

EL PASO COUNTY DEPARTMENT OF HEALTH AND ENVIRONMENT
INDIVIDUAL SEWAGE DISPOSAL SYSTEM INSPECTION FORM

Permit # 011275
Date 7-14-97

APPROVED: YES NO # 41220000002 ENVIRONMENTALIST J. Mydlowski

Address 16906 ELBERT ROAD Owner RICHARD HOLMES

Legal Description SW4 NW4 SW4 SEC 22 T11S R64W
Residence , # of bedrooms 4; Commercial ; System Installer JANUS

SEPTIC TANK:
Commercial ; Noncommercial L , W , WD
Construction Material PRECAST Concrete, capacity 1500 gallons.

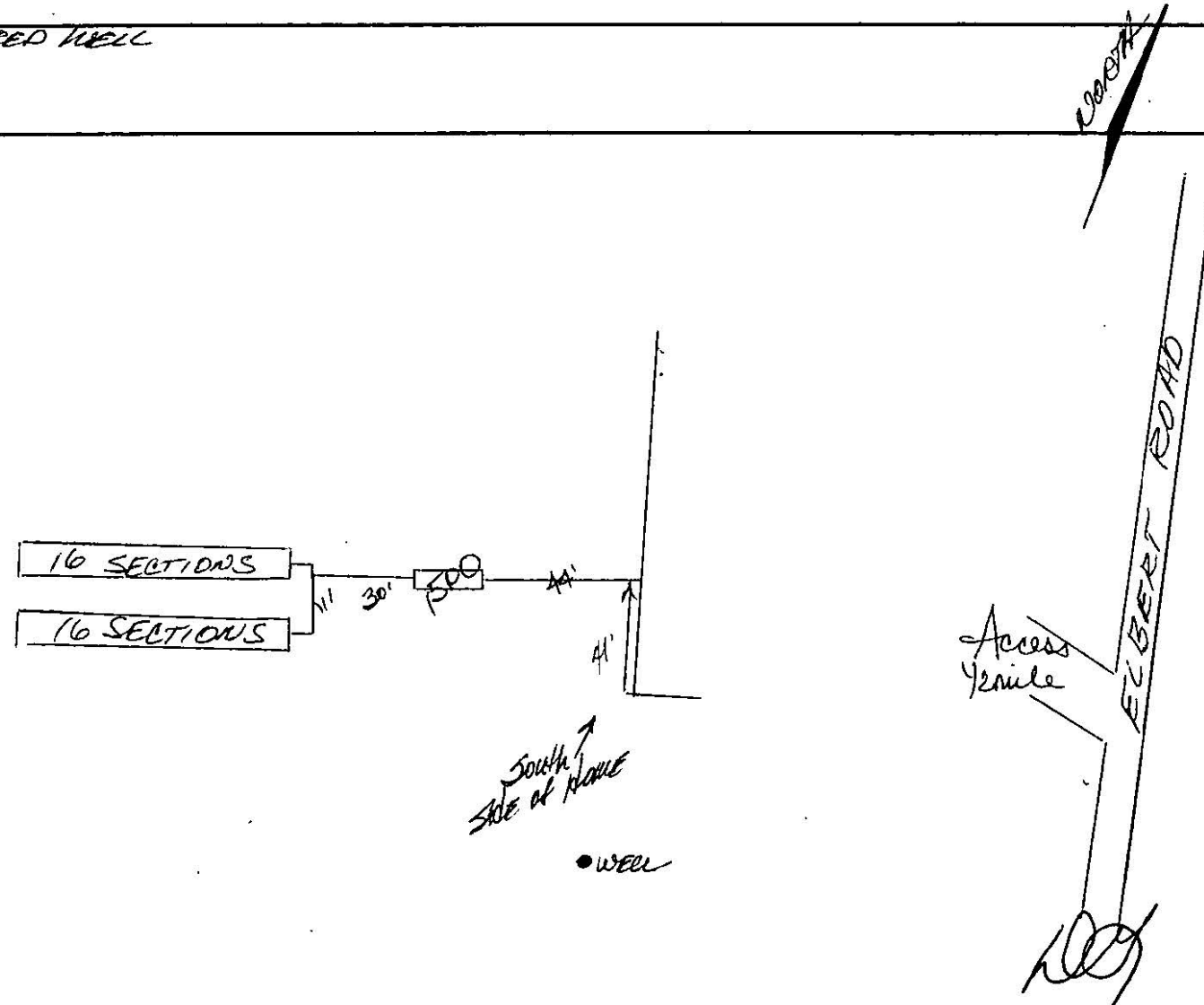
DISPOSAL FIELD:
WAGNER TANK

Rock Systems:
Trench: depth , width , total length , sq. feet
Bed: depth , length , width , sq. feet
Rock type , depth , under PVC , over PVC
Seepage Pits: # of pits , total # of rings , working depth(s)
size of pit(s) L X W , lining material , total sq. feet

Rockless Systems:
Chamber: Type INFILTRATORS, number of chambers 32, bed , trench
sq. ft./section 15.5 FT²/sec, reduction allowed 10%, sq. ft required 814 FT²
total sq. ft. installed ~827 FT² EQUIV, depth of installation 21"

Engineer Design Y or N, Designing Engineer
Approval letter provided? Y or N
Well 50 feet from tank or N 100 feet from leach field or N
Well installed at time of septic system inspection or N Public Water
*Approval will be revoked if in the future the well is found to be within 50 feet of the septic tank and/or 100 feet of the disposal field.

NOTES: SHARED WELL



Acres 37+

EL PASO COUNTY • DEPARTMENT OF HEALTH AND ENVIRONMENT

301 South Union Blvd. • Colorado Springs, Colorado • 578-3125

Water Supply well.

Permit 011275

