

Tri-County Health Department

Serving Adams, Arapahoe and Douglas Counties

Hugh Rohrer, M.D., M.P.H.
Director

ENVIRONMENTAL HEALTH DIVISION PERMIT NO. 7-96-192

PERMIT TO CONSTRUCT AN INDIVIDUAL SEWAGE DISPOSAL SYSTEM

OWNER: COUNTRYSIDE BUILDERS

LOCATION: 1653 GORE DRIVE

COMPOSED OF 1,000 GALLON SEPTIC TANKS AND ABSORPTION AREA OF
1350 SQUARE FEET

*IF AN INFILTRATER FIELD IS INSTALLED, IT MUST BE 810 SQ.
FT.: 53 INFILTRATER UNITS.

A PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF
ISSUANCE UNLESS EXTENDED TO A FIXED DATE UPON REQUEST BY THE
APPLICANT AND APPROVAL BY TRI-COUNTY HEALTH DEPARTMENT. A
PERMIT TO REMODEL EXPIRES TWO WEEKS FROM THE DATE OF
ISSUANCE.

THIS PERMIT EXPIRES ON JUNE 20, 1997.

NOTE: Construction requirements and special conditions relative
to this permit are presented on the accompanying application.
This permit shall not be valid unless a copy of the application
is attached to it.

ISSUED BY John Kleckner OF TRI-COUNTY HEALTH
DEPARTMENT ON JUNE 20, 1996.

OWNER MUST MAKE SURE THAT THIS ENTIRE WASTE DISPOSAL SYSTEM
REMAINS OPEN FOR INSPECTION UNTIL IT HAS RECEIVED APPROVAL BY
TRI-COUNTY HEALTH DEPARTMENT. TRI-COUNTY HEALTH DEPARTMENT
CANNOT ASSUME RESPONSIBILITY IN CASE OF FAILURE OR INADEQUACY OF
A WASTE DISPOSAL SYSTEM BEYOND CONSULTING IN GOOD FAITH WITH THE
PROPERTY OWNER.

PERMIT FEE OF \$150 CHECK #1777

RECEIVED BY B.DUTTON ON 06-14-96

() Owner Copy () Bldg. Dept. Copy () Installer Copy () H.D.



Tri-County Health Department
Serving Adams, Arapahoe and Douglas Counties

Permit # 7-96-192
Date Paid: 6-14-96
Check # 1777
Rec'd By: ba

Application Fee: \$150

APPLICATION TO:
☒ **INSTALL** ☐ **REPAIR** ☐ **EXPAND**
AN INDIVIDUAL SEWAGE DISPOSAL SYSTEM

000 167941

To Be Completed By Applicant - Please Type or Print Clearly

Address/Legal Description of Property Served by Proposed System: 1653 GORE DRIVE
"STEERING POINT" SAGEPORT LOT Filing # 4
City and Zip Code: LARKSPUR CO 80118

Property Owner <u>Countryside Builders</u>	Applicant <u>SAME</u>
Address <u>8063 LA VETA Rd. Drive</u>	Address _____
City <u>LARKSPUR</u> State <u>CO</u>	City _____ State _____
Zip <u>80118</u> Phone <u>(303) 681-2973</u>	Zip _____ Phone (____) _____
Installer <u>WIND RIVER Plumbing</u>	Design Engineer _____
License # _____ Phone (____) <u>660-0944</u>	Job # _____ Phone (____) _____

Proposed Facility:
Facility Type: ☒ Single Family Residence ☐ Other _____ Lot Size _____

Source/Type of Water Supply: ☐ On Site Well ☒ Community ☐ Other _____

If supplied by community water, give name of supplier: PERRY PARK WATER

General Information:
Number of bedrooms: 2 *Size for 3* Basement: ☒ Full ☐ Walkout Basement Plumbed? ☒ Yes ☐ No

Are Additional Bedrooms Planned? ☐ Yes ☒ No Is this property within 400 feet of a sewer line? NO

If so, will that sewage district provide service? _____ (attach letter from sewage district)

Is lot marked and are percolation holes staked? YES

I the undersigned hereby certify that all information and data provided is correct and true to the best of my knowledge. I agree that the construction of this individual sewage disposal system will comply with Tri-County Health Department's Regulation I-88 and all other applicable laws and regulations.

