

Date Received

#288207

STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

516
APPLICATION FOR ON-SITE WATER AND SEWER
SYSTEM APPROVAL

I. GENERAL INFORMATION

Legal Description of the Location

Lots 5,8,13a,14, Barry's Finger Lake Subdivision #2

Applicant Name

Alaska Civil Constructors, Inc.

Address (Street or P. O. Box)

P.O. Box 871868

City, State and Zip Code

Wasilla, Alaska 99687

Send Approval to

☒ Applicant ☐ Other (Give Name & Address)

Applicant is: (Check one)

☒ Engineer☐ Bank☐ Certified Installer No.☐ Owner/Builder

Type of Residence

☒ Single Family☐ Multi-Family

Total No. of Bedrooms

2

Telephone

376-3005

II. WATER SUPPLY SYSTEM

Source of Water and Containment (Check all that Apply)

☒ Well (Drilled or Driven) ☐ Surface (Identify)☐ Roof Catchment☐ Holding Tank☐ Other (Identify)

Type of Water Supply System

☒ Private☐ Public (Serves more than one family)

Treatment of Water (Check all that Apply)

☐ None☐ Chlorination☐ Filtration☐ Mineral Removal☒ Other

Unknown

Well Data

Is the Height of the Well Casing more than 12" above the Ground?

Pump wire is in conduit

☒ Yes ☐ No

Is a sanitary seal installed on the well casing?

Well Cap

☒ Yes ☐ No

Is drainage directed away from or around the casing within a radius of 10 feet of the well casing?

☒ Yes ☐ No

Date Drilled

2-23-81*

Depth of Well (Feet)

80'*

Static Water Level (Feet)

36.1 feet

Yield (If Available)

20*

Gal/Min

Pump Rate (If Available)

12

Gal/Min

Separation Distances from the Well Casing to each of the Following Sources of Contamination.

Septic/Holding Tank on Lot

over 100'

Sewer Lines on Lot

over 25'

Absorption Area on Lot

over 100 feet

Closest Septic/Holding Tank on Adjacent Lot

over 100'

Closest Sewer Lines on Adjacent Lot

over 100'

Closest Edge of an Absorption Area on Adjacent Lot

over 100 feet

If toxic materials are stored on the property, including fuel tanks, paints, lubricants and other petroleum based materials, pesticides, fungicides or herbicides, indicate distance from contaminants to well casing

On Lot

none apparent

On Adjacent Lot

within 25'

Water Sample Taken by: Name

Alaska Civil Constructors, Inc.

Address

P.O. Box 871868, Wasilla, Alaska 99687

Sampler is:

☐ Buyer☒ Engineer☐ Banker☐ Government Official

Water Sample Results

Attach Copy

☒ Satisfactory Date 11-23-88☐ Unsatisfactory - Date:

Comments/Recommendations: *Information was obtained from existing ADEC records, not verified by Engineer.

I certify that the above information is correct: This certification does not constitute an express warranty.

Signature

Typed/Printed Name

Bob Gilfilian, P.E.

Title

Professional Engineer

Date

11-28-88

CE5084

NOTE: Must be signed by a Certified Installer, Professional Engineer, Department of Environmental Conservation or the Owner/Builder