PERMIT

TO CONSTRUCT, ALTER, REPAIR OR MODIFY ANY INDIVIDUAL SEWAGE DISPOSAL SYSTEM

Receipt No. 5/21/97 ac

Issued to RICHARD HOLMES

Date 5-20-97

Address of Property 16888 ELBERT ROAD, SW4, NW4, SW4, SEC: 22-T11S-R64W

Phone 749-2518

(Permit valid at this address only)

Sewage-Disposal System work to be performed by KUNAS DRILLING & AVENS

Phone 683-3720

This Permit is issued in accordance with 25-10-106 Colorado Revised Statutes 1973, as amended. PERMIT EXPIRES upon completion of installation of sewage-disposal system or at the end of twelve (12) months from date of issue—whichever occurs first—(unless work is in progress). This permit is revokable if all stated requirements are not met.

-THIS PERMIT DOES NOT DENOTE APPROVAL OF ZONING AND ACREAGE REQUIREMENTS-

\$150.00

PERMIT FEE (NOT REFUNDABLE)

5-20-98

DATE OF EXPIRATION

[Signature]

DIRECTOR, DEPARTMENT OF HEALTH AND ENVIRONMENT

[Signature] 5783128

ENVIRONMENTALIST

NOTE: LEAVE ENTIRE SEWAGE-DISPOSAL SYSTEM UNCOVERED FOR FINAL INSPECTION. 48 HOUR ADVANCE NOTICE REQUIRED.

SEPTIC TANK:	TRENCH SYSTEM:	BED SYSTEM:	SEEPAGE PIT SYSTEM:
1500	total square feet <u>814</u>		total square feet _____
gallons	_____ ft. of trench _____ inches wide	total square feet _____	_____ rings or _____ diam. x _____ w/d
	_____ ft. of trench _____ inches wide		

NOTES: System to be installed per regulations in area of parc. test. System per engineer, "Clay encountered at 6 feet in the profile hole." Also, "a minimum of 4 feet should be maintained between the clay and the absorption field."

