

APPROVED: Yes X No Environmental Health Specialist: Elizabeth Walradt

Address 860 Hawk Dr., c/s 80930 Owner Lloyd Malone
Legal Description See Public Record Property Info (attached)
Residence X # Bedrooms 4 Commercial System Installer Denis Strain

SEPTIC TANK:
Commercial X Noncommercial Construction Material concrete Capacity Gallon 1500

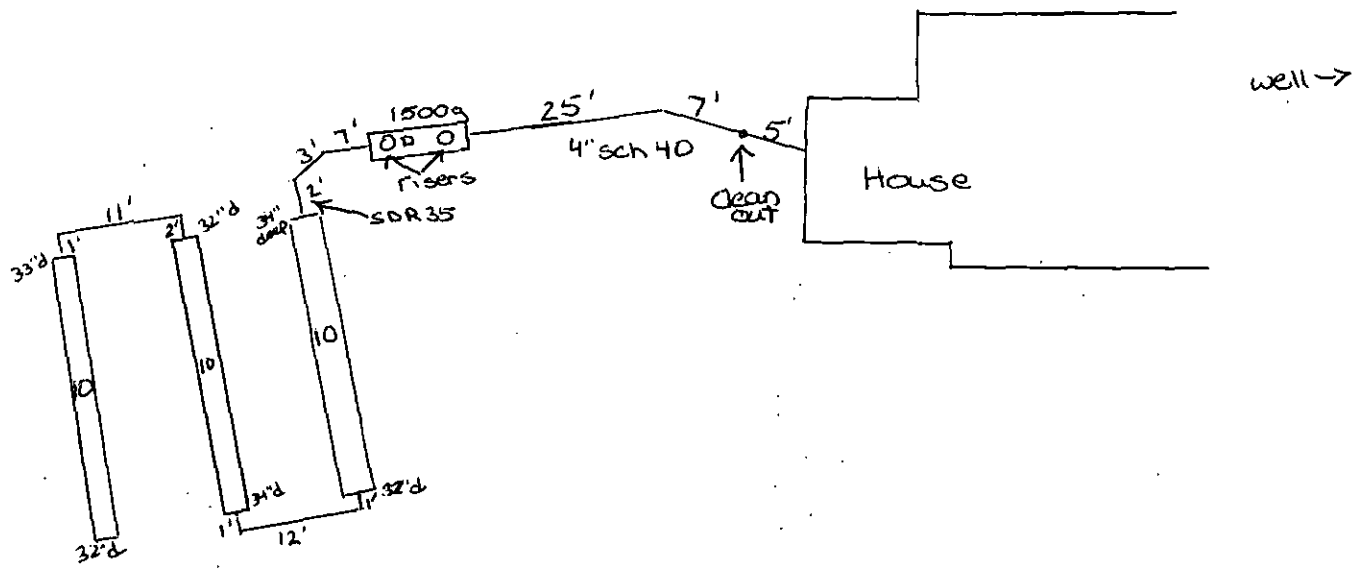
DISPOSAL FIELD:
Trench: Depth (Range) Width Total Length Sq. Ft.
Bed: Depth (Range) Length Width Sq. Ft.
Depth of Rock Under PVC Type of cover on Rock
DRYWELLS: # of Pits Rings (Pit 1) Rings (Pit 2) Working Depth #1 #2
Size (L x W) #1 #2 Total Sq. Ft.

ROCKLESS SYSTEMS:
Standard Chamber: Type Infiltrators #Chambers 30 Sq. Ft./Chamber 15.5 Bed Trench X
High Profile Units: Type Chamber #Chambers Sq. Ft./Chamber Bed Trench
Reduction Allowed 40 % Sq. Ft. Required 667 Depth (Range) 32"-34"
Sq. Ft. Installed Equivalent Sq. Ft. Installed with Reduction 775

Engineer Design: Y (N) Engineering Firm
Approval letter provided? Y N
Well installed at time of septic system inspection? (Y) 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: Old leach field was abandoned. old septic tank was pumped + filled with sand. Tank + leach field are sized for a 4 (four) bedroom.