288207

Barry's Finger Lake #2 Lot 5A

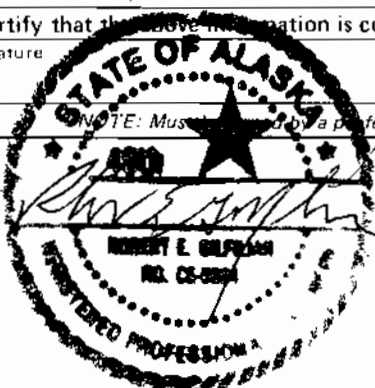
III. WASTEWATER DISPOSAL

☐ Septic Tank/Absorption System		☐ Package Treatment (Specify Brand Name or Process)	
☐ Holding Tank - Specify	Capacity of Tank	Where Waste is Disposed	
☐ Septic Tank Outfall Discharged To		☐ Other (Specify): (Outhouse, Incinerator, etc.)	
☐ New System			
Name of Installer		ENVIRONMENTAL CONSERVATION MSDO	
☐ Owner/Builder	☐ Certified Installer No.	☐ Other:	
Type/Manufacturer			
Septic Tank Size (Gallons)	Number of Compartments	Soil Type or Rating	
Type Soil Absorption System	Dimensions/Size Soil Absorption System	Type/Quantity Backfill Material used for Soil Absorption System	
Percolation Test Results		Percolation Test by: (Name)	
Minimum Ground Cover over Absorption Area	Minimum Ground Cover over Septic Tank	Cleanout Pipes/Caps Installed on Septic Tank ☐ Yes ☐ No	Cleanout Pipes/Caps Installed on Absorption System ☐ Yes ☐ No
Separation Distance to:	Water Supply Source on Lot	Nearest Water Supply Source on Adjacent Lot	Nearest Body of Water
Feet	Feet	Feet	Feet
Comments/Recommendations			
I certify that the above information is correct:			
Signature	Typed/Printed Name	Title, Reg./Cert. No., Inst. No.	Date

NOTE: Must be signed by a certified installer, professional engineer or DEC Staff

☒ Existing System

Name of Installer Jack Holman*		Date Installed 11-13-80*	
☒ Owner/Builder	☐ Certified Installer No.	☐ Other:	
Type/Manufacturer Concrete/Consteel*			
Septic Tank Size (Gallons) 1,000	Number of Compartments unknown*	Soil Type or Rating unknown*	
Type Soil Absorption System Log Crib*	Dimensions/Size Soil Absorption System unknown*	Type/Quantity Backfill Material used for Soil Absorption System unknown*	
Adequacy Test Results: ☒ Pass ☐ Fail 11-22-88		Adequacy Test Performed By: (Attach Copy of Report) Alaska Civil Constructors, Inc. 11-29-88	
Minimum Ground Cover over Absorption Area 4.0	Minimum Ground Cover over Septic Tank 4.0	Cleanout Pipes/Caps Installed on Septic Tank ☒ Yes ☐ No	Cleanout Pipes/Caps Installed on Absorption System ☒ Yes ☐ No
Separation Distance to	Water Supply Source on Lot	Nearest Water Supply Source on Adjacent Lot	Nearest Body of Water
Feet	Feet	Feet	Feet
over 100	over 100	over 100	unknown* see survey
Comments/Recommendations *Information obtained from existing ADEC information and not verified by Engineer. The test results are indicative of condition of system at time test was performed. Alaska Civil Constructors, Inc. makes no representation regarding future life of system.			
I certify that the above information is correct: This certification does not constitute an express warranty.			
Signature	Typed/Printed Name Bob Gilfilian, P.E.	Title, Reg./Cert. No., Inst. No. Professional Engineer	Date 11-28-88
NOTE: Must be signed by a professional engineer.		CE5084	



SEAL

Registered Professional
Engineer

Alaska Civil Constructors, Inc.

P.O. Box 871868, Wasilla, Alaska 99637
(907) 373-2001

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DEC 06 1988

DEC 06 1988

ADEQUACY TEST FORM

ENVIRONMENTAL CONSERVATION
MSDO

LOCATION: 25813A 14 Bays Ferry, E. 14th St #2 NO. OF BEDROOMS: 2 MSDO

DATE: 11-22-88 NO. OF BATHROOMS: 1

INSPECTOR: Brian D. Dittus CALC. PEAK LOAD*: 150 gallons

SEPTIC TANK SIZE: 1000 gallon CALC. PEAK TIME*: 50 minutes

TYPE OF S.A.S. Log Crib CALC. PEAK FLOW RATE: 3 gpm

PROJECT NO.: 28B207 MEAS. AVE. FLOW RATE: 1290m³

[illegible]

*PEAK LOAD = 75 GALLONS X (4 BEDROOMS)

**PEAK TIME = 25 MINUTES X (~~NO~~ BEDROOMS ÷ ~~NO~~ BATHROOMS)

TEST RESULTS

~~X~~ PASSED: FAILED:
REVIEWED BY:



186071

STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

1430

APPLICATION FOR ON-SITE WATER AND SEWER
SYSTEM APPROVAL

I. GENERAL INFORMATION

Legal Description of the Location

Lots 5, 8, 13a, and 14, Barry's Finger Lake #2 (revised)

Applicant Name

Jack and Andrea Holman

Applicant is: (Check one)

☐ Bank☐ Certified Installer No.☒ Owner/Builder

Address (Street or P. O. Box)

c/o P.O. Box 870425

Type of Residence

☒ Single Family☐ Multi-Family

Total No. of Bedrooms

2

City, State and Zip Code

Wasilla, Alaska 99687

Telephone

745-5347

Send Approval to:

☒ Applicant☐ Other: (Give Name & Address)

c/o DeAnn Gleason 376-2448

II. WATER SUPPLY SYSTEM

Source of Water and Containment (Check all that Apply)

☒ Well (Drilled or Driven)☐ Surface (Identify)☐ Roof Catchment☐ Other (Identify)☐ Holding Tank

Type of Water Supply System

☒ Private☐ Public (Serves more than one family)

Treatment of Water (Check all that Apply)

☐ None☐ Chlorination☐ Filtration☐ Mineral Removal☒ Other:

Unknown

Well Data

Is the Height of the Well Casing more than 12" above the Ground?

☒ Yes☐ No

Is a sanitary seal installed on the well casing?

pump wiring is enclosed in conduit

☒ Yes☐ No

Is drainage directed away from or around the casing within a radius of 10 feet of the well casing?

☒ Yes☐ No

Date Drilled

* 2-23-81

Depth of Well (Feet)

* 80'

Static Water Level (Feet)

Unknown

Yield (If Available)

* 20

Gal/Min

Pump Rate (If Available)

** 4.7

Gal/Min

Separation Distances from the Well Casing to each of the Following Sources of Contamination

Septic/Holding Tank on Lot

106' to STCO

Sewer Lines on Lot

over 25'

Absorption Area on Lot

123' to SAS Monitor Tube

Closest Septic/Holding Tank on Adjacent Lot

over 100'

Closest Sewer Lines on Adjacent Lot

over 25'

Closest Edge of an Absorption Area on Adjacent Lot

over 100'

If toxic materials are stored on the property, including fuel tanks, paints, lubricants and other petroleum based materials, pesticides, fungicides or herbicides, indicate distance from contaminants to well casing

On Lot none apparent within 25'

On Adjacent Lot none apparent within 25'

Water Sample Taken by Name

Gilfilian Engineering, Inc.

Sampler is:

☐ Buyer☒ Engineer☐ Banker☐ Government Official

Address

P.O. Box 871868 Wasilla, Alaska 99687

Water Sample Results

☒ Satisfactory - Date:

4-15-86

☐ Unsatisfactory - Date:

Attach Copy

Comments/Recommendations: * Information obtained from well driller's log.

** Average flow rate during adequacy test.

I certify that the above information is correct: This certification does not constitute an express warranty.

Signature

Typed/Printed Name

Title

Date

Michael R. Erdman, P.E.

