

Owen Mountain

Box 4

Block 2

OS1-111-62

Municipality of Anchorage
 DEPARTMENT OF HEALTH AND HUMAN SERVICES
 ENVIRONMENTAL SERVICES DIVISION

P.O. Box 196650 • Anchorage, Alaska 99519-6650 • Telephone: 343-4744
On-Site Wastewater Disposal System and/or Well Inspection Report

Permit Number: SW 950152

PID Number: 0511162

Name: <u>VILLAGE VENTURES</u>	Wastewater System: <input checked="" type="checkbox"/> New <input type="checkbox"/> Upgrade
Address: <u>20618 EDWARD C.R.</u>	ABSORPTION FIELD
Phone: _____	<input type="checkbox"/> Deep Trench <input checked="" type="checkbox"/> Shallow Trench <input type="checkbox"/> Bed <input type="checkbox"/> Mound <input type="checkbox"/> Other
No. of Bedrooms: <u>3</u>	

LEGAL DESCRIPTION		Soil Rating: <u>0.8</u> GPD/Sq. Ft.	Total Depth from original grade: <u>3'</u>
Lot: <u>4</u>	Block: <u>2</u>	Subdivision: <u>OUR MTD</u>	Depth to pipe bottom from original grade: <u>2'</u> Ft.
Township: _____	Range: _____	Section: _____	Gravel depth beneath pipe: <u>1'</u> Ft.
			Gravel length: <u>98'</u> Ft.
			Gravel width: <u>5'</u> Ft.
			Number of lines: <u>1</u>
			Distance between lines: <u>N/A</u> Ft.

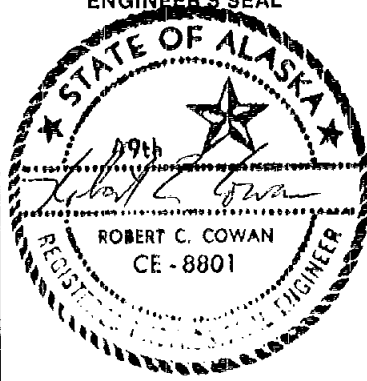
WELL: <input checked="" type="checkbox"/> New <input type="checkbox"/> Upgrade		Total absorption area: <u>563</u> SQ. Ft.	Pipe material: <u>ASTM D 3034/F810</u>
Classification (Private A,B,C): <u>PRIVATE</u>	Total Depth: <u>285' 4"</u> Ft.	Cased To: <u>80'</u> Ft.	Date installed: <u>6-22-95</u>
Driller: <u>ZAC'S Well Drilling</u>	Date Drilled: <u>8-14-95</u>	Static Water Level: <u>UK</u> Ft.	Installer: <u>TWEED EXC.</u>
Yield: <u>1.5</u> GPM	Pump Set at: <u>UK</u> Ft.	Casing Height Above Ground: <u>12"</u> Ft.	

SEPARATION DISTANCES		TANK	
		<input checked="" type="checkbox"/> Septic <input type="checkbox"/> Holding <input type="checkbox"/> S.T.E.P.	

From	To	Septic Tank	Absorption Field	Lift Station	Holding Tank	Public/Private Sewer Lines	Manufacturer:	Capacity in gallons:	
Well		<u>175'</u>	<u>177'</u>	<u>—</u>	<u>—</u>	<u>25'</u>	<u>ANCH. TANK</u>	<u>1000</u>	
Surface Water		<u>100"</u>	<u>100"</u>	<u>—</u>	<u>—</u>	<u>100"</u>	<u>STEEL</u>	<u>2</u>	
Lot Line		<u>*10'</u>	<u>*10'</u>	<u>—</u>	<u>—</u>	<u>—</u>			
Foundation		<u>7'</u>	<u>38'</u>	<u>—</u>	<u>—</u>	<u>—</u>			
Curtain Drain		<u>NONE KNOWN</u>							

LIFT STATION	
Size in gallons:	Manufacturer:
"Pump on" level at:	"Pump off" level at:
Pump Make & Model:	Electrical Inspections performed by:

REMARKS: * SEE ATTACHED EASEMENT AGREEMENT		BENCH MARK	
		Location and Description: <u>TOP OF FOUNDATION</u>	
		Assumed Elevation: <u>100'</u> Ft.	

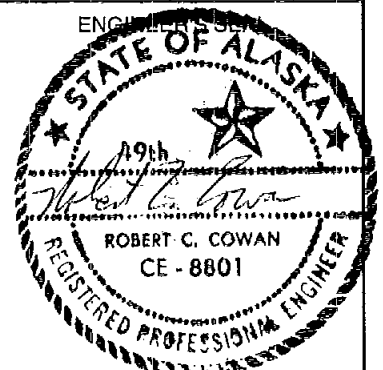
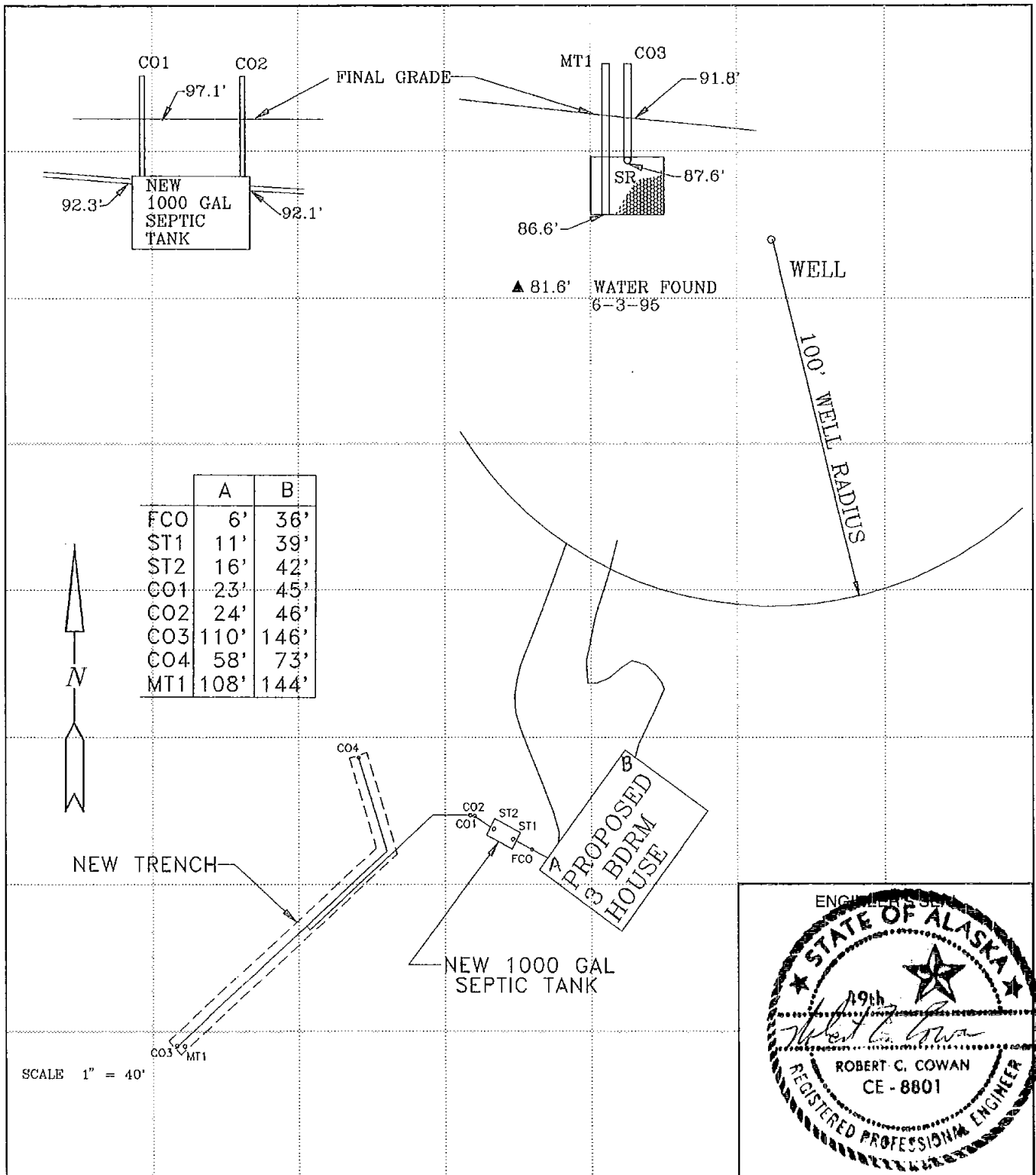
<p>S & S ENGINEERING Inspections performed by: <u>17034 Eagle River Loop Road No. 204</u> <u>Eagle River, Alaska 99577</u></p> <p>Dates: 1st <u>6-21-95</u> 2nd <u>6-22-95</u></p> <p>Department of Health and Human Services approval</p> <p>Reviewed and approved by: <u>Janis J. Roth</u> Date: <u>10-9-95</u></p>	<p>ENGINEER'S SEAL</p>  <p>ROBERT C. COWAN CE-8801 REGISTERED PROFESSIONAL ENGINEER</p>
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Municipality of Anchorage
DEPARTMENT OF HEALTH AND HUMAN SERVICES
ENVIRONMENTAL SERVICES DIVISION