David Anglin 6-14-96
Applicant's Signature Date

☐ Commerce City
4301 E. 72nd Ave.
Commerce City, CO 80022
288-6816

☐ Aurora
15400 E. 14th Pl.
Suite 309
Aurora, CO 80011
341-9370

☐ Castle Rock
413 Wilcox St.
Castle Rock, CO 80104
688-5145

☐ Englewood
4857 S. Broadway
Englewood, CO 80110
761-1340

☐ Northglenn
10190 Bannock St.
Suite 100
Northglenn, CO 80221
452-9547

For Department Use Only
Design Installation Requirements

All applicable design/installation requirements of Regulation 1-88 shall be complied with in the installation of this system

System designed for: _____ gallons per day and/or 3 bedrooms

Soils data: (See attached Percolation Test and Soil Data Form)

Average percolation rate: 33 (minutes per inch) Depth to groundwater: > 10'

Depth to bedrock: > 10' Ground slope: 4 % to NW

Type of disposal area proposed: Standard Tank & Field

Minimum size tank: 1000 gallons Minimum disposal area (bed): 1350 square feet

Engineer design required? no Minimum disposal area (trench): 1080 square feet

Maximum depth of disposal area: 3' (not to exceed depth of percolation test holes)

Minimum depth of installed rock: 12

Special Permit Conditions: If an infiltrator field is installed it
must be 810 sq. ft. : 53 infiltrator units

Design engineer inspection of the completed system required? N/A

Site approved by: John Kleckner Date: 6-20-86

Application reviewed and approved by: John Kleckner Date: 6-20-86

Site Visit Comments: 6-18-86 Looked at Observation Hole dug by
Wind River. Hole matched profile Hole.

Final Inspection

Inspection Date(s): 9-21-86

Septic Tank Size (as built): 1250 gallons

Disposal Area Type: Chamber field Size (as built): 54 units
810 square feet

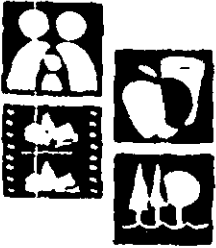
Depth At Deepest Point: 3'

Comments: _____

9-21-86

Date Of Final Approval

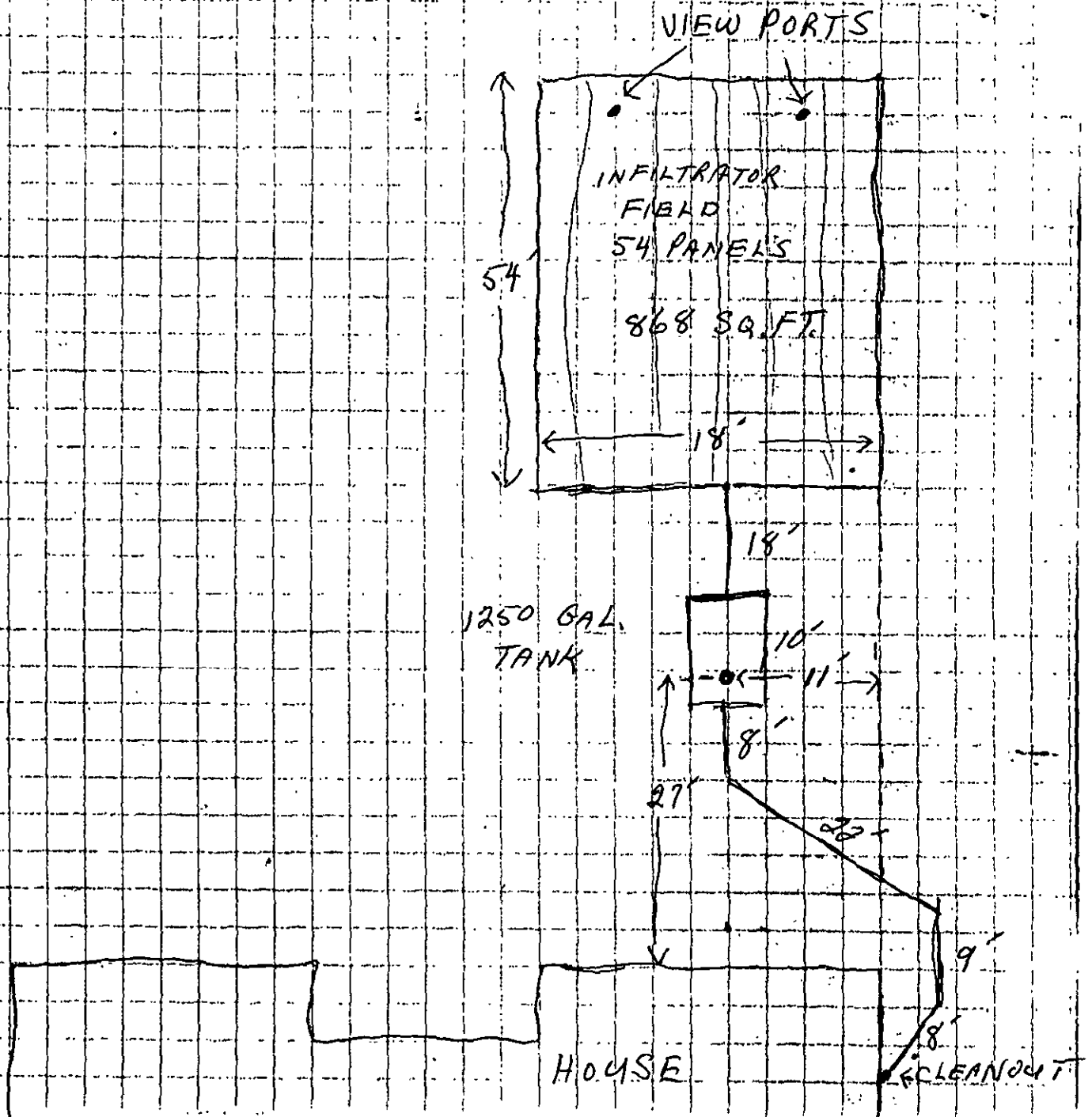
John Kleckner
Environmental Health Specialist