Professional Engineer

April 17, 1986

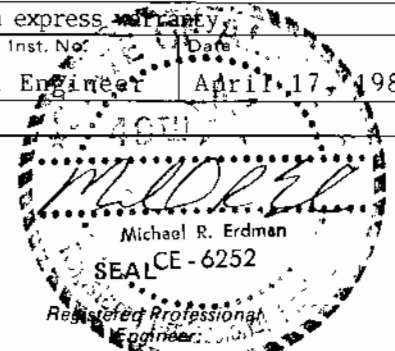
III. WASTEWATER DISPOSAL

☒ Septic Tank/Absorption System		☐ Package Treatment: (Specify Brand Name or Process)	
☐ Holding Tank - Specify:	Capacity of Tank	Where Waste is Disposed	Frequency of Pumping
☒ Septic Tank Outfall Discharged To: Subsurface		☐ Other (Specify): (Outhouse, Incinerator, etc.)	
☐ New System			
Name of Installer			Date Installed
☐ Owner/Builder		☐ Certified Installer No.	☐ Other
Septic Tank Size (Gallons)		Number of Compartments	Type/Manufacturer
Type Soil Absorption System		Dimensions/Size Soil Absorption System	Type/Quantity Backfill Material used for Soil Absorption System
Percolation Test Results		Percolation Test by: (Name)	
Minimum Ground Cover over Absorption area	Minimum Ground Cover over Septic Tank	Cleanout Pipes/Caps Installed on Septic Tank	Cleanout Pipes/Caps Installed on Absorption System
Feet	Feet	☐ Yes ☐ No	☐ Yes ☐ No
Separation Distance to:	Water Supply Source on Lot	Nearest Water Supply Source on Adjacent Lot	Nearest Body of Water
Feet	Feet	Feet	Feet
Comments/Recommendations			
I certify that the above information is correct:			
Signature	Typed/Printed Name	Title, Reg. /Cert. No., Inst. No.	Date
NOTE: Must be signed by a certified installer, professional engineer or DEC Staff.			

☒ Existing System		
Name of Installer		Date Installed
* Jack Holman		* Nov. 13, 1980
☒ Owner/Builder		☐ Certified Installer No.
Type/Manufacturer		
* Concrete/Consteel		
Septic Tank Size (Gallons)	Number of Compartments	Soil Type or Rating
* 1,000	Unknown	Unknown
Type Soil Absorption System	Dimensions/Size Soil Absorption System	Type/Quantity Backfill Material used for Soil Absorption System
* Log Crib	Unknown	Unknown
Adequacy Test Results:	Adequacy Test Performed By: (Attach Copy of Report)	Date Septic Tank Pumped (Attach Copy of Receipt)
☒ Pass ☐ Fail ** 4-14-86	Gilfilian Engineering, Inc.	Unknown
Minimum Ground Cover over Absorption Area	Minimum Ground Cover over Septic Tank	Cleanout Pipes/Caps Installed on Septic Tank
Feet	Feet	☒ Yes ☐ No
Separation Distance to	Water Supply Source on Lot	Nearest Water Supply Source on Adjacent Lot
from STCO 106	Feet	Feet
from STCO 106	over 100	over 100
Feet	Feet	Feet
Unknown	Unknown	Unknown
Comments/Recommendations		
* Background information obtained from present owner, Mr. Jack Holman. ** Test results are indicative of condition of system at time test was performed. Gilfilian Engineering, Inc. makes no representation regarding future life of system.		
I certify that the above information is correct: This certification does not constitute an express warranty.		
Signature	Typed/Printed Name	Title, Reg./Cert. No., Inst. No.
<i>Michael R. Erdman</i>	Michael R. Erdman, P.E.	Professional Engineer
		Date
		April 17, 1986
NOTE: Must be signed by a professional engineer.		

RECEIVED
APR 22 1986

Environmental Conservation





Gilfilian Engineering, Inc.

Bob Gilfilian, P.E. P.O. Box 871868, Wasilla, Alaska 99687 (907) 376-3005

ADEQUACY TEST FORM

Location: Lots 5, 8, 13a, & 14
Barry's Finger Lake #2
 Date: 4-14-86
 Inspector: Carol Adams
 Septic Tank Size: 1000 gal
 Type of S.A.S.: Log Crib
 Project No.: 186071

No. of Bedrooms: 2
 No. of Bathrooms: 1
 Calc. Peak Load*: 150 gals. x 2/day = 300 gals/day
 Calc. Peak Time**: 50 minutes
 Calc. Peak Flow Rate: 3.0 gpm
 Meas. Ave. Flow Rate: 4.7 gpm

Time	Meter Reading	Cumulative Volume	Septic Tank Liquid Level	Δ S.T.	S.A.S. Level	Δ S.A.S.	Comments
1:43:00	31290	0	73½"	½"	158½"	½"	Δ = 69"
1:47:50	31315	25	73"	0"	158"	0"	
1:54:30	31350	60	73"	0"	158"	0"	
2:02:49	31390	100	73"	0"	158"	0"	
2:27:16	31490	200	73"	0"	158"	0"	
2:47:30	31590	300	73"	0"	158"	0"	* Door closed & hose
10 min			73½"	½"	158½"	½"	
64.5 min.	TOTALS	300 gals.	—	½"	—	½"	