Drawing not to scale.



EL PASO COUNTY
DEPARTMENT OF HEALTH AND ENVIRONMENT
301 S Union Blvd, Colorado Springs, Colorado 719-575-8636
INDIVIDUAL SEWAGE DISPOSAL SYSTEM PERMIT

OWNER NAME: LLOYD MALONE	PERMIT NUMBER: 1005
ADDRESS: 860 HAWK DR	
CITY, STATE, ZIP: COLO SPGS, CO 80930	DATE PERMITTED: 04/04/2008
INSTALLED BY:	PHONE NUMBER: 719- 575-8635 ⁴⁹¹⁻⁶³²⁵

This permit is issued in accordance with 25-10-207 Colorado Revised Statutes. PERMIT EXPIRES upon completion-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). If both a building and an ISDS permit are issued for the same property and revokable if all stated requirements are not met. Sewage disposal system to be installed by an El Paso County Licensed System Contractor or the property owner.

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

DIRECTOR, EL PASO COUNTY DEPARTMENT OF HEALTH AND ENVIRONMENT

PERMIT EXPIRATION DATE:
Expires twelve months from date of issue


BRAD WALLACE 578-3127
ENVIRONMENTALIST/PHONE NUMBER*

WATER SOURCE: Well or Spring

MINIMUM SEPTIC TANK SIZE:	1500	GALLONS	MINIMUM ABSORPTION AREA REQUIRED	667	SQ FT
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PLANNING DEPARTMENT	NA <input type="checkbox"/>	ENUMERATION <input type="checkbox"/>	NA <input type="checkbox"/>	FLOOD PLAN <input type="checkbox"/>	NA <input type="checkbox"/>	WASTEWATER <input type="checkbox"/>	NA <input type="checkbox"/>
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COMMENTS:

* FOR INSPECTIONS CALL 575-8699 BEFORE 8:30 A.M. OF THE DAY TO BE INSPECTED.
(WEEKENDS & HOLIDAYS EXCLUDED)
LEAVE THE ENTIRE SEWAGE DISPOSAL SYSTEM UNCOVERED FOR FINAL INSPECTION

INSTALL LEACH IN AREA OF PERC TEST. MAXIMUM DEPTH OF LEACH FIELD IS 48 INCHES BELOW NATIVE GROUND SURFACE. LEACH FIELD MUST NOT BE COMPACTED BY VEHICLES OR LIVESTOCK. DRAINAGE FROM HOUSE MUST NOT FLOW INTO LEACH FIELD AREA. LEACH FIELD MUST BE AT LEAST 100 FEET FROM WELL AND 25 FEET FROM ANY WATER LINE.

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.

FOR ADMINISTRATOR USE ONLY

Permit Ready: _____	Called <u>4/8/08</u>	Mailed <u>See. Flew</u>	
Final Inspection Requested:	BY: <u>Dennis Strain</u>	Date Called In: <u>5-19-08</u>	
	Phone # <u>499-8132</u>	Septic Site will be ready: <u>NOW</u>	