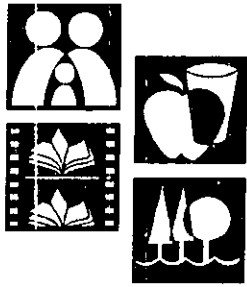


Onsite System
As-Built
Drawing



Property Address 1653 GORE DR.
Permit # 7-96-192
Date System Completed 9-20-96
Installer's Name WIND RIVER PLBG
Installer's License # 96-000076
Installer's Address and Phone
543 S. GILBERT ST.
CASTLE ROCK 660094





Tri-County Health Department

Serving Adams, Arapahoe and Douglas Counties

Richard L. Vogt, M.D.
Executive Director

December 20, 2004

Mr. William J. Plichta
1653 Gore Drive
Larkspur, CO 80118

RE: Individual Sewage Disposal System serving 1653 Gore Drive, Larkspur, CO 80118

Dear Mr. Plichta:

Due to the proposed addition of the residence located at the above referenced address, the Douglas County Building Department has requested that this office evaluate the size of the existing septic system.

This system was originally sized for a three-bedroom home. The new addition includes adding one bedroom. The home presently has two bedrooms. The existing leachfield is for three bedrooms. We will not require a new system be installed or the existing system be expanded.

However, should the system malfunction, this Department will require a new individual sewage disposal system be installed. The system must also be updated to the number of existing bedrooms and according to the regulations in effect at that time.

The owner must also realize that should the property sell or be refinanced, this Department would have to state to the lender that this system is undersized for the amount of bedrooms existing in the home. This type of statement on a loan inspection may negate a loan approval.

If you have any questions, please contact this office at (303) 663-7650.

Sincerely,

Donald K. Russell
Environmental Health Specialist

cc: Douglas County Building Department

Original sized
for 3 bedrooms.
With an added
bedroom they still
have only 3 bedrooms
letter saying okay.

TO: Tri-County Health Department
FROM: William J. Plichta
ADDRESS: 1653 Gore Drive, Larkspur CO 80118
PHONE: 303 / 681 - 3961
DATE: December 16, 2004
SUBJECT: Basement Finish Approval Letter, Septic System

I am in the planning phase of finishing my basement and am requesting an approval letter for the existing septic system. The following additions are planned:

1. A recreation area with a wet bar.
2. One bedroom (approximately 11' X 15')
3. A ¾ bathroom.

The existing upper level has two bedrooms, one study and 2 ½ bathrooms.

Bill Plichta**1653 Gore Drive, Larkspur CO 80118****Phone 303/681-3961****Fax 303/681-3961**

Send to: Tri-County Health Department	From:
Attention:	Date: 12 / 16 / 04
Office Location: 101 Third, Castle Rock CO	Office Location:
Fax Number: 303/688-8870	Phone Number:

- ☐ Urgent
- ☐ Reply ASAP
- ☐ Please comment
- ☐ Please Review
- ☐ For your Information

Total pages, including cover: 2**Comments:****Basement Finish Approval Letter**

Perry Park
Water
And



Sanitation District

5676 West Red Rock Drive
Larkspur, Colorado 80118

TELEPHONE: 681-2050
FAX: 681-2051

June 14, 1996

Mr. Gary Hartzell
Tri-County Health Department
413 Wilcox Street
Castle Rock, CO 80104

Dear Gary:

Presently the Perry Park Water and Sanitation District has central water service available, but no sewer service, to Lot 27, Sage Port Filing #4, (Sterling Pointe) located on 1653 Gore Drive.