TEST RESULTS

*Peak Load = 75 gallons x (#Bedrooms)
 **Peak Time = 25 minutes x (#Bedrooms + #Bathrooms)

Environmental Conservation
☒ Passed; ☐ Failed
 Reviewed by: Carol Adams
 Date: 4/21/86

RECEIVED
 APR 22 1986

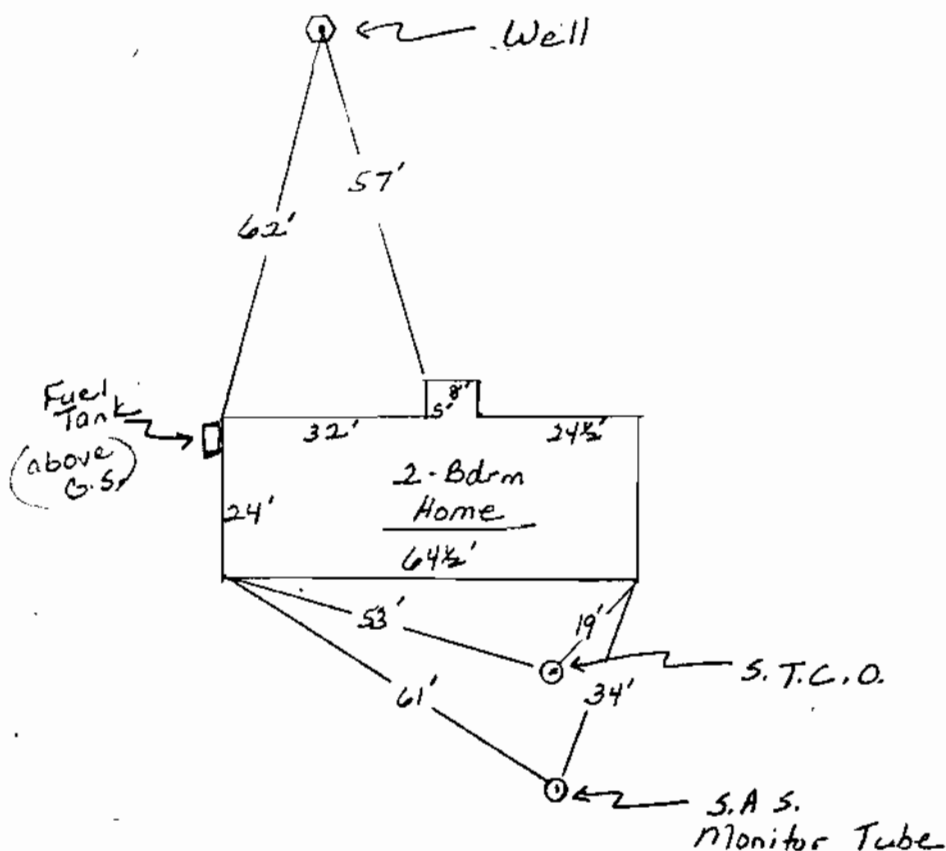
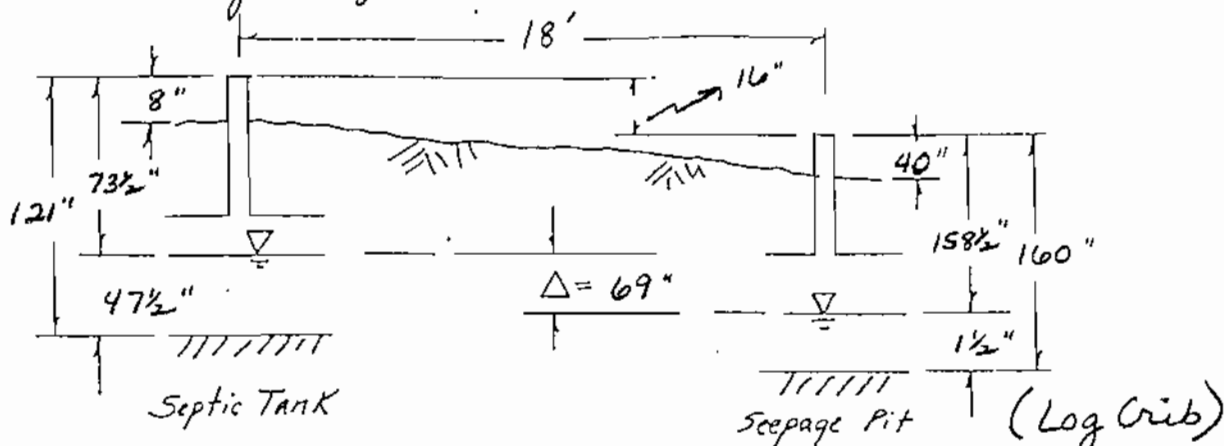