The Health Office shall assume no responsibility in case of failure or inadequacy of a sewage-disposal system, beyond consulting in good faith with the property owner or representative. Free access to the property shall be authorized at reasonable time for the purpose of making such inspections as are necessary to determine compliance with requirements of this law.

AC

2 ref
dwellers

APPLICATION FOR A NEW, REMODEL, REPAIR, OR ADDITION

TO AN INDIVIDUAL SEWAGE DISPOSAL SYSTEM

Owner Richard Holmes Phone (719) 749-2518
Address of Property 16888 Elbert Road Lot Size 37 1/2 Ac Water Supply well
Peyton, CO 80831
Tax Sch # 41000-00-264 Septic Contractor & Phone # Kunau Drilling & Excavating (719) 683-3720
Legal Description SW4 NW4 NW4 SW4 S22 T11S R64W
Type of Building mobile Home Owner's Mailing Address 16888 Elbert Road, Peyton CO

MAXIMUM POTENTIAL BEDROOMS 4
Basement Y N Percolation Test Attached Y N Garbage Disposal Y N Clothes Washer Y N

I have supplied a plot plan as described on the back of this form. I acknowledge the completeness of the application is conditional upon such further mandatory and additional tests and reports as may be required by the Department to be made and furnished by a applicant for purposes of evaluating the application, and issuance of the permit is subject to such terms and conditions as deemed necessary to ensure compliance with rules and regulations adopted pursuant to C.R.S. 10-25-101 et. seq. I hereby certify all represented to be true and correct to the best of my knowledge and belief, and are designed to be relied on by the El Paso County Department of Health and Environment in evaluating the same for purposes of issuing the permit applied for herein. I further understand any falsification or misrepresentation may result in the denial of the application or revocation of any permit granted based upon said application and in legal action for perjury as provided by law.

OWNER'S SIGNATURE Richard Holmes Date 5/8/97

DEPARTMENT OF HEALTH USE ONLY

Absorption Area 814 Ft² Tank Capacity 1500 gallons Date of Site Inspection May 9, 1997

REMARKS: System to be installed per regulations in area of some test. System per engineer, "Clay encountered at 6 feet in the profile hole." Also, "a minimum of 4 feet should be maintained between the clay and the absorption field."

EHS INSPECTOR D. Wyslowski Date 5/9/97 APPROVED DENIED

PERMIT # 11275 FEE NO FEE DATE TO EPC PLANNING DEPT 5/9/97
5/13/97 approval

We require the ORIGINAL of your percolation (**PERC**) **TEST**.

The following information must be on your PLOT PLAN.

Property lines

Proposed septic system site

Well(s)

Building(s)

Water line

Subsoil drain(s)

Property dimensions

Designated alternate septic system site

Adjacent property well(s)

Proposed building(s)

Cistern

If any of these are within 100 feet of your proposed septic system
include on your plot plan

Spring(s)

Pond(s)

Dry Gulch(s)

Lake(s)

Stream(s)

Natural drainage course(s)

PROPERTY AND PERC HOLES MUST BE CLEARLY MARKED OR POSTED.

GIVE COMPLETE DIRECTIONS TO THE PROPERTY FROM A MAIN HIGHWAY

From Hwy 24 going east from Colorado Springs,
turn north on Elbert Road and go approx 6 miles.
House is on left (west) side of road.

Job No. 34280

April 25, 1997

Rick Holmes
16888 Elbert Road
Peyton, CO 80831



16888 Elbert Rd
4122090002

E
07-14-97

Re: Percolation Testing
16888 Elbert Road
El Paso County, CO

Gentlemen:

As required, personnel of RMG Engineers, Inc. have performed percolation testing at the above referenced site. This letter presents the results of our testing.