P.O. Box 196650 • Anchorage, Alaska 99519-6650 • Telephone: 343-4744

On-Site Wastewater Disposal System and/or Well Inspection Report

Legal Description: LOT 4, BLOCK 2, OUR MOUNTAIN S/D PID No.: 05111162



WELL LOG Zac's Well Drilling

P.O. Box 119
Palmer, AK 99645
745-4371

OWNER The Thomas Company
8910 Solow Dr.
ADDRESS Anchorage AK 99507
WELL-SITE Our Mountain 500
L. 495 B-2
DATE 9-14-95

DEPTH OF WELL 285' 4"
STATIC LEVEL _____
GALS. PER MIN. 1.5
SIZE OF CASING 6"

KIND OF FORMATION:

From <u>207</u> Ft. to <u>211</u> Ft. <u>GREEN SLATE</u>	From <u>223</u> Ft. to <u>224</u> Ft. <u>FRONTIER</u>
From <u>211</u> Ft. to <u>212</u> Ft. <u>FRONTIER</u>	From <u>224</u> Ft. to <u>225</u> Ft. <u>GREEN SLATE</u>
From <u>215</u> Ft. to <u>236</u> Ft. <u>GREEN SLATE</u>	From _____ Ft. to _____ Ft. _____
From <u>236</u> Ft. to <u>239</u> Ft. <u>FRONTIER</u>	From _____ Ft. to _____ Ft. _____
From <u>239</u> Ft. to <u>251</u> Ft. <u>GREEN SLATE</u>	From _____ Ft. to _____ Ft. _____
From <u>251</u> Ft. to <u>253</u> Ft. <u>FRONTIER</u>	From _____ Ft. to _____ Ft. _____
From <u>259</u> Ft. to <u>276</u> Ft. <u>GREEN SLATE</u>	From _____ Ft. to _____ Ft. _____
From <u>276</u> Ft. to <u>277</u> Ft. <u>FRONTIER</u>	From _____ Ft. to _____ Ft. _____
From <u>277</u> Ft. to <u>282</u> Ft. <u>GREEN SLATE</u>	From _____ Ft. to _____ Ft. _____

CONTRACTOR Jim Hugg

page 2

RECEIVED
SEP 21 1995
Municipality of Anchorage
Dept. Health & Human Services

MUNICIPALITY OF ANCHORAGE
DEPARTMENT OF HEALTH AND HUMAN SERVICES
P.O. BOX 196650, 825 "L" STREET, ROOM 502
ANCHORAGE, ALASKA 99519-6650

ON-SITE WELL AND WASTEWATER DISPOSAL SYSTEM PERMIT

PERMIT NUMBER: SW950152
DESIGN ENGINEER: S & S ENGINEERING
OWNER NAME: VILLAGE VENTURES
OWNER ADDRESS: 20618 EDWARD CIR
CHUGIAK, ALASKA 99567

DATE ISSUED: 7/11/95
EXPIRATION DATE: 7/11/96

PARCEL ID: 05111162

LEGAL DESCRIPTION:
OUR MOUNTAIN BLK 2 LT 4

LOT SIZE: 115171 (SQ. FT.)
NUMBER OF BEDROOMS: 3 THIS PERMIT: 3

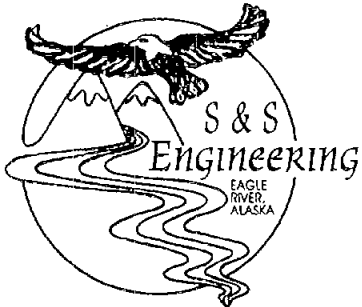
THIS PERMIT IS FOR THE CONSTRUCTION OF:
DISPOSAL FIELD / SEPTIC TANK / WELL SYSTEM
ALL CONSTRUCTION MUST BE IN ACCORDANCE WITH:

1. THE ATTACHED APPROVED DESIGN.
2. ALL REQUIREMENTS SPECIFIED IN ANCHORAGE MUNICIPAL CODE CHAPTERS 15.55 AND 15.65 AND THE STATE OF ALASKA WASTEWATER DISPOSAL REGULATIONS (18AAC72) AND DRINKING WATER REGULATIONS (18AAC80).
3. THE ENGINEER MUST NOTIFY DHHS AT LEAST 2 HOURS PRIOR TO EACH INSPECTION. PROVIDE NOTIFICATION BY CALLING 343-4744 (24 HOURS) . (NOT REQUIRED FOR WELL ONLY PERMIT)
4. FROM OCTOBER 15 TO APRIL 15 A SUBSURFACE SOIL ABSORPTION SYSTEM UNDER CONSTRUCTION DURING FREEZING WEATHER MUST BE EITHER:
 - A. OPENED AND CLOSED ON THE SAME DAY
 - B. COVERED, SEALED AND HEATED TO PREVENT FREEZING
5. THE FOLLOWING SPECIAL PROVISIONS.

SPECIAL PROVISIONS:

RECEIVED BY: *Jane Manning* DATE: 7/12/95

ISSUED BY: *Daniel J. Roth* DATE: 7-11-95



ROBERT C. COWAN, P.E.
ROBERT A. SHAFER, P.E.