Gilfilian Engineering, Inc.

Bob Gilfilian, P.E. P.O. Box 871868, Wasilla, Alaska 99687 (907) 376-3005

ON-SITE INSPECTION NOTES

Location: Lot 5, 8, 13a, & 14 PROJECT NO.: 186071
Barry's Finger Lake #2, Inspector: Carol Adams, Date: 4-14-86



NOTES

1. Scale 1" = 30'
2. Measurements obtained with handheld instruments and tape - not by survey method.
3. No scum layer, and approximately 1"-2" of sludge in the septic tank. OK
4. Well: RECEIVED
 6" steel cased, well cap, 28" casing above G.S., 1986 drained, pump wiring in conduit. Environmental Conservation

PLANNING & LAND USE DIRECTOR'S CERTIFICATE

I CERTIFY THAT THIS SUBDIVISION PLAT HAS BEEN FOUND TO COMPLY WITH THE LAND SUBDIVISION REGULATIONS OF THE MATANUSKA-SUSITNA BOROUGH, AND THAT THE PLAT HAS BEEN APPROVED BY THE PLATTING AUTHORITY BY PLAT RESOLUTION NUMBER 2016-105 DATED 5/11, 2016 AND THAT THIS PLAT HAS BEEN APPROVED FOR RECORDING IN THE OFFICE OF THE RECORDER IN THE PALMER RECORDING DISTRICT, THIRD JUDICIAL DISTRICT, STATE OF ALASKA, IN WHICH THE PLAT IS LOCATED.

Eileen M. Nelson
PLANNING AND LAND USE DIRECTOR

October 31, 2016
DATE

ATTEST: *[Signature]* 10/31/16
(PLATTING CLERK)