Dennis Strain - Triples - 499-8132

COPY

**EL PASO COUNTY DEPARTMENT OF HEALTH & ENVIRONMENT**

301 South Union Boulevard • Colorado Springs, CO • 80910-3123 •

(719) 575-8635 • Fax: (719) 578-3188

Record I.D. 1005 4/4/08***ALL PAYMENTS ARE DUE AT TIME OF SUBMITTAL IN CASH, CHECK, or MAJOR CREDIT CARD****APPLICATION FOR AN ONSITE WASTEWATER SYSTEM PERMIT**☐ NEW PERMIT☐ MINOR REPAIR PERMIT☒ MAJOR REPAIR PERMITOwner Lloyd W MaloneDaytime Phone 491 6325Address of Property 860 Hawk DriveCity & Zip CS, CO 80930-9432Legal Description see attachedOwner's MAILING Address 4875 N BaggettCity, State & Zip Colorado CO 80408Lot Size 10 AcresTax Schedule # 4411000033Type of Building: ☒ Frame ☐ Modular ☐ Mobile ☐ Commercial ☐ Manufactured ☐ OtherWater Supply: ☒ Well or Spring ☐ Cistern ☐ Public Inside City Limits: ☐ No ☐ Yes-City☒ MAIL PERMIT - OR - ☐ PICK UP PERMIT ☐ FAX - FAX TO AND #MAXIMUM POTENTIAL NUMBER OF BEDROOMS 4Percolation Test Attached ☒ N Basement ☒ N Garbage Disposal Y ☒ Clothes Washer ☒ 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 an 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. 25-10-107 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/OWNER'S AGENT SIGNATURE Lloyd W MaloneDate 4/3/08

You will be notified by telephone when your permit is ready for pick up. Please allow a minimum of 10 days for new septic.

DEPARTMENT OF HEALTH USE ONLY1,500 Gallons

Minimum Tank Capacity

667

Minimum Absorption Area

4-4-08

Date of Site Inspection

REMARKS Install leach in area of perc test. Maximum depth of leach field is 48" below native ground surface. Leach field must not be compacted by vehicles or livestock. Drainage from house must not flow into leach field area. Leach field must be at least 100' from well and 25' from any water line.

EHS INSPECTOR Brian WallenDATE 4-4-08APPROVED

DENIED

CURRENT FEES AS APPROVED BY EL PASO COUNTY BOARD OF HEALTH

New Permit: \$304.50 EPCDHE costs + \$23.00 State Surcharge + \$140.00 EPC Planning Surcharge = \$467.50

Major repair permit: \$316.00

DATE TO LAND DEVELOPMENT/WASTEWATER:

Minor repair permit: \$131.00

DATE TO FLOODPLAIN/ENUMERATIONS:

PLEASE COMPLETE THE BACK OF THIS FORM

RECEIVED
4/3/08
4:30 PM

- 2.20.2008=

#4411000033

05/19/2008

860 Hawk Drive
El Paso County, Colorado
3/23/2008

PERCOLATION TEST FINDINGS

The following report details the findings of a percolation test performed March 22, 2008 at the address noted on each page of this report. This existing residence with a failed septic system is not on or near a public sewer system; therefore a septic system is required. A private well is not known to exist within 100 feet of the proposed septic system. Due to the natural slope of the property and planned excavations the leach field will be gravity fed.

Three test holes were dug. These three holes had approximately 10 inches of water placed in them between 8 and 24 hours before the timed percolation test was performed. For the timed percolation test, the holes were filled to the bottom 25% of the hole and allowed to drain while measurements were taken every ten minutes of the test. The field data and results of the percolation test are as follows:

Profile Description					
0 - 96" Medium Coarse Sand, Silt (12 blows for 12 inches @ 4', collapse at 8')					
Bedrock Below 8', Groundwater below 8'					
Timed Percolation Test					
Time Interval (min.)	P-1	P-2	P-3	P-4	P-5
30	Presoak	Presoak	Presoak		
10	1.5"	1.5"	1.5"		
10	1.5"	1.5"	1.5"		
Average For Each Hole	6.7	6.7	6.7		
Total Average	6.7 minutes per inch				

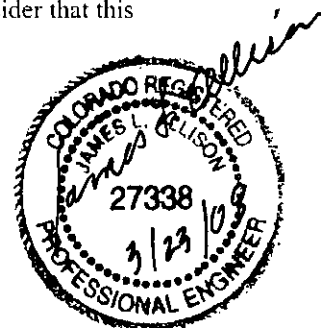
The rate of percolation for the three holes was found to be 6.7 minutes per inch at a depth of 48". Percolation rates change with time and use. This is especially true in silty soils such as at this location. The best assurance for a long service life is introduction of only biodegradable materials, removal of solids each two years, and over capacity at time of installation. Installation of a new system should consider that this property will be a rental unit.

If we can address any questions please contact us on one of our numbers noted below.

Sincerely

Allison Engineering, Inc.