June 19, 1995

CIVIL ENGINEERS
(907) 694-2979
FAX (907) 694-1211

HEALTH AUTHORITY
APPROVALS

MUNICIPALITY OF ANCHORAGE
Department of Health and Human Services
P.O. Box 196650
Anchorage, AK 99519

SEWER & WATER
MAIN EXTENSIONS

REFERENCE: Lot 4 & 5 (proposed Lot 4A); Block 2; Our Mountain
Subdivision

SEWER & WATER
INSPECTION

*Request you issue a permit to drill a well and install a septic system
to serve the proposed three bedroom house on the referenced property.*

ENGINEERING STUDIES
AND REPORTS

*Test holes were excavated and percolation tests performed. The
approximate locations of the test holes are located on the attached
site plan.*

WELL INSPECTION
& FLOW TEST

*At the time of excavation, water was encountered at 9 feet in test
hole #1 and 8 feet in test hole #2 and after seven day ground water
monitoring water was found at 8 feet and 8 feet respectively.*

SITE PLANS

*This property has enough area for a future septic upgrade which can be
seen on the attached site plan.*

ROAD DESIGN

*We do not anticipate any adverse effects on neighboring wells, septic
systems or drainage patterns by the installation of the proposed
septic system.*

SOIL TEST

*There are no points of contamination within the proposed well radius
which can be seen on the attached site plan.*

PERCOLATION
TEST

If you require additional information, please contact us.

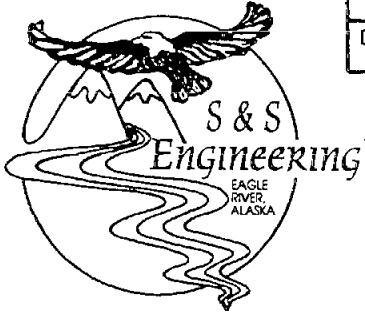
STRUCTURAL &
MECHANICAL
INSPECTIONS

Sincerely,

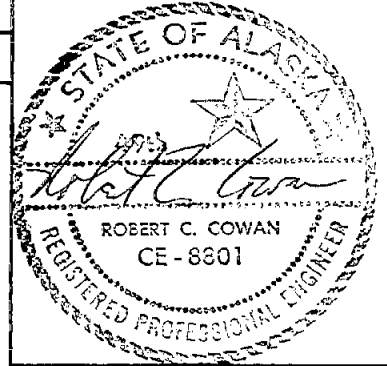
Robert C. Cowan, P.E.
RCC/gk

Enclosure.

ON SITE
WASTEWATER
DISPOSAL SYSTEM
DESIGN



LEGAL LOT 4A (PROPOSED), BLOCK 2. OUR MOUNTAIN S/D
 DRAWN D.H.L. CKD. R.C.C. DATE 6-15-95 SHT. 1 OF 1



STRUCTURES, EASEMENTS, OR ENCROACHMENTS SHOWN ON THIS SITE PLAN ARE AS SHOWN ON AN AS-BUILT SURVEY DRAWN BY:

WILLIAM D. FLEMING

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY EASEMENTS, REQUIRED SEPARATION DISTANCES, AND PROPERTY LINES PRIOR TO CONSTRUCTION.

REVISED 7-10-95

LOT 3

EDWARD CIRCLE

10' UTILITY EASEMENT

GRAVEL DRIVE

PROP. WELL

100' WELL RADIUS

CONTRACTOR IS REQUIRED TO OBTAIN UTILITY LOCATES PRIOR TO ANY EXCAVATION WORK.

DESIGN CRITERIA:

3 BDRM = 450 GPD
 SOILS = 0.8 GPD/SQ.FT.
 $450/0.8 = 563$ SQ.FT. REQ'D.
 0.87 REDUCTION FACTOR

TRENCH DESIGN:

3' DEEP
 1' EFFECTIVE
 5' WIDE
 98' LONG

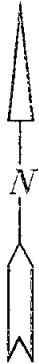
ALL PORTIONS OF SYSTEM WITH LESS THAN 3.5' OF COVER REQUIRE INSULATION.

DESIGN

SITE-PLAN

1" = 60'

SCALE



LOT 6

LOT 4A

ALT. SITE

PROPOSED 1000 GAL SEPTIC TANK

PROPOSED TRENCH

PROPOSED 3 BDRM HOUSE

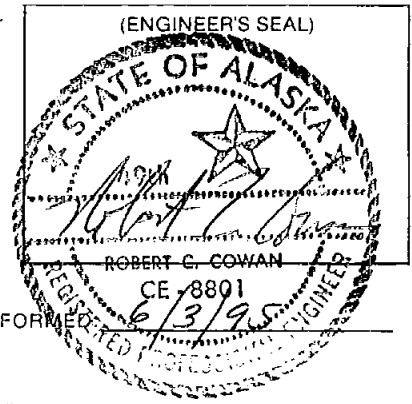
33' STATE EASEMENT

CLIENT

THE ENGINEER MAY VARY THE EXACT DIMENSIONS AND DESIGN PARAMETERS IN THE FIELD, IF NECESSARY, TO MEET SITE CONDITIONS.



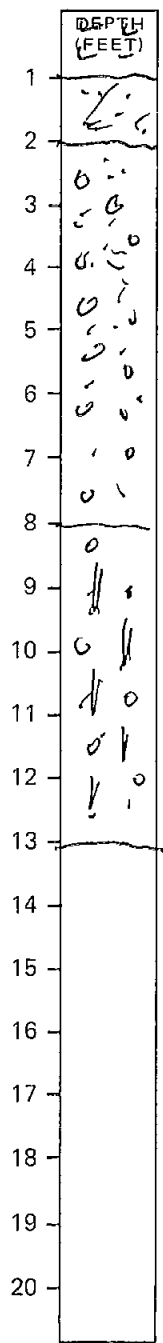
Municipality of Anchorage
DEPARTMENT OF HEALTH & HUMAN SERVICES
825 "L" Street, Anchorage, Alaska 99502-0650
SOILS LOG — PERCOLATION TEST



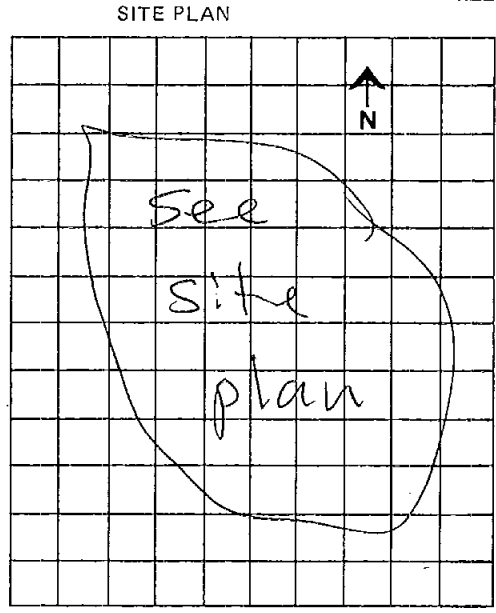
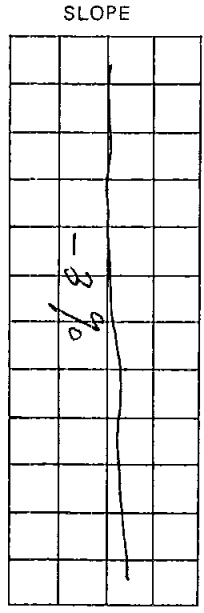
PERFORMED FOR: Matt Welk DATE PERFORMED: 6/3/95

LEGAL DESCRIPTION: L4:5 B2 Our Mtn. Township, Range, Section:

#1



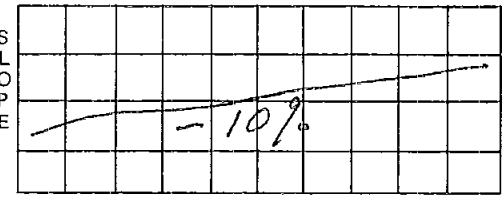
OR
SM
GW
GM
B.O.H



WAS GROUND WATER ENCOUNTERED? yes

IF YES, AT WHAT DEPTH? 9'

