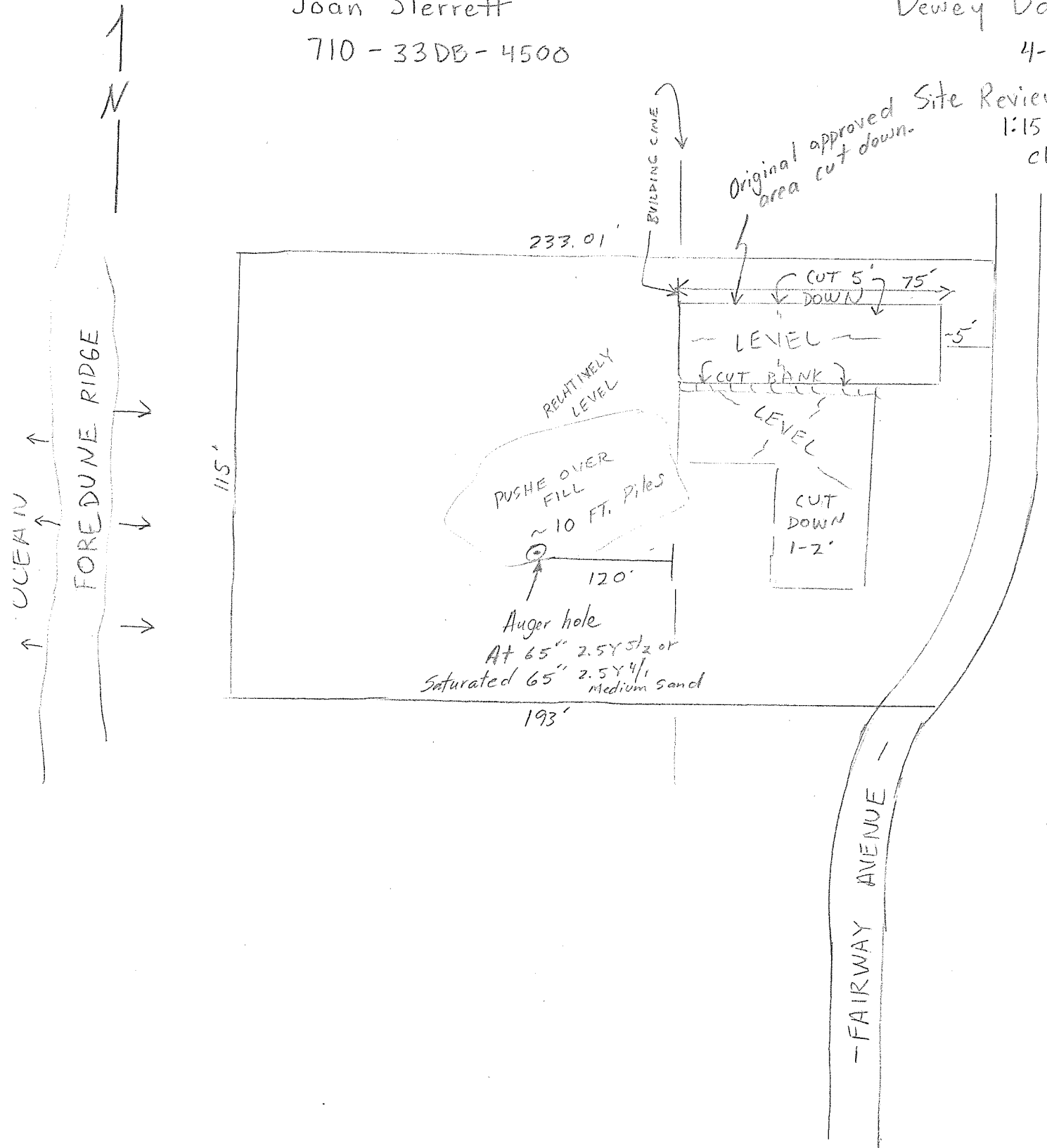
NET DISCHARGE, GPM

Dewey Darold, R.S.
 APPROVED 4-21-95
 Dewey Darold

Joan Sterrett
710 - 33DB - 4500

Dewey Darold
4-19-95

Original approved Site Review
1:15 P.M.
cloudy



STATE OF OREGON
 DEPARTMENT OF ENVIRONMENTAL QUALITY
 NORTH COAST OFFICE
 17 N. Highway 101
 Warrenton, OR 97146
 (503) 861-3280

