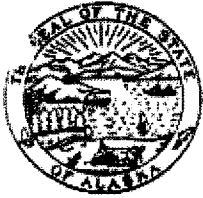


INFO Only

RECEIVED

AUG 21 1998



State of Alaska
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
P.O. Box O, Juneau, Alaska 99811-1800



CERTIFICATION OF CONSTRUCTION FOR DOMESTIC WASTEWATER SYSTEMS

Instructions:

1. Within 30 days after the construction, installation, or modification of a project is completed, the owner, the contractor(s) responsible for constructing the project, and a registered engineer responsible for construction inspection, complete and sign this form declaring that the project was constructed in accordance with the most recent Department-approved plans, or in accordance with the attached as-built drawings.
2. If a project is being completed in phased construction, a map shall be attached showing that portion of the project being declared completed on the date stated in the Owner's Section. Completion of each phase of a project must be declared as it is completed. Additional Certification of Construction forms are available from any Department of Environmental Conservation office.

.....
Please type or print, except for signature:

SECTION A Owner's Section

Name and brief description of project LOT 4 NATHALIE WOODS SUBD

Name of owner DAVE BOONE ADEC Project No. _____

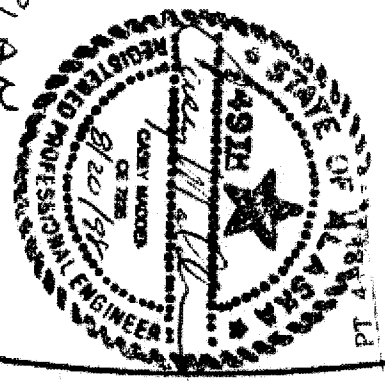
Address 641 RANAEVIEW AVE.

HOMER AK 99003 Date Project Completed _____
City State Zip

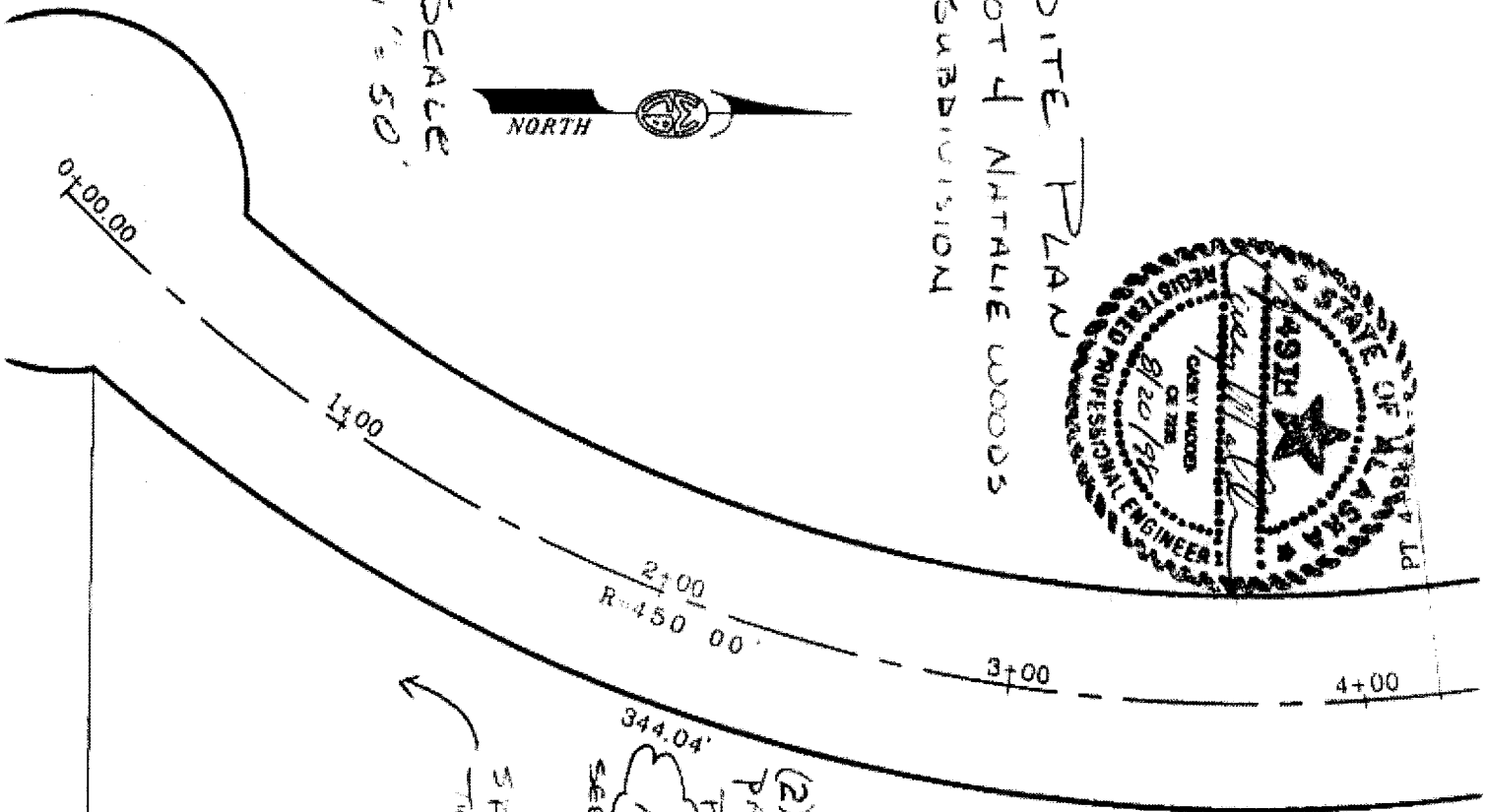
I certify that I am the owner of the above-referenced project. I further certify that this project was constructed in accordance with the latest plans submitted to and approved by the Alaska Department of Environmental Conservation (ADEC), or in accordance with the attached as-built drawings. I understand that I may be required to take remedial measures to correct any construction which was completed without prior ADEC approval, which departs from the approved plans, and which is found to be inconsistent with the applicable requirements of ADEC wastewater disposal regulations (18 AAC 72).