Depth to Water After Monitoring? 8' Date: 6-14-95



Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
PERCOLATION PERIOD					
1	6-14-95	12:30	—	3 1/4"	—
2	↓	12:40	10 min	4 1/4"	1"
3	↓	12:50	↓	5 1/4"	1"
4	↓	1:00	↓	5 1/4"	1"
5	↓	1:10	↓	5 1/4"	1"

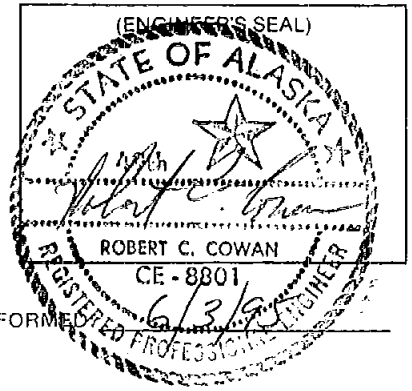
PERCOLATION RATE 10 (minutes/inch) PERC HOLE DIAMETER 6
TEST RUN BETWEEN 2 FT AND 3 FT

COMMENTS Tree Ex.

PERFORMED BY: S & S ENGINEERING | Raymond CERTIFY THAT THIS TEST WAS PERFORMED IN ACCORDANCE WITH ALL STATE AND MUNICIPAL GUIDELINES IN EFFECT ON THIS DATE. DATE: 6-14-95

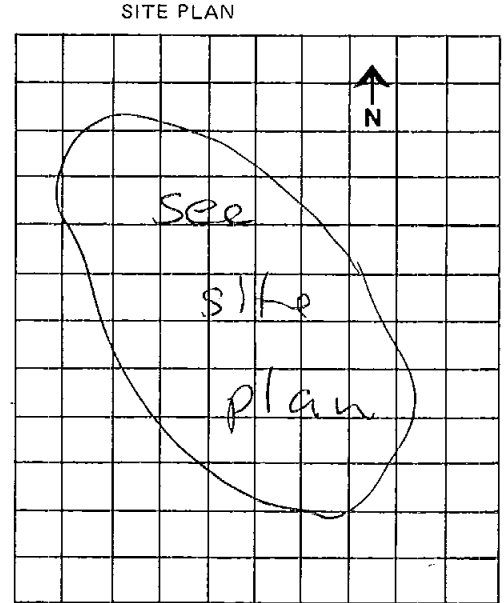
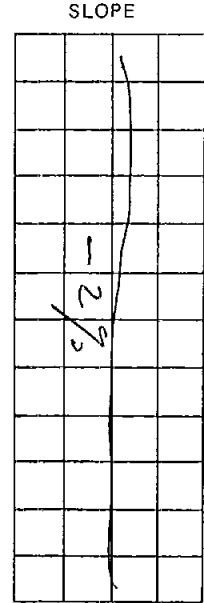
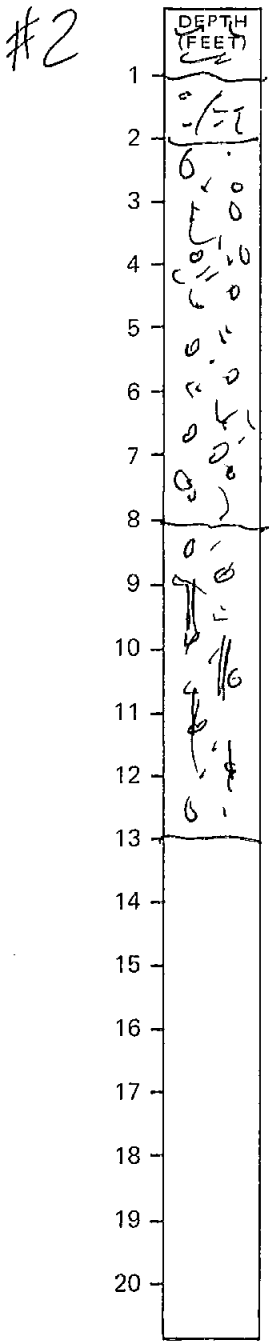


Municipality of Anchorage
DEPARTMENT OF HEALTH & HUMAN SERVICES
825 "L" Street, Anchorage, Alaska 99502-0650
SOILS LOG — PERCOLATION TEST



PERFORMED FOR: Matt. Welk DATE PERFORMED: 6/3/95

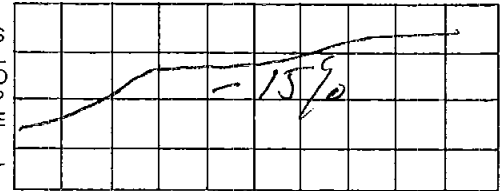
LEGAL DESCRIPTION: L4 & 5 B2 Ourutan Township, Range, Section:



WAS GROUND WATER ENCOUNTERED? yes

IF YES, AT WHAT DEPTH? 8'

Depth to Water After Monitoring? 8' Date: 6-14-95



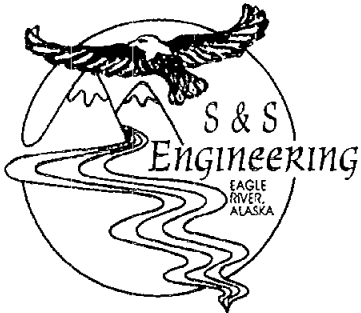
Reading	Date	Gross Time	Net Time	Depth to Water	Net Drop
PERCOLATION PERIOD					
1	6-14-95	12:25	-	4 1/2"	-
2		12:35	10 min	5 1/2"	1"
3		12:45		5 1/4"	3/4"
4		12:55		5 1/4"	3/4"
5		1:05		5 1/4"	3/4"

PERCOLATION RATE 13.3 (minutes/inch) PERC HOLE DIAMETER 6

TEST RUN BETWEEN 2 FT AND 3 FT

COMMENTS Tweed Ex.

PERFORMED BY: S & S ENGINEERING
17034 Eagle River Loop Road No. 204 Raymond CERTIFY THAT THIS TEST WAS PERFORMED IN
Eagle River, Alaska 99577 ACCORDANCE WITH ALL STATE AND MUNICIPAL GUIDELINES IN EFFECT ON THIS DATE. DATE: 6-14-95



ROBERT C. COWAN, P.E.
ROBERT A. SHAFER, P.E.

**ON-SITE WASTEWATER DISPOSAL SYSTEM
CONSTRUCTION PRACTICES
and
MATERIAL SPECIFICATIONS**

CIVIL ENGINEERS
(907) 694-2979
FAX (907) 694-1211

HEALTH AUTHORITY
APPROVALS

REFERENCE: Lot 4A, Block 2, Our Mountain S/D
June 15, 1995

SEWER & WATER
MAIN EXTENSIONS

GENERAL:

SEWER & WATER
INSPECTION

1. The scope of this project includes the installation of a 1000 gallon septic tank and five foot wide drainfield to serve the proposed three bedroom residence for the referenced property.

ENGINEERING STUDIES
AND REPORTS

2. Construction shall be in accordance with the approved site plan and design drawings, Municipal permit with any special provisions or conditions, and all applicable State and Municipal Wastewater Disposal Regulations.