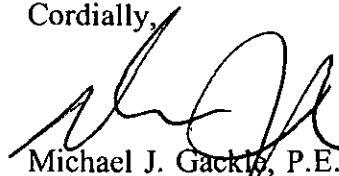
The percolation testing was performed on April 21 and 22, 1997. The locations of the percolation holes are shown in Figure 1. The soils encountered in the profile and percolation holes consisted of silty to clayey sand overlying sandy clay. No groundwater or bedrock was encountered in the profile hole which was drilled to 10 feet. Due to the lower percolation rate that is typical in clay soils, a minimum of 4 feet should be maintained between the clay and the absorption field. The clay was encountered at 6 feet in the profile hole. The percolation test results are shown in Figure 2.

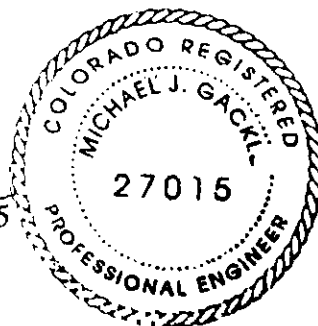
A percolation rate of 8 minutes per inch was measured. Percolation results indicate the field should be sized to 204 square feet per bedroom. The absorption field should be sized based on the number of bedrooms and anticipated usage.

The septic tank and absorption field should be designed and installed in accordance with El Paso County Health Department Regulation.

I hope this provides the information you requested. Should you have any questions, please do not hesitate to call.

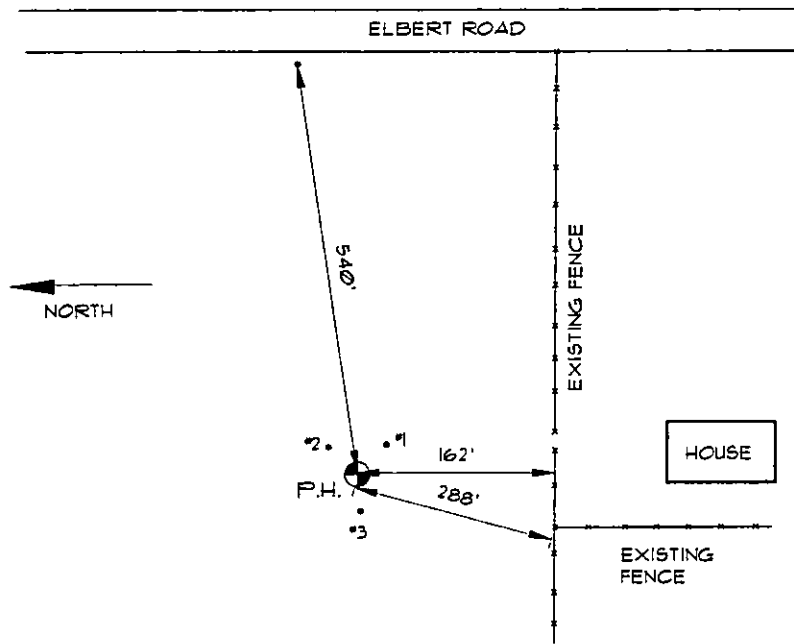
Cordially,


Michael J. Gackis, P.E. 27015



MJG/ma

TEST BORING No. P.H.	DEPTH (FT)	SYMBOL	SAMPLES	BLOWS PER FT.	WATER CONTENT %	SOIL TYPE	TEST BORING No.	DEPTH (FT)	SYMBOL	SAMPLES	BLOWS PER FT.	WATER CONTENT %	SOIL TYPE
DATE DRILLED: 4-21-97 REMARKS: PROFILE HOLE DRY 4-21-97							DATE DRILLED: REMARKS:						
SAND, SILTY TO CLAYEY BROWN, MEDIUM DENSE, MOIST, FINE TO COARSE	5	[diagonal lines]		41	8.5			5					
SAND, SILTY, YELLOW- GREEN, DENSE, MOIST, FINE TO COARSE		[dots]											
CLAY, SANDY, YELLOW- GREEN, HARD, MOIST, FINE TO MEDIUM SAND	10	[diagonal lines]		36	12.9			10					
	15							15					
	20							20					
	25							25					