Dave Boone Signature of Owner (please sign in ink) Date 6-6-98

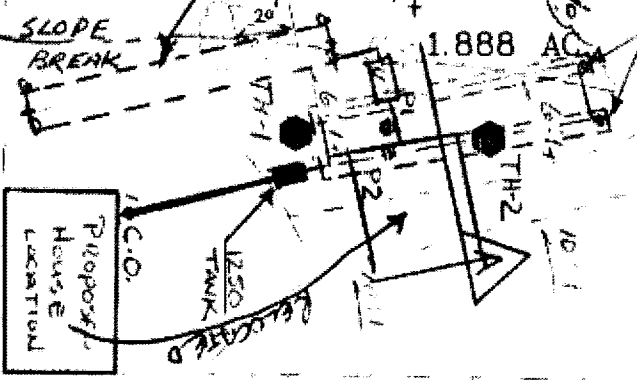
SITE PLAN LOT 4 NATALIE WOODS SUBDIVISION



SCALE
1" = 50'



(2) 5x8x2EDS
PARALLEL w/ SLOPE
PIPE & ROBE 5x0.00%
RELOCATED
IN FIELD AB
SEE ASSUMPT



1251'

SEPTIC SYSTEM

344.57'
S89°00'00"E

221.03
S89°00'00"E

N00°26'56"E
315.38'

VERIFY SEPARATIONS
ON THIS LOT

100' WELL
RADIUS

DRIVEWAY

PROVIDE 4' COVER AND GRADE TO DRAIN

MONITOR TUBES

4:1+ SLOPE
OLIMB SOILS
-25' SM SOILS BAND
-90' SM/MH SOILS
TO 75-10'
SEE TH 1&2

5' X 85' DISPOSAL BEDS
PARALLEL TO D/W & SLOPE
(SEE DETAIL)

SECTION A

MONITOR TUBE
PROVIDE 4' COVER OR EQUIVALENT INSULATION

EXISTING GROUND LEVEL

RAISE CONNECTION
FIVE 2 INCH'S
AT EACH END

6" x 2" FILTER FABRIC

FILTER FABRIC

2 1/2" SLEW

4" PERIMETER
10-12" ROCK

5'

6'

5'



SEWER BED DETAIL
AS BUILT

DAVE ROONE
LOT 4 NATALIE WOODS
HOMER, ALASKA.