WELL INSPECTION
& FLOW TEST

3. The contractor shall be responsible for obtaining any necessary underground utility locates.

SITE PLANS

4. Unless specifically agreed otherwise, the property owner shall be responsible for final grading areas subsequently depressed from soil settling. On all leachfield mound systems, the property owner shall be responsible for ensuring a satisfactory vegetation growth over the mounded area.

ROAD DESIGN

5. Contractors installing wastewater disposal systems must be certified by the Municipal Health Department for system installations. Owners installing their own systems must also receive prior approval from the Municipal Health Department.

SOIL TEST

SEPTIC TANK INSTALLATION:

PERCOLATION
TEST

1. A septic tank is to be constructed by a certified septic tank manufacturer. Construction shall include two 4" cleanouts for pumping access.

STRUCTURAL &
MECHANICAL
INSPECTIONS

2. The septic tank shall be sufficiently bedded to prevent settling or shifting of the tank.

ON SITE
WASTEWATER
DISPOSAL SYSTEM
DESIGN

3. All standpipes on the septic tank shall extend a minimum of 12 inches above final grade.

4. Septic tanks installed with less than 4 ft. of cover shall be insulated.
5. A foundation cleanout shall be installed one to four feet from the building foundation. In the line between the tank and the leachfield there shall be two adjacent cleanouts (unless an effluent pumping system exists within the septic tank). These cleanouts shall be located on undisturbed soil not more than 10 ft. from the tank. The first cleanout, in line, shall be to clean toward the leachfield. The second cleanout shall be to clean toward the septic tank.
6. Final grading over the septic tank shall be such that a positive slope exists away from the septic tank.

ABSORPTION TRENCH/DRAINFIELD INSTALLATION:

1. Excavate the proposed trench to the dimensions shown on the design. The bottom of the excavation shall be within 2 inches of level. If the sidewalls of the excavation become smeared, they must be raked or scratched (ruffed-up) before gravel (sewer rock) placement.
2. Once the gravel is installed, the distribution pipe is to be installed level with the perforations faced downward. Gravel is then to be placed over the distribution pipe to provide a minimum of 2 inches of cover over the pipe.
3. A silt barrier must be installed between the final gravel layer and the native soil backfill. Ensure the silt barrier covers the entire gravel surface before placing backfill.
4. Monitor tubes shall be of four (4) inch diameter, installed approximately in the locations shown on the design, and extend a minimum of 12 inches above final grade. The portion of the monitoring tube extending through the gravel shall be perforated from the bottom of the trench to the invert of the distribution pipe. This is equivalent to the effective depth of the gravel as noted on the design.
5. Backfill over the final gravel layer must not be less than twenty-four (24) inches. Insulation must be installed when the backfill depth is less than thirty-six (36) inches. The finish grade over the trench must be mounded to prevent the formation of a depression after settling.

MINIMUM MATERIAL SPECIFICATIONS:

1. Any septic tank proposed for installation must be constructed by a Municipally approved septic tank manufacturer.
2. The following pipe materials are approved for use in septic system installations in the Municipality of Anchorage:

<u>Type of Pipe</u>	<u>Perforated</u>	<u>Solid</u>
Cast Iron	Yes	Yes
ASTM D3034 (PVC)	Yes	Yes
ASTM F810 (HDPE)	Yes	No
ASTM D2662 (ABS)	Yes	Yes

Use of a type of pipe other than listed above must be approved by the inspecting engineer.

3. Insulation shall be at least 2" thick extruded direct burial polystyrene (Dow Chemical Company Styrofoam HI or equal).
4. Septic tank inlets and outlets shall be fitted with watertight couplings (Caulder, Fernco, or equal).
5. A permeable nontoxic silt barrier (Typar 3401, Mirafi 140N, or equal) must be installed between the final leachfield gravel layer and the native soil backfill.
6. All leachfield gravel (sewer rock) shall be 0.5"-2.5" screened gravel with less than 3% passing the #200 sieve.
7. When sand is being used as a filter material, its gradation specifications must conform to current M.O.A. or D.E.C. requirements.

INSPECTIONS:

Typically there will be a minimum of three (3) inspections required during the installation of the wastewater disposal system. These inspections will occur as follows:

1. The first inspection must be conducted after the excavation of ditches, pits, trenches, or beds and before the installation of any gravel. A septic tank may be set in place, but may not be backfilled before this inspection.
2. The second inspection must be conducted after the placement of the silt barrier, gravel, distribution lines, standpipes, cleanouts, and insulation, but before the placement of any other backfill.
3. The final inspection is to occur upon final grading of the property.

Often there will be more than these 3 inspections required. Especially with the installation of multiple trenches, sand filters, pressurized distribution systems, etc. Thus, the inspecting engineer is to be contacted at least 24 hours prior to the start of construction. If necessary, a pre-construction meeting will take place on-site. The inspecting engineer will not coordinate, direct or control in any way the contractors activities.

The owner shall contract with the contractor to perform the work outlined in these specifications and plans and in accordance with the attached M.O.A. permit. There will be no contractual arrangement existing between the contractor and S & S Engineering. S & S Engineering shall be the owner's representative and will inspect the work as stated above to document the contractors activities. Final acceptance of the contractors work rests with the owner and the M.O.A.

S & S Engineering shall have no liability to the owner or to others for acts or omissions of the contractor or any other persons performing work on this project or the failure of the contractor to carry out the work in accordance with these construction documents. S & S Engineering's inspecting engineer will not be responsible for the construction means, methods, techniques, sequence, procedures or the safety precautions incident to this project.

CONTRACTOR/OWNER

Reference Building or Land
Use Permit Number(s) 95E3155

RECEIVED

OCT 2 1995

MUNICIPALITY OF ANCHORAGE
COVENANT TO PROVIDE
ACCESS

Municipality of Anchorage
Dept. Health & Human Services

The Municipality of Anchorage, hereinafter the

"Municipality", and The Thomas Company

(name of individual, partnership, corporation, or husband and wife
if joint owners)

hereinafter the "Owner", and The Thomas Company

(name of individual, partnership, corporation, or husband and wife
if joint owners)

hereinafter the "Neighbor", enter into the following agreement
which shall become effective on the date the agreement is fully
executed.

Section 1. The Owner is a(n) Corporation

(individual, partnership, corporation, etc., or tenancy by
entirety)

and Michael R. Thomas execute(s) this agreement on
(name(s) of person(s) signing)

behalf of the Owner in the capacity of President

(individual, partner, president (if corporation), tenants by
entirety (if husband and wife))

Michael R. Thomas warrants that he/she has authority
(name(s) of person(s) signing)

to execute this agreement on behalf of the Owner.

The Neighbor is a(n) Corporation

(individual, partnership, corporation, etc., or tenancy by
entirety)

and Michael R. Thomas executes this agreement on
(name(s) of person(s) signing)

behalf of the Neighbor in the capacity of President

(individual, partner, president (if corporation), tenants by
entirety (if husband and wife))

COVENANT TO PROVIDE ACCESS
Page 1

Return recorded agreement to:
Municipality of Anchorage
Public Works, Building Safety
Land Use Reviewer (Kathy Johnson)
P.O. Box 196650
Anchorage, AK 99519-6650

(Form revised 8/92)

Michael R. Thomas warrants that he/she has authority
(name(s) of person(s) signing)

to execute this agreement on behalf of the Neighbor.