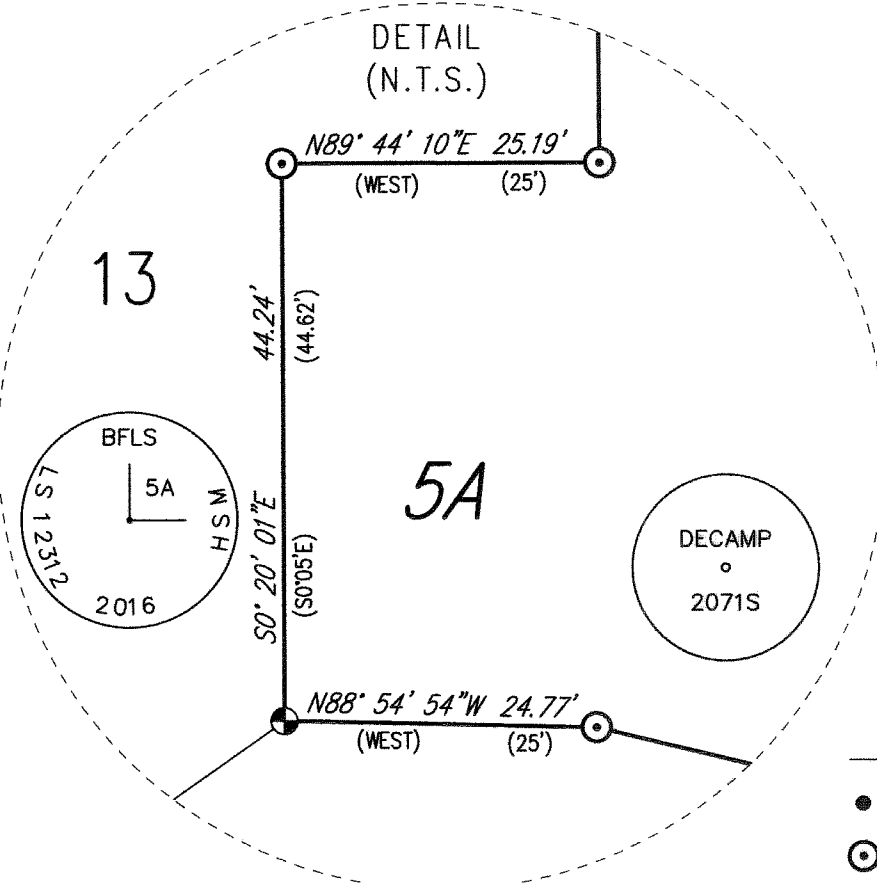


CERTIFICATE OF PAYMENT OF TAXES

I HEREBY CERTIFY THAT ALL CURRENT TAXES AND SPECIAL ASSESSMENTS, THROUGH

August 16, 2016, AGAINST THE PROPERTY, INCLUDED IN THE SUBDIVISION OR RESUBDIVISION, HEREON HAVE BEEN PAID.

Jennifer Lindamood 10/31/16
TAX COLLECTION OFFICIAL
(MATANUSKA-SUSITNA BOROUGH)



LEGEND

- RECOVERED 5/8" REBAR
- RECOVERED PLASTIC CAP ON #5 REBAR
- ⊙ SET 2 1/2" ALUMINUM POST MONUMENT
- ⊞ RECOVERED WOODEN HUB
- MEASURED DATA
- RECORD PER PLAT (61-56)

NOTES

1. NO INDIVIDUAL WATER SUPPLY SYSTEM OR SEWAGE DISPOSAL SYSTEM SHALL BE PERMITTED ON THIS LOT UNLESS THE SYSTEM IS LOCATED, CONSTRUCTED, AND EQUIPPED IN ACCORDANCE WITH THE REQUIREMENTS, STANDARDS, AND RECOMMENDATIONS OF THE ALASKA STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION.
2. THERE MAY BE FEDERAL, STATE, AND LOCAL REQUIREMENTS GOVERNING LAND USE. THE INDIVIDUAL PARCEL OWNER SHALL OBTAIN A DETERMINATION WHETHER THESE REQUIREMENTS APPLY TO THE DEVELOPMENT OF PARCELS SHOWN ON THE PLAT TO BE RECORDED.
3. MATANUSKA ELECTRIC ASSOCIATION HAS A RIGHT OF WAY EASEMENT ALONG THE EXISTING DISTRIBUTION LINE, RECORDED IN BOOK 197, PAGE 306.



I HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF ALASKA, THAT THIS PLAT REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE MONUMENTS SHOWN ON THE PLAT ACTUALLY EXIST AS DESCRIBED AND THAT ALL OTHER DETAILS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Craig E. Hanson
REGISTERED LAND SURVEYOR

BARRY'S ACRES
SUBDIVISION
(PLAT 70-31)

6

BARRY'S ACRES
LOTS 7A, 7B &
7C, BLOCK 2
(PLAT 99-112)
7A

2

E. BOGARD ROAD

BASIS OF BEARING

BARRY'S RESORT
RESUBDIVISION
LOTS 1A & 1B,
BLOCK 7
(PLAT 84-291)

6

7 1B

7

5A

45,443 SQ. FT
1.04 ACRES ±

3A

BARRY'S
FINGER LAKE
SUBDIVISION
NO. 2
(PLAT 85-127)

E. RADON DRIVE

E. RADON DRIVE

BARRY'S
FINGER LAKE
SUBDIVISION
NO. 3
(PLAT 67-5)