WINCE - CORTHELL & BRYSON SOIL LOG

Client	DAVE BOONE	Date	10/4/96
Project	LOT 4 NATALIE WOODS SUBD	Log By	CM
Location	HOMER, AK	Elevation	
Job No.	96-080	Water Table	NONE FOUND
Vegetation	GRASS AND SPRUCE TREES	Hole No	ONE
Topography	MODERATE SLOPE TO WEST		

1	DL	0-1 ³ ORGANICS AND DARK BROWN ORGANIC SILT MOIST & SOFT
2	ML	1 ³ -2 ⁵ RED BROWN SOFT MOIST SILT SANDY SAND
3	SM	2 ⁵ -4 ¹ BROWN SILTY SAND FIRM AND DAMP
4	SM	
5	SM	4 ⁰ -7 ⁵ GREY BROWN SILTY SAND TO SANDY SILT DENSER & FINER W/ LENGTH
6		
7	ML	
8	ML	7 ⁵ -8 ⁵ SAND TO SILTY SAND SANDY SILT
9		
10		NO WATER 10/4/96
11		
12		
13		

Legend

- INDICATES LOCATION OF NATURAL GROUND WATER TABLE
- INDICATES FROZEN GROUND
- INDICATES LOCATION OF STANDARD PENETRATION TEST: BLOWS / 6"
- INDICATES LOCATION OF SPLIT-SPOON SAMPLE
- INDICATES LOCATION OF SAMPLING ATTEMPT WITH NO RECOVERY
- INDICATES LOCATION OF "GRAB" SAMPLE

Typical Descriptions

GRAPHIC SYMBOL	LETTER SYMBOL	DESCRIPTION
	OR	LIVING OR RECENTLY DECOMPOSED MATTER
	GW	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
	GP	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
	GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES
	GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
	SW	WELL-GRADED SANDS, GRAVELLY SANDS LITTLE OR NO FINES
	SP	POORLY-GRADED SANDS, GRAVELLY SANDS LITTLE OR NO FINES
	SM	SILTY SANDS, SAND-SILT MIXTURE
	SC	CLAYEY SANDS, SAND-CLAY MIXTURE
	ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
	CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS LEAN CLAYS
	OL	ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY
	MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS, HIGH PLASTICITY
	CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
	OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY ORGANIC SILTS
	PT	PEAT, HUMUS, SWAMP, SOILS WITH HIGH ORGANIC CONTENTS



PERCOLATION TEST DATA FORM

Percolation test FOUR DAVE BOONE - LOT 4 NATALIE WOODS SUBD.

Location HOMER ALASKA

Test hole number 3 BETWEEN HOLES 1 & 2

Depth to bottom of hole 12 inches. Diameter of hole 8 inches.

Depth, inches	Soil texture
<u>0-1³</u>	<u>DARK BROWN ORGANIC SILT</u>
<u>1³-2⁵</u>	<u>RED BROWN SILT</u>
<u>2⁵-4⁰</u>	<u>CROWN SILTY SAND</u>
<u>4⁰-6⁰</u>	<u>GRAY BROWN SILTY SAND / CLAY SILT</u>

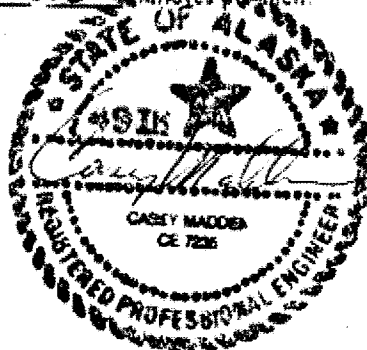
PERC TEST
25-35 →

Percolation test by CASEY MADDEN

Date of test 10/4/96

Time	Time Interval, minutes	Measurement, inches	Drop in water level, inches	Percolation rate, minutes per inch	Remarks
1:50					<u>SOAK PERIOD</u>
2:45	55	14			
2:50	5	2 7/8	1 7/8		
2:55	5	3 1/4	1 5/8		
3:00	5	3 7/8	1 5/8		
3:05	5	7	1 5/8		
3:07	2	7 3/8	3/8		
3:09	2	7 1/2	1/2		
3:11	2	8 1/4	3/8		
3:13	2	8 5/8	3/8		
3:17	4	9 1/4	5/8		
3:19	2	9 3/4	3/4		