Section 2. The Owner owns a parcel of real property
described as: Lot 4 Block 2 Our Mountain Subdivision
(insert legal description--usually lot with bldg)

Anchorage Recording District, Third Judicial District, State of
Alaska, shown on the map attached hereto as Appendix A, and
referred to hereinafter as the "dominant parcel." In order to
utilize the dominant parcel for Single Family Dwelling
(specify project--office, etc.)

the Owner must provide Access
(specify what owner must provide)

in order to meet the requirements of Title 21 of the Anchorage
Municipal Code.

The Neighbor owns an adjacent parcel of real property
described as Lot 5 Block 2 Our Mountain Subdivision
(insert legal description of lot providing parking)

Anchorage Recording District, Third Judicial District, State of
Alaska, shown on the map attached hereto as Appendix A, and
referred to hereinafter as the "servient parcel." The servient
parcel can provide Access to Lot 4 Block 2

(specify what the servient parcel may provide)

and Neighbor hereby agrees to Provide access to Lot 4, Block 2

(specify burden Neighbor agrees to put on servient parcel)

Section 3. The Owner and Neighbor covenant and agree
that they and their heirs, successors, and assigns, shall use the
servient parcel to provide Access to Lot 4 Block 2

(specify the burden on the servient parcel)

for the use and benefit of the dominant parcel, and that the
above-described use of the servient parcel shall not be altered
or restricted in any manner without the consent of the
Municipality.

Section 4. It is understood that violation of this
agreement shall constitute a violation of Title 21 of the

Anchorage Municipal Code, and will be subject to all the penalties and remedies provided by law for such a violation.

OWNER

NEIGHBOR

By Michael R. Thomas
Title President
Date 8/15/95

By Michael R. Thomas
Title President
Date 8/15/95

MUNICIPALITY OF ANCHORAGE

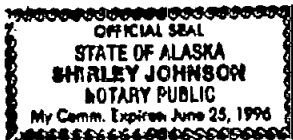
By [Signature]
Title Code Enforcement Manager
Date August 25, 1995

NOTARY BLOCK FOR OWNER'S SIGNATURE:

STATE OF ALASKA)
THIRD JUDICIAL DISTRICT) ss:

This is to certify that on the 15th day of August, 1995, before me, the undersigned Notary Public in and for the State of Alaska, duly commissioned and sworn as such, there personally appeared Michael Thomas, known to me to be the owner of the 4455 BX2-CUR MTH, and he/she acknowledged that he/she executed the foregoing instrument as a free and voluntary act and deed of said property for the uses and purposes therein stated, and on oath stated that he/she was authorized to execute said instrument.

In witness whereof, I have hereunto set my hand and affixed my official seal the day and year hereinabove written.



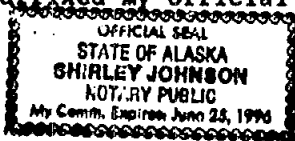
[Signature]
Notary Public in and for Alaska
My commission expires June 25, 1996

NOTARY BLOCK FOR NEIGHBOR'S SIGNATURE:

STATE OF ALASKA)
THIRD JUDICIAL DISTRICT) SS:

This is to certify that on the 15th day of August, 1995, before me, the undersigned Notary Public in and for the State of Alaska, duly commissioned and sworn as such, there personally appeared Michael Thomas, known to me to be the Prop/owner of the 4415 BK 2 - An Mtn., and he/she acknowledged that he/she executed the foregoing instrument as a free and voluntary act and deed of said property for the uses and purposes therein stated, and on oath stated that he/she was authorized to execute said instrument.

In witness whereof, I have hereunto set my hand and affixed my official seal the day and year hereinabove written.



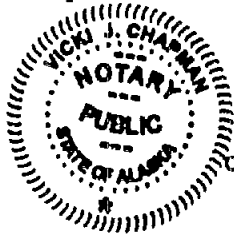
Shirley Johnson
Notary Public in and for Alaska
My commission expires June 25, 1996

NOTARY BLOCK FOR MUNICIPAL REPRESENTATIVE'S SIGNATURE:

STATE OF ALASKA)
THIRD JUDICIAL DISTRICT) SS:

This is to certify that on the 25th day of August, 1995, before me, the undersigned Notary Public in and for the State of Alaska, duly commissioned and sworn as such, there personally appeared DAVID L. BRENNEN, known to me to be the CODE ENFORCEMENT MANAGER the MUNICIPALITY OF ANCHORAGE, a Municipal Corporation, and he/she acknowledged that he/she executed the foregoing instrument as a free and voluntary act and deed of said Municipal Corporation for the uses and purposes therein stated, and on oath stated that he/she was authorized to execute said instrument.

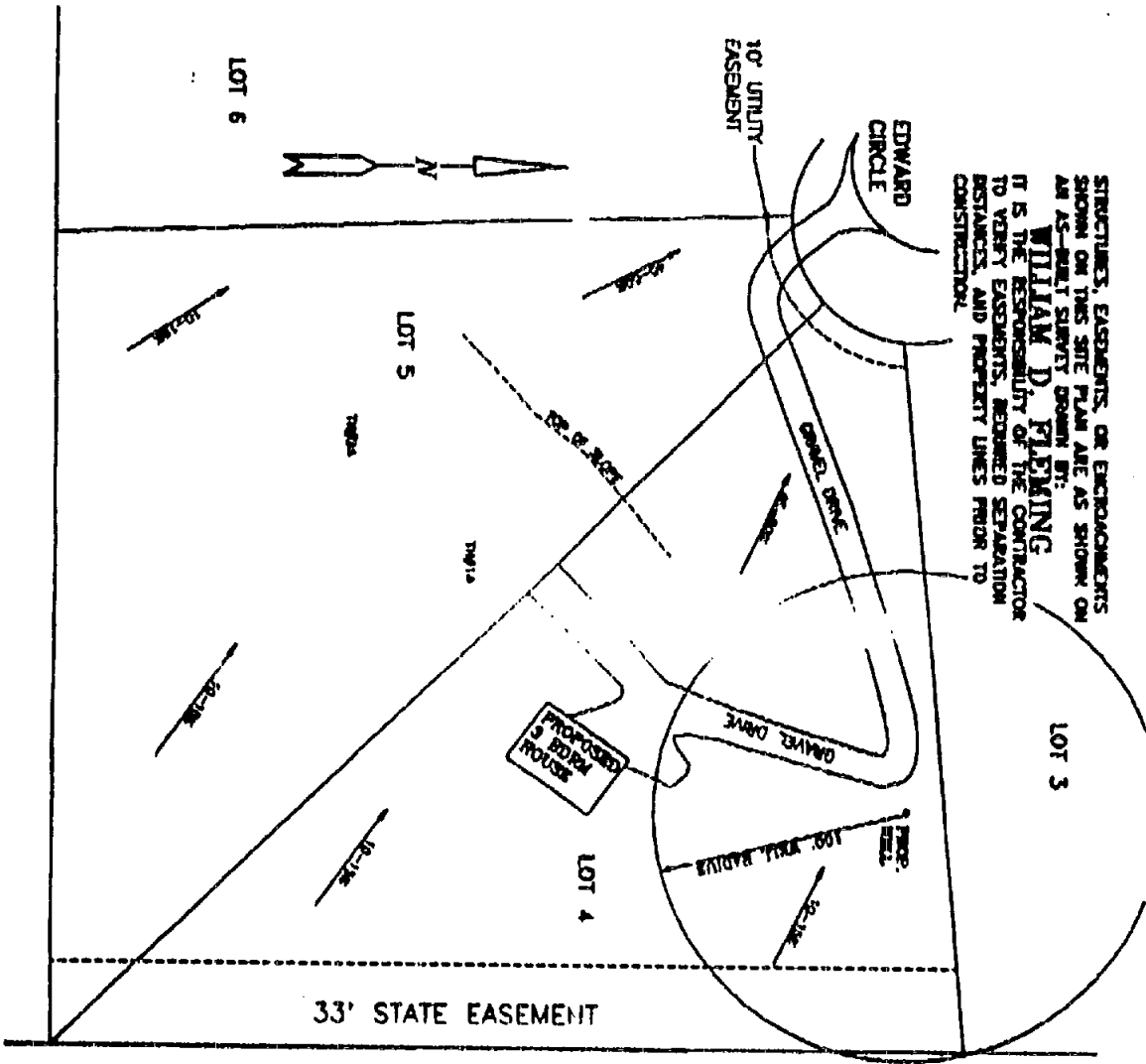
In witness whereof, I have hereunto set my hand and affixed my official seal the day and year hereinabove written.