RMG
ENGINEERS

5555 ERINDALE DRIVE
SUITE 205
COLORADO SPRINGS
COLORADO 80918
(719) 548-0600
FAX 548-0223

TEST BORING LOGS
AND
LOCATION DIAGRAM

JOB No. 34280

FIG No. 1

DATE: 4-25-97

Client: Rick Holmes

Test Location: 16888 Elbert Road, El Paso County, CO

Date Holes Prepared: 4-21-97

Date Holes Completed: 4-22-97

PERCOLATION HOLES

Hole No. 1

Hole No. 2

Hole No. 3

Depth: 26"

Depth: 28"

Depth: 26"

Trial	Time (Min.)	Water Level Change (In.)	Trial	Time (Min.)	Water Level Change (In.)	Trial	Time (Min.)	Water Level Change (In.)
1	10	2-1/2	1	10	2	1	10	1-1/2
2	10	2	2	10	2	2	10	1-1/4
3	10	1-1/4	3	10	1-1/2	3	10	1-1/4
4	10	1-1/4	4	10	1-1/2	4	10	1-1/4

Perc Rate (Min./In)	Perc Rate (Min./In.)	Perc Rate (Min./In)	Average Perc Rate (Min./In)
8	7	8	8

PROFILE HOLE

Date Test Boring Pit Completed: 4-21-97

Depth

0-3'
3'-6'
6'-10'

Visual Classification

Fine to coarse silty to clayey sand.
Fine to coarse silty sand.
Sandy clay.

Remarks

No groundwater or bedrock was encountered in profile hole.

Required area of absorption field: 0.91 Sq. Ft./gpd Sewage Volume

Required area of absorption field: 204 Sq. Ft./Bedroom

Required wall area for seepage pit: N/A Sq. Ft./Bedroom

Remarks:

A conventional absorption field may be placed at this location. A minimum of 4 feet should be maintained between the absorption field and the clay.