James L. Allison, Ph.D., P.E.



Percolation Test Performed At

**860 Hawk Drive
El Paso County, Colorado**

Performed and Prepared By

**Allison Engineering, Inc.
4245 Log Road
Peyton, Colorado
(719) 331-6538 PCS
(719) 683-5547 FAX**

Public Record Property Information

Database Updated: 04/02/2008 Today: Thursday, April 03, 2008 Time: 4:16:22 PM

Personal Information

Schedule No: 4411000033

Owner Name: MALONE LLOYD W

Location: 860 HAWK DR

Mailing Address: 4875 N BAGGETT RD
CALHAN CO 80808-8801

Previous Parcel

Replaced Parcel

Legal Description

TRACT IN S2 SEC 11-14-64 AS FOLS, COM AT E4 COR OF SD
SEC, TH S 0<31' E ON E LN 585.33 FT, S 89<57' W ON N
BDRY LN OF TOY RANCHES SUB 1 FOR 1710 FT, S 0<31' E ON
WLY BDRY OF SD SUB 330.0 FT FOR POB, CONT ON LAST
COURSE 330.0 FT, S 89<57' W 660.0 FT,
N 0<31' W 330.0 FT, TH N 89<57' 660.0 FT TO POB, TOG W/
TRACT IN S2 SEC 11-14-64 AS FOLS, COM AT E4 COR OF SD
SEC, TH S 0<31' E ON E LN 585.33 FT, S 89<57' W ON N
BDRY LN OF TOY RANCHES SUB 1 FOR 1710.0 FT FOR POB, TH
CONT S 89<57' W 660.0 FT, S 0<31' E 330.0 FT,
N 89<57' E 660.0 FT, TH N 0<31' W 330.0 FT TO POB

Market Information (2007Values)

Levy Year: 2007 Mill Levy: 62.822 Exempt Status: Not Exempt

Table	Use Code	2007 Market Value	2007 Assessed Value	Exempt
Land	SINGLE FAMILY RES.	\$81,000	\$6,450	
Land	WELL AND SEPTIC	\$5,000	\$400	
Imp	FRAME AVERAGE QUALITY	\$79,821	\$6,350	
Imp	Sheds/Misc	\$123	\$10	
	Total Value	\$165,944	\$13,210	

Tax Entity and Levy Information

(District: KB4)

Taxing Entity	Contact Name	Contact Phone
EL PASO COUNTY	COUNTY OFFICE BUILDING	(719) 520-6498
EPC ROAD & BRIDGE (UNSHARED)		(719) 520-6498
ELLICOTT SCHOOL DISTRICT NO 22	TERRY EBERT	(719) 683-2760
PIKES PEAK LIBRARY	MIKE VARNETT	(719) 531-6333
ELLICOTT FIRE DISTRICT	EDWARD CORN	(719) 338-0884
UPPER BLK.SQUIRREL CRK.GRD.WATER	TRACY DORAN	(719) 347-0704
ELLICOTT REC METRO.DIST.	GEORGIA MCREA	(719) 683-4190
EL PASO COUNTY CONSERVATION DIST	SHELLI MADER	(719) 473-7104

Sale Information

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Seq #	Sale Date	Sale Price	Sale Type
1	11/15/2007	\$0	
2	11/15/2007	\$0	
3	11/15/2007	\$0	