Vicki J. Chapman
Notary Public in and for Alaska
My commission expires 3/23/97

1" = 60'

SITE-PLAN



STRUCTURES, EASEMENTS, OR ENCROACHMENTS SHOWN ON THIS SITE PLAN ARE AS SHOWN ON AN AS-BUILT STREET DESIGN BY:
WILLIAM D. FLEMING
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY EASEMENTS, REQUIRED SEPARATION DISTANCES, AND PROPERTY LINES PRIOR TO CONSTRUCTION.

LOT 4 AND LOT 5, BLOCK 2, OUR MOUNTAIN S/D
 D.H.L. R.C.C. 8-10-95 1 OF 1

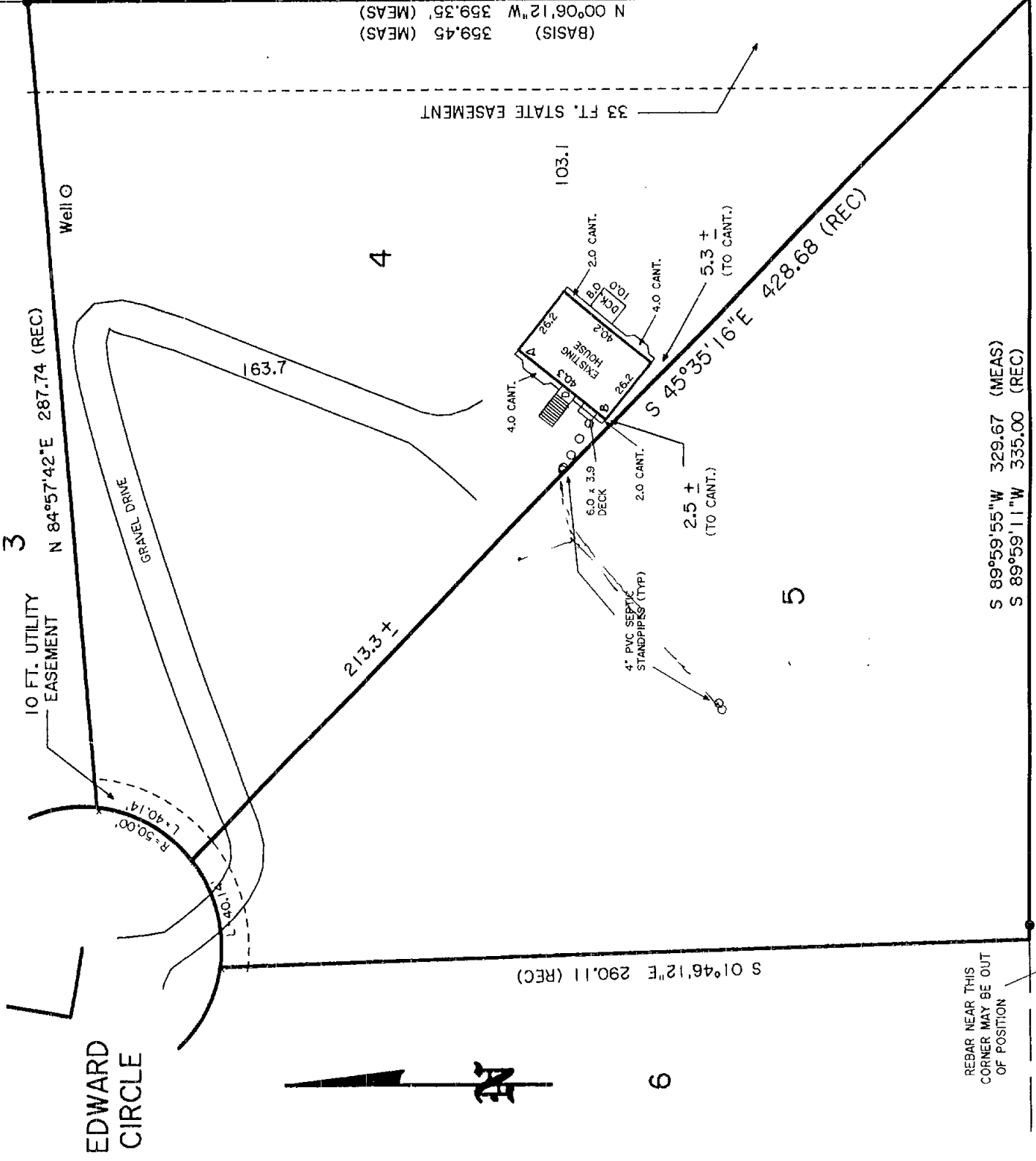
CHUGACH STATE PARK



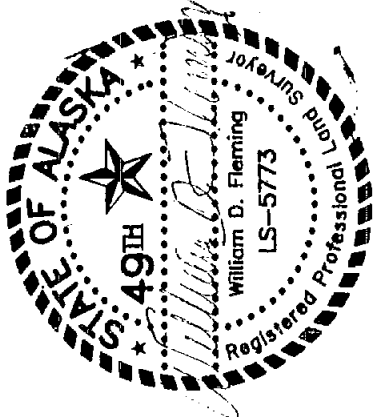
Appendix A

95- 040640
 27
 ANCHORAGE REC. DISTRICT
 REQUESTED BY *AM*
 '95 AUG 30 AM 11 45

CHUGACH STATE PARK



8/30/95	AS BUILT	34-30
6/6/95	PLOT PLAN	33-31
DATE		FLD. BK.



NOTES: Easements not appearing on record subdivision plat are not shown unless description of easement is provided by client. It is the responsibility of the owner or builder, prior to construction, to verify proposed building grade relative to finish grade and utilities connections, and to determine the existence of any easements, covenants, or restrictions which do not appear on the recorded subdivision plat.

Elevations based on assumed datum unless otherwise indicated, and bearings and distances are record data.

S & S Engineering
 17034 EAGLE RIVER LOOP ROAD
 EAGLE RIVER, ALASKA 99577
 (907)694-2979

LEGAL DESCRIPTION		
LOTS 4 AND 5, BLOCK 2 OUR MOUNTAIN SUBDIVISION		
PLAT NO.	SCALE	GRID
77-17	1" = 50'	NW 1361



MUNICIPALITY OF ANCHORAGE
 DEPARTMENT OF HEALTH & HUMAN SERVICES
 Division of Environmental Services
 On-Site Services Section



P.O. Box 196650 Anchorage, Alaska 99519-6650
 343-4744

CERTIFICATE OF HEALTH AUTHORITY
 APPROVAL FOR A SINGLE FAMILY DWELLING

Parcel I.D. # 0511162 HAA # HA950433

1. GENERAL INFORMATION

Complete legal description Lot 4; Block 2; Our Mountain Subdivision

Location (site address or directions) Edward Circle

Chugiak, AK

Property owner Matt Welk Day phone 688-6227

Mailing address 22727 Northwoods Drive Chugiak, AK 99567

Lending agency _____ Day phone _____

Mailing address _____

Agent _____ Day phone _____

Address _____

Unless otherwise requested, HAA will be held for pickup.