13

15

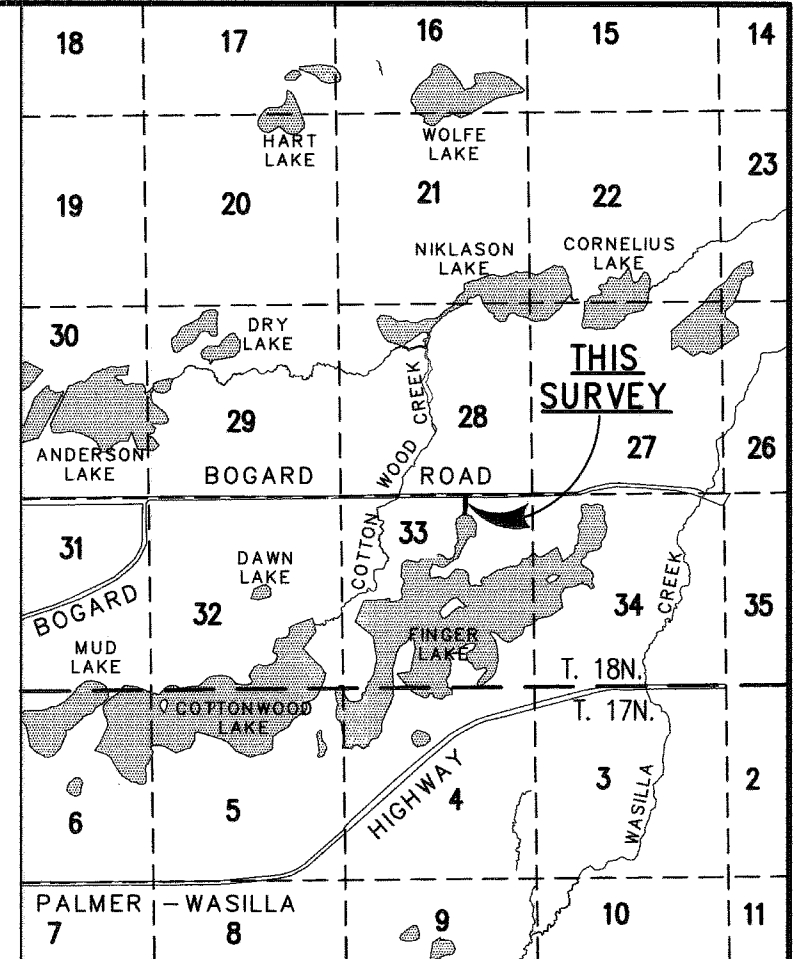
16

BARRY'S
FINGER LAKE
SUBDIVISION
NO. 2
(PLAT 61-56)

SEE
DETAIL

FINGER LAKE
COVE

25 0 50 75 100
US SURVEY FEET



MSB TAX MAP WA00

1"=5280'

CERTIFICATE OF OWNERSHIP

I HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY SHOWN AND DESCRIBED ON THIS PLAN AND THAT I ADOPT THIS PLAN OF SUBDIVISION BY MY FREE CONSENT.

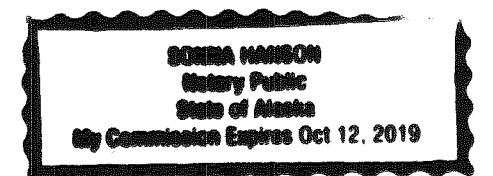
Matthew C. Knepper 10/26/16
MATTHEW C. KNEPPER
P.O. BOX 1113
PALMER AK 99645

NOTARY ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN BEFORE ME THIS

26 DAY OF October, 2016
FOR Matthew C. Knepper

Sandra Hansen
NOTARY FOR THE STATE OF ALASKA
MY COMMISSION EXPIRES: Oct 12, 2019



BARRY'S FINGER LAKE
SUBDIVISION NO. 2
LOT 5A
A REPLAT OF
LOTS 5, 8 14 & 13A,
BARRY'S FINGER LAKE SUBDIVISION NO. 2,
(PLAT 61-56)

PALMER RECORDING DISTRICT

LOCATED WITHIN
NE 1/4 SEC. 33, T.18N. R.1E. SM, AK
CONTAINING 1.04 ACRES MORE OR LESS

HANSON
SURVEYING & MAPPING
305 EAST FIREWEED AVENUE
PALMER, ALASKA, 99645
(907) 746-7738

FILE: FB16-105 CK: CEH SCALE: 1"=50' 10/25/16 1 OF 1