Land Information

Seq #	Use	Exempt	Area
1	SINGLE FAMILY RES.		10 acres
2	WELL AND SEPTIC		0

Residential Information

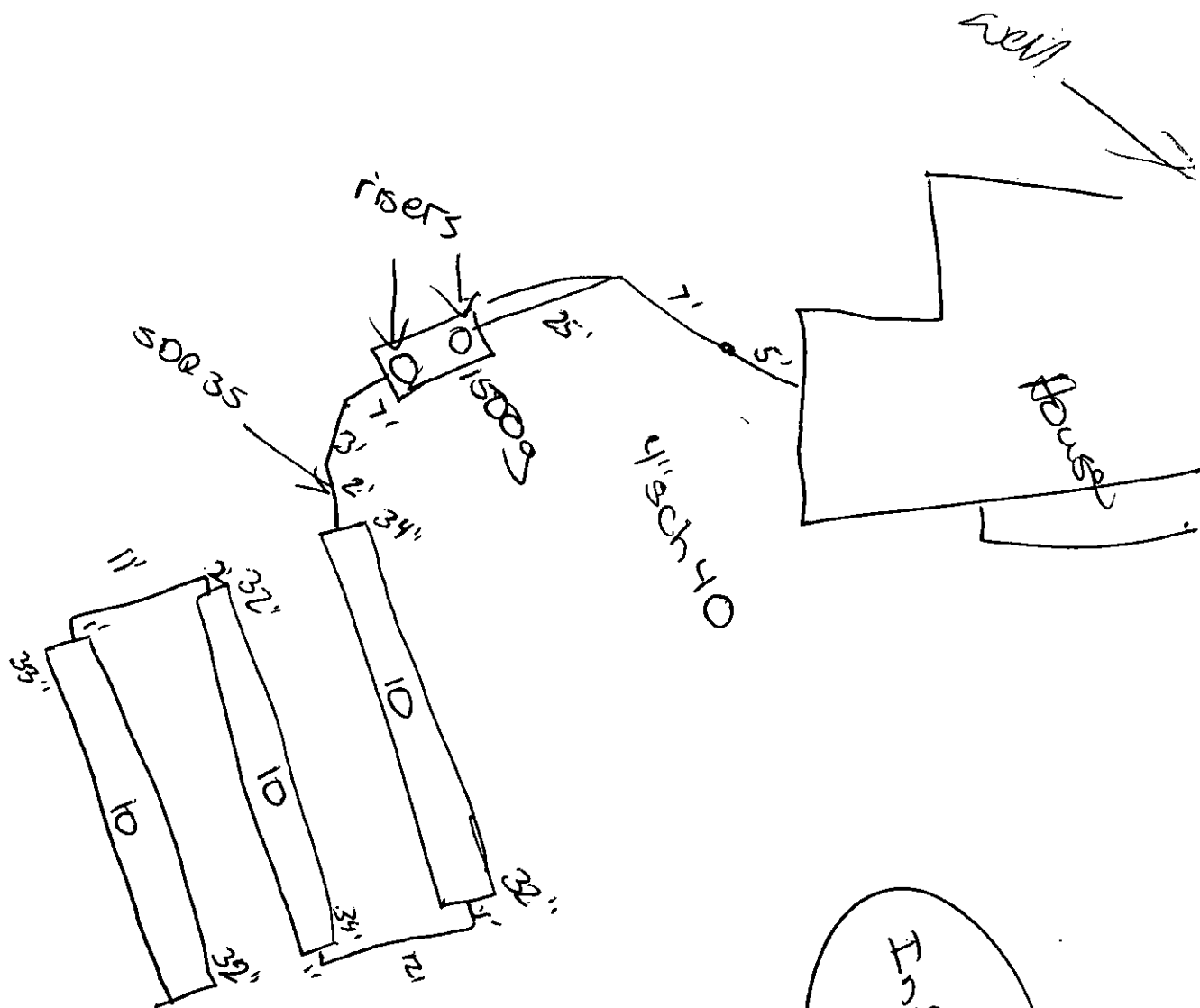
Bldg #	Year Built	Style	Total Above Grade Area
1	1969	BI LEVEL	1,030