The District gives permission for this lot owner to apply to Tri County Health for a septic system. Should the sewer service ever come within 400 feet of the customer's nearest lot corner or property line, the customer will be required to disconnect his septic system and connect to the District's central sewer system according to CRS 32-1-1006. At that time, the customer will be required to pay the appropriate tap fees for connection and hire a District approved service line installer to make the connection.

If you have any questions, please call me.

Sincerely,

Beverly E. Carson
Administrative Manager



Tri-County Health Department
Percolation Test and Soils Data Form

Property address 1653 GORE DR D.C.

Legal description LOT 27, FIL. 4 STORLING POINTE

Property Owner:

Name COUNTRYSIDE BUILDERS, INC.

Address 8063 LAVETA RD., LARKSPUR, CO. 80118

Phone 681-2973

Note:

- Percolation Test Form, Site Plan and Grain Size Distribution Curve of the Sample must be submitted with this form.
- For all Lots <5 acres the site plan must include the entire lot. Test locations must be accurately tied to lot corners or other permanent markers.

Saturation and Swelling

- Smear surfaces removed: X Yes No
- Sand or gravel added: Yes X No
- Date and time presat water added:
6-5-96 3:00
- Amount of presat water added (gallons):
5
- Date and time percolation test is started:
6-6-96 3:05
- Did water remain in hole after the overnight swelling period:
Hole 1 Yes X No
Hole 2 Yes X No
Hole 3 Yes X No

Percolation Rate Measurement

Percolation Rate (min./in.)	Hole 1 <u>40</u>
	Hole 2 <u>40</u>
	Hole 3 <u>20</u>

Average 33

SITE "A"

Groundwater:

- Encountered @ feet.
- Estimated depth to maximum seasonal water table if not encountered in profile: 10' +
- Is area believed to be subject to seasonal fluctuations which could result in a seasonal water table within 3' of surface?
 Yes X No

Slope determination in absorption area: 4 % to the NN (direction)

Bedrock:

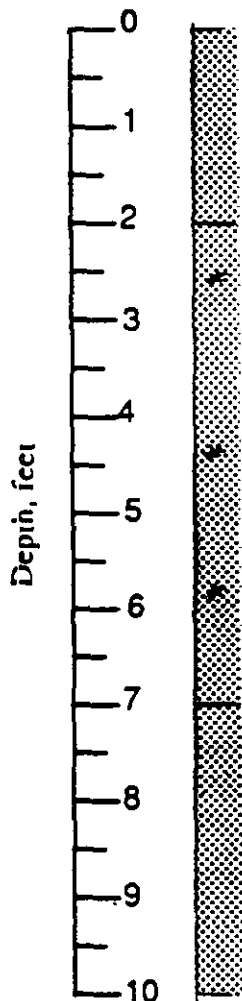
- Encountered @ feet.
- Estimated depth if not encountered in profile: 10' +
- Type of bedrock: Sandstone
 Claystone Siltstone
 Other
- Is bedrock fractured or weathered?
 Yes No
- Is bedrock believed to be permeable? (Perc rate <50 min./in.)
 Yes No

Profile Hole Information (Cont.)

(Soils must be classified using Unified System ASTM D2487)

Profile Hole Log

SITE "A"



SAND: CLAYGY, MOIST, DK. BROWN

SAND: CLAYGY, SOME GRAVEL, MOIST, BROWN, (SC)

SAND: CLAYGY, SLIGHTLY MOIST, LT. BWN. (SC)

Certification

I certify that the above information is correct and complete to the best of my knowledge and that all tests were performed in accordance with the provisions of Tri-County Health Department Regulation I-88 by myself or under my supervision.

Throne R. Carter

Original Signature

6/7/96

Date

Colorado Soil

Company Name

113 Wilcox St. C.R.

Address

688-9475

Phone

96-327A

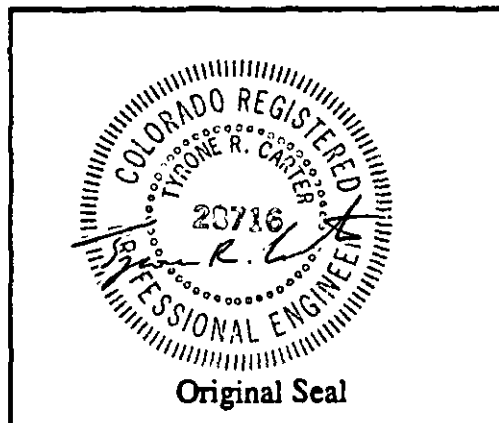