2. NUMBER OF BEDROOMS: 3

3. TYPE OF WATER SUPPLY:

Individual well XXX

Community well _____

Public water _____

NOTE: If community well system, provide written confirmation from State ADEC attesting to the legality and status of system.

4. TYPE OF WASTEWATER DISPOSAL:

Individual on-site XXX

Holding tank _____

Community on-site _____

Public sewer _____

NOTE: If community wastewater system, provide written confirmation from State ADEC attesting to the legality and status of system.



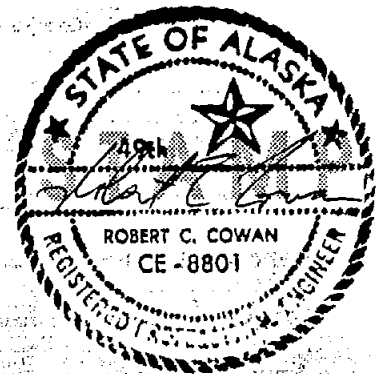
5. STATEMENT OF INSPECTION BY ENGINEER

As certified by my seal affixed hereto and as of the validation date shown below, I verify that my investigation of this Health Authority Approval application shows that the on-site water supply and/or wastewater disposal system is safe, functional and adequate for the number of bedrooms and type of structure indicated herein. I further verify that based on the information obtained from the Municipality of Anchorage files and from my investigation and inspection, the on-site water supply and/or wastewater disposal system is in compliance with all Municipal and State codes, ordinances, and regulations in effect on the date of this inspection.

Name of Firm S & S ENGINEERING Phone 694-2979
17034 Eagle River Loop Road No. 204

Address Eagle River, Alaska 99577

Engineer's signature [Signature] Date 9/28/95



6. DHHS SIGNATURE

Approved for 3 bedrooms.
 Disapproved.
 Conditional approval for _____ bedrooms, with the following stipulations:

Additional Comments _____

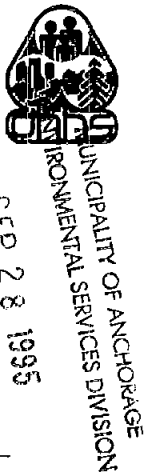
By: [Signature] Date 10-9-95

CAUTION

The Municipality of Anchorage Department of Health and Human Services (DHHS) issues Health Authority Approval Certificates based only upon the representations given in paragraph 5 above by an independent professional engineer registered in the State of Alaska. The DHHS does this as a courtesy to purchasers of homes and their lending institutions in order to satisfy certain federal and state requirements. Employees of DHHS do not conduct inspections or analyze data before a certificate is issued. The Municipality of Anchorage is not responsible for errors or omissions in the professional engineer's work.



Municipality of Anchorage
DEPARTMENT OF HEALTH & HUMAN SERVICES
 Environmental Services Division
 825"L" Street, Room 502 • Anchorage, Alaska 99501 • (907) 343-4744



Health Authority Approval Checklist

Legal Description: Lot 4 Bk 2 Old Mountain Parcel I.D.: 05111162

A. WELL DATA

Well type Private If A, B, or C, attach ADEC letter. ADEC water system number N/A

Log present Y Date completed 8-14-95

Total depth 285' 4" Cased to 20' Casing height (above ground) 12" +

Sanitary seal Y Wires properly protected Y

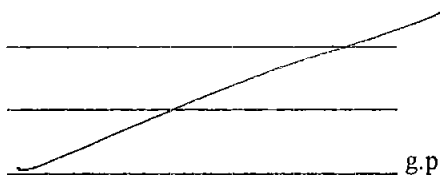
FROM WELL LOG

AT INSPECTION

Date of test 8-14-95

Static water level OK

Well production 1.5 g.p.m.



WATER SAMPLE RESULTS:

Coliform 0 Nitrate 0.10 Other bacteria 0

Date of sample: 9-18-95 Collected by: **S & S ENGINEERING**

**17034 Eagle River Loop Road No. 204
 Eagle River, Alaska 99577**

B. SEPTIC/HOLDING TANK DATA

Date installed 6-22-95 Tank size 1000 Number of Compartments 2 Cleanouts Y

Foundation-cleanout Y Depression N High water alarm N

Date of Pumping N/A - New Pumper N/A

C. ABSORPTION FIELD DATA

Date installed 6-22-95 Soil rating (g.p.d./ft² or ft²/bdm) 0.8 System type SHALLOW TRENCH

Length 93' Width 5' Gravel thickness below pipe 1' Total depth 5'

Effective absorption area 563 ft² Monitoring Tube present Y Depression over field N

Date of adequacy test N/A - New Results (Pass/Fail) — For — bedrooms

Fluid depth in absorption field before test (in.): — Immediately after — gal. water added (in.): —

Fluid depth — Minutes later: — (in.) Absorption rate = — g.p.d.

Peroxide treatment (past 12 months) N If yes, give date —

D. LIFT STATION

Date installed _____ Size in gallons _____
Manhole/Access (Y/N) _____ "Pump on" level at* _____ "Pump off" level at* _____
High water alarm level at* _____ *Datum _____
Cycles tested _____

E. SEPARATION DISTANCES

SEPARATION DISTANCES FROM WELL ON LOT TO:

Septic/holding tank on lot 175' ; On adjacent lots 100'
Absorption field on lot 177' ; On adjacent lots 100'
Public sewer main N/A Public sewer manhole/cleanout N/A
Sewer /septic service line 25' Lift station N/A

SEPARATION DISTANCES FROM SEPTIC/HOLDING TANK ON LOT TO:

Foundation 7' Property line 10' Absorption field 25'
Water main/service line 10' Surface water/drainage 100' Wells on adjacent lots 100'

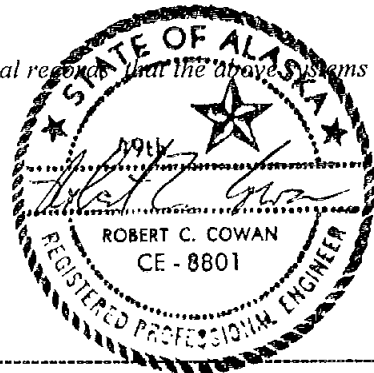
SEPARATION DISTANCE FROM ABSORPTION FIELD ON LOT TO:

Building foundation 30' Water main/service line 10'
Surface water 100' Driveway, parking/vehicle storage area 40'
Curtain drain NONE KNOWN Wells on adjacent lots 100'

F. ENGINEER'S CERTIFICATION

I certify that I have determined thru field inspections and review of Municipal records that the above systems are in conformance with MOA HAA guidelines in effect on this date.

Signature Robert C. Cowan
Engineer's Name ROBERT C. COWAN
Date 9/28/95



HAA Fee \$ 300.00 Waiver Fee \$ _____
Date of Payment 9-28-95 Date of Payment _____
Receipt Number 1343 (3279) Receipt Number _____