Commercial Information

Bldg #	Admin Code	Year Built	Neigh #	Area
1	Sheds/Miscl	1975	99	260

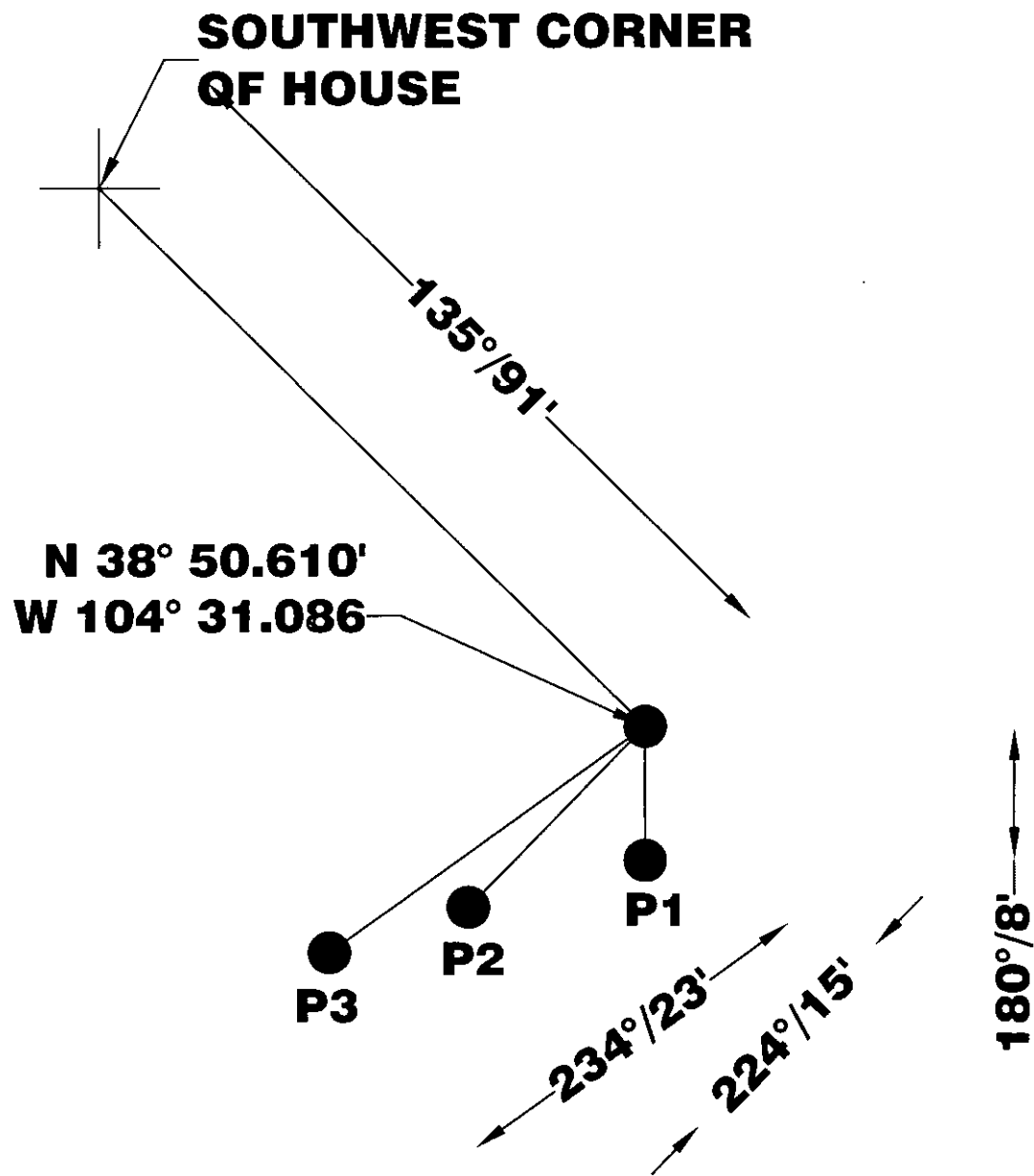
5/19/08.

- ① no
- ② well
- ③ pipe
- ④ tank 1500g
- ⑤ units
- ⑥ depth 48"
- ⑦ A → 667



30
Infiltrator's
Trench
715 ft

2 →



MAP

ALLISON ENGINEERING, INC.
4245 Log Road, Peyton, Colorado 80831

(719) 331-6538 (PCS)
(719) 683-5547 (FAX)

March 22, 2008
860 Hawk Drive
El Paso County, CO