OFFICE USE ONLY
 Date Rec'd 4-11-95
 Date Completed 4-21-95
 Required Fee \$ 895.00
 Receipt No. 65497
 Control No. 45212

3

FOR APPLICANT'S USE - (PLEASE PRINT)

Joan W Sterrett (Property Owner's Name) 25,719' Lot Size (Acreage or Dimensions)
Jack Sterrett (Applicant's Name if Different from Owner)
 Legal Description of Property ON 10W 33DR 33 DE 4500 Clatsop
 (Township) (Range) (Section) (Tax Lot/Acct. No.) (County)
 For Parcels in Platted Subdivisions, Indicate The Highlands At Gearhart 23
 (Subdivision Name) (Lot Number) (Block Number)

Proposed Facility

Water Supply

Single Family Residence 3
 (Number of Bedrooms)
 Other _____
 (Specify)

Public (Community System)
 Private _____
 (Indicate: Well, Spring, Etc.)

Existing Facility

Single Family Residence _____
 (Number of Bedrooms)
 Other _____
 (Specify)

APPLICATION FOR:

Site Evaluation Report
 Permit to Construct On-Site Sewage Disposal System
 Permit to Repair On-Site Sewage Disposal System
 Permit for Alteration of On-Site Sewage Disposal System
 Permit Renewal
 Existing System Report
 Plan Review
 Other (Specify) _____

Authorization Notice
 Purpose of Authorization Notice
 Connect to an existing system not currently in use
 Replace one mobile home with another or a house
 Replace or rebuild a house
 Addition of one or more bedroom
 Personal hardship
 Temporary housing
 Other (Specify) _____

This application will be returned if it is not filled out completely and accompanied by the appropriate fee and attachments required in the guidance packet. Your site must be prepared according to instructions in the guidance packet before action can be taken on this application.

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

[Signature]
 (Signature)

4-11-95
 (Date)

Authorized Representative
 Licensed Installer
 License No. _____

Owner's Mailing Address

PO Box 2723

Gearhart, Or 97138

Phone 738-3978

Applicant's Mailing Address (if different)

Phone _____

IW\WC8\WC8690 (7-19-91)

NEW SEPTIC CONSTRUCTION

LAND USE COMPATIBILITY STATEMENT
FOR ON-SITE SEWAGE DISPOSAL SYSTEMS

APPLICANT'S NAME JACK STEKRETT	MAILING ADDRESS PO BOX 2723 BEARHART, OR 97131	PHONE 737-3978
	CITY STATE ZIP	

P R O C E E D I N G	TOWNSHIP 7N	RANGE 10W	SECTION 33DB	TAX LOT OR ACCT NO 4500
	SUBDIVISION/PROJECT BEARHART HIGHLANDS	LOT 23	BLOCK	COUNTY CLATSOP
<input type="checkbox"/> PROPERTY IS A LOT OF RECORD CREATED BEFORE AUGUST 1, 1981.				

PROPOSED LAND USE

SINGLE FAM RESIDENCE 3 BEDROOMS

STATEMENT OF COMPATIBILITY FROM APPROPRIATE LAND USE AUTHORITY
(An equivalent statement may be provided in lieu of this form)

PROPERTY'S ZONING DESIGNATION
R-1 (Low Density Residential)

THE ABOVE PROPOSAL HAS BEEN REVIEWED AND FOUND TO BE:

COMPATIBLE WITH THE LCDC ACKNOWLEDGED COMPREHENSIVE PLAN

NOT COMPATIBLE WITH THE LCDC ACKNOWLEDGED COMPREHENSIVE PLAN

OR

CONSISTENT WITH THE STATEWIDE PLANNING GOALS

NOT CONSISTENT WITH THE STATEWIDE PLANNING GOALS

REASON FOR FINDING OF COMPATIBILITY / INCOMPATIBILITY
allowed use in zone

PROPERTY IS LOCATED: (check one)

INSIDE CITY

INSIDE URBAN GROWTH BOUNDARY
OUTSIDE CITY LIMITS

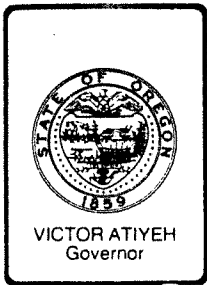
OUTSIDE URBAN GROWTH BOUNDARY

LAND USE AUTHORITY
CLATSOP COUNTY DEPT. OF PLANNING & DEVELOPMENT

SIGNED Yeu Allen	TITLE Planning Tech.	DATE 4-11-95
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CITY/COUNTY CONCURRENCE IF INSIDE URBAN GROWTH BOUNDARY

SIGNED Dennis M. Nally	TITLE CITY ADMINISTRATOR	DATE 4-11-95
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Department of Environmental Quality

522 S.W. FIFTH AVENUE, BOX 1760, PORTLAND, OREGON 97207 PHONE: (503) 229-5696

December 19, 1986

Mr. George Marshall
The Highlands At Gearhart
P.O. Box 2315
Gearhart, OR 97138

Re: The Highlands At Gearhart
OSS-Clatsop County
Site Evaluations Approved
T6N, R10W, Sec. 3
T7N, R10W, Sec. 33 and 34

In response to your completed application, on December 16 and 17 field inspections were made of lots 1 - 79 and 81 - 93 at the proposed The Highlands At Gearhart development. Lot 80 was inspected on September 19. Topographic and physical features of the lots were checked. Soil information was collected by examining soil pits. The field worksheets are enclosed for your reference.

Based on the field work, the lots comply with the rules of the Oregon Environmental Quality Commission. At least one specific area on each lot meets Oregon Administrative Rules Chapter 340, Division 71, governing on-site sewage disposal. The enclosed favorable report of evaluation for the lots shows approval of low pressure distribution sewage disposal systems.

The approved evaluation report is not a permit to construct the systems. However, it is a valuable document, similar to the title to an automobile. The approvals run with the land and are transferable. A permit will be issued to the owner of each lot upon receipt of a complete application and fee; it will be good for one year and is renewable. Conditions on the approved sites or adjacent land must not be altered in manner that would prohibit permit issuance. For example, major cuts or fills of the existing soil surface or improper lot partitioning can result in the invalidation of the approval for a particular lot. The Department intends to honor these approvals unless something occurs that would adversely affect the approved sites. Technical rule changes will not invalidate the approvals; however, a different type system may be required.

The Department will allow some minor surface leveling of the approved areas on the lots. However, before any excavation work is performed, each lot owner should apply for an On-Site Sewage Disposal Construction Permit and confirm with an agent of the Department where the system will be located and how much leveling is allowed. This will prevent undesirable consequences for the Department and the lot owners. Additionally, I would like to stress that it is important for the lot owners to contact the

George Marshall
December 19, 1986
Page 2

Department early in the planning stage of home construction due to the rather small size (approximately 10,000 square feet) of some of the lots. It may be difficult to build large houses on these lots while also accommodating an initial on-site sewage disposal system, a replacement area for an identical system, and the required offsets to building foundations, property lines, utilities, etc. Please convey this information to lot purchasers.

Finally, portions of the most westerly lots are located in an area of active dunes. Care should be taken to insure that a good vegetative cover is maintained in these areas to prevent undesirable movement of windblown sand. The Department can provide recommendations for cover crops upon request.

If you have any questions regarding this letter or the approval call me at 229-6053.

Sincerely,

John Odisio
Environmental Analyst
Northwest Region

JO:r
RR1853
Enclosures
cc: Clatsop County Planning Department
On-Site Sewage Section, DEQ

SITE EVALUATION FIELD WORKSHEET

Tax Reference The Highlands At rhart Lot 23 Evaluator John Odisio
 Applicant George Marshall Date 12-17-86 Parcel Size 25,719 ϕ

Soil Matrix Color and Mottling (Notation), % Coarse Fragments, Roots, Structure, Layer Limiting Effective Soil Depth, etc.

	Depth	Texture	
Pit 1	0-60"	SAND	10YR 6/3
Pit 2			
Pit 3			
Pit 4			

Landscape Notes Coastal dunes
 Slope _____ Aspect _____ Groundwater Type N.A.
 Other Site Notes _____

SYSTEM SPECIFICATIONS

Type System: Alternative Design Flow 450 gpd Disposal Field Size 600 square feet
 Initial low pressure bed System Sizing 200 ϕ /150 g. Max. Depth Absorption Facility (in) 36
 Replacement low pressure bed System Sizing 200 ϕ /150 g. Max. Depth Absorption Facility (in) 36

Special Conditions Some minor grading (leveling) may be necessary to accomodate seepage bed. Vegetative cover should be established as soon as possible after bed is completed.

Tax Reference The Highlands A Gearhart LOT 23 Evalue John Odisio

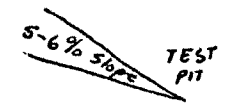
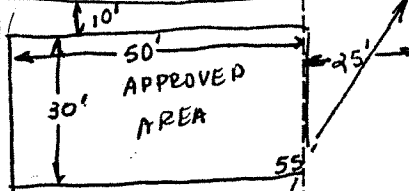
Applicant George Marshall Date: 12-17-86



ACTIVE
INACTIVE
DUNE LINE

LOT 24

75'



ROAD

68'

38'

LOT 22

STATE OF OREGON
DEPARTMENT OF ENVIRONMENTAL QUALITY

EVALUATION REPORT FOR METHODS
OF ON-SITE SEWAGE DISPOSAL
FOR A SUBDIVISION

(Technical Report — Not a Permit)

SUBDIVISION NAME: The Highlands At Gearhart

DESCRIPTION OF PARCEL:	<u>3</u> Section	<u>6N</u> Township	<u>10W</u> Range	<u>Clatsop</u> County
	<u>33, 34</u> Section	<u>7N</u> Township	<u>10W</u> Range	

(Lot by lot summary)

Lots 1-79 and 81-93 are approved for low pressure distribution systems.

This report is valid for each approved lot until an on-site sewage system is installed on that lot, pursuant to a construction permit issued by the Department of Environmental Quality, or until earlier cancellation, pursuant to Commission rules, with written notice thereof by the Department of Environmental Quality to the owners according to Department records or the county tax records. Subject to the foregoing, this report runs with the land and will automatically benefit subsequent owners. Any alteration of the natural conditions in the areas approved for on-site systems or replacement areas may void the approval. Further, each approval is given on the basis that each lot described above will not be further partitioned or subdivided, and that conditions on each lot or adjacent properties have not been altered in any manner that would prohibit issuance of a construction permit in accordance with ORS 454.605 through 454.755 and administrative rules of the Environmental Quality Commission. Any such subdivision, partitioning, or alteration may void this report.

John Odisio
Signature

Environmental Analyst
Title

December 19, 1986
Date

Astoria
Office

WARNING:

1. Authorized local agent approval is required before each construction permit can be issued.
2. This document is a technical report for on-site sewage disposal only. It may be used to obtain construction permits only if the individual lots are compatible with applicable LCDC-Acknowledged local comprehensive LAND USE plans and implementing measures or the Statewide Planning Goals. The Statements of Compatibility may be made on the attached form or an equivalent form.