Percolation rate = 5.3 minutes per inch. = .8 GAL/SQ FT/DAY



BAYRIDGE CIRCLE

L = 344.04

589°00'00"E

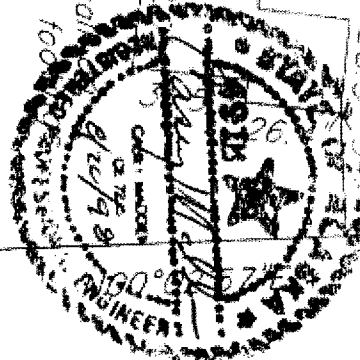
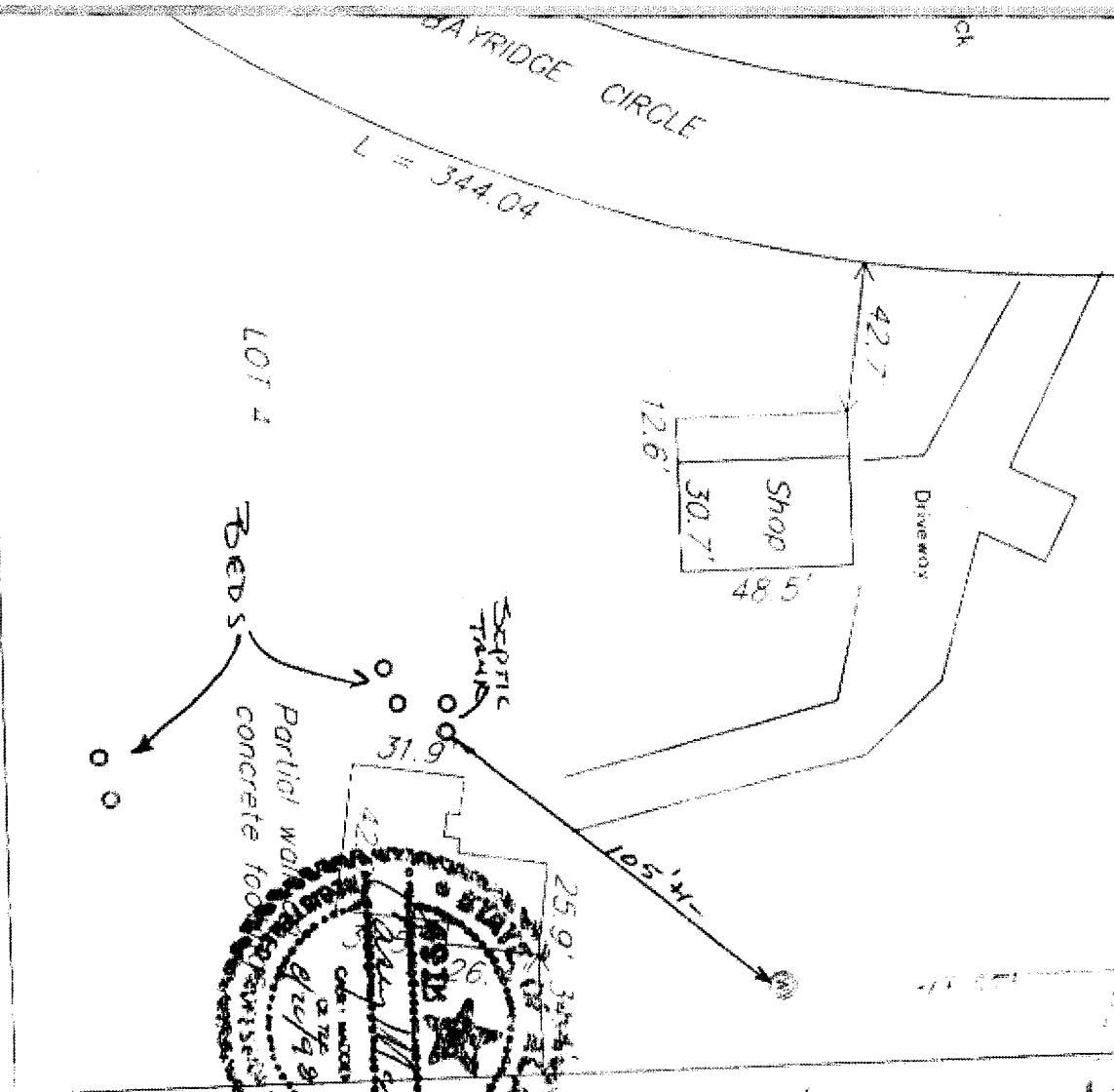
344.6'

589°00'00"E

221.0'

FOR DECISION AND FOR RECORD PURPOSES ONLY

FOR DECISION AND FOR RECORD PURPOSES ONLY



MULLIKIN SURVEYS
DONALD F. MULLIKIN, P.L.S.
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(907) 235-8975