Observer: Tom Henderson

RMG Engineers, Inc.
5555 Erindale Drive, Suite 205
Colorado Springs, CO 80918

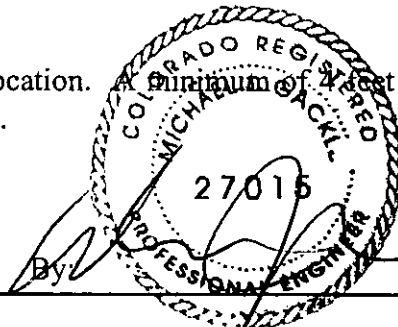
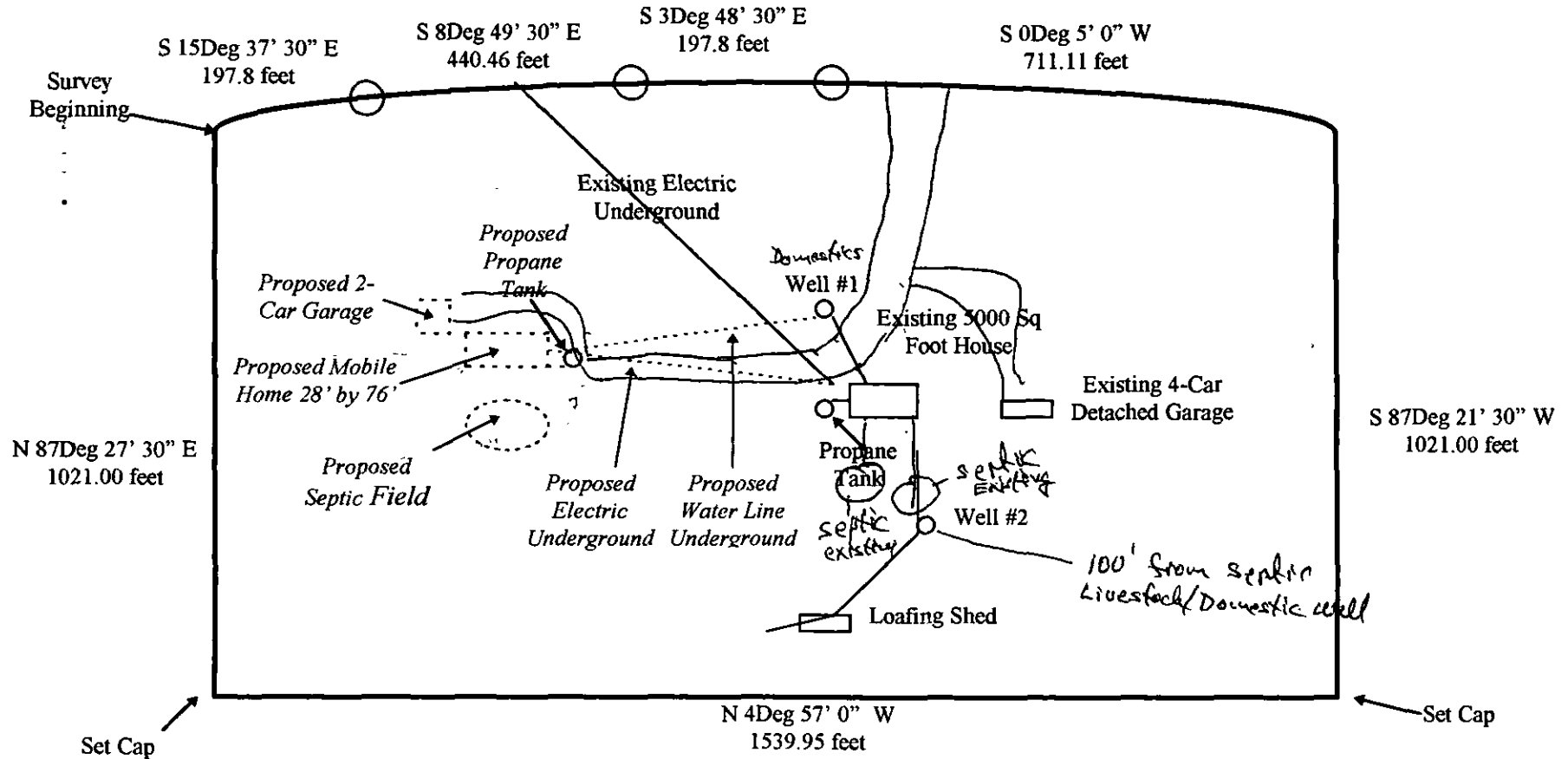


Figure #2
Job No. 34280

PLOT PLAN: 16888 Elbert Road, Peyton, CO 80831



The above tract of land in the S W 1/4 of the N W 1/4 and N W 1/4 of the S W 1/4 of Sec 22, T 11 S., R 64 W of the Sixth P.M. in El Paso County, Colorado, as described here in was surveyed under my direct supervision.

Beginning on the West R.O.W. of State Highway #217 Route of T.S. 182+82.7 (O.P.) Project #5-0061 (1)
 Thence, along West R.O.W. of State Highway #217 bearing South 15 degrees 37 minutes 30 seconds East a distance of 197.8 feet; thence bearing South 8 degrees 49 minutes 30 seconds a Cord. distance of arc. a distance of 440.46 feet; thence continuing along West R.O.W. of State Highway #217 bearing South 3 degrees 48 minutes 30 seconds East a distance of 197.8 feet; thence bearing South 0 degrees, 5 minutes 0 seconds West a distance of 711.11 feet; thence bearing South 87 degrees 21 minutes 30 seconds West a distance of 1021.00 feet; thence bearing North 4 degrees 57 minutes 0 seconds West a distance of 1539.95 feet; thence bearing North 87 degrees 21 minutes 30 seconds East a distance of 1021.00 feet to point of Beginning. The above describd tract contains 37.5 acres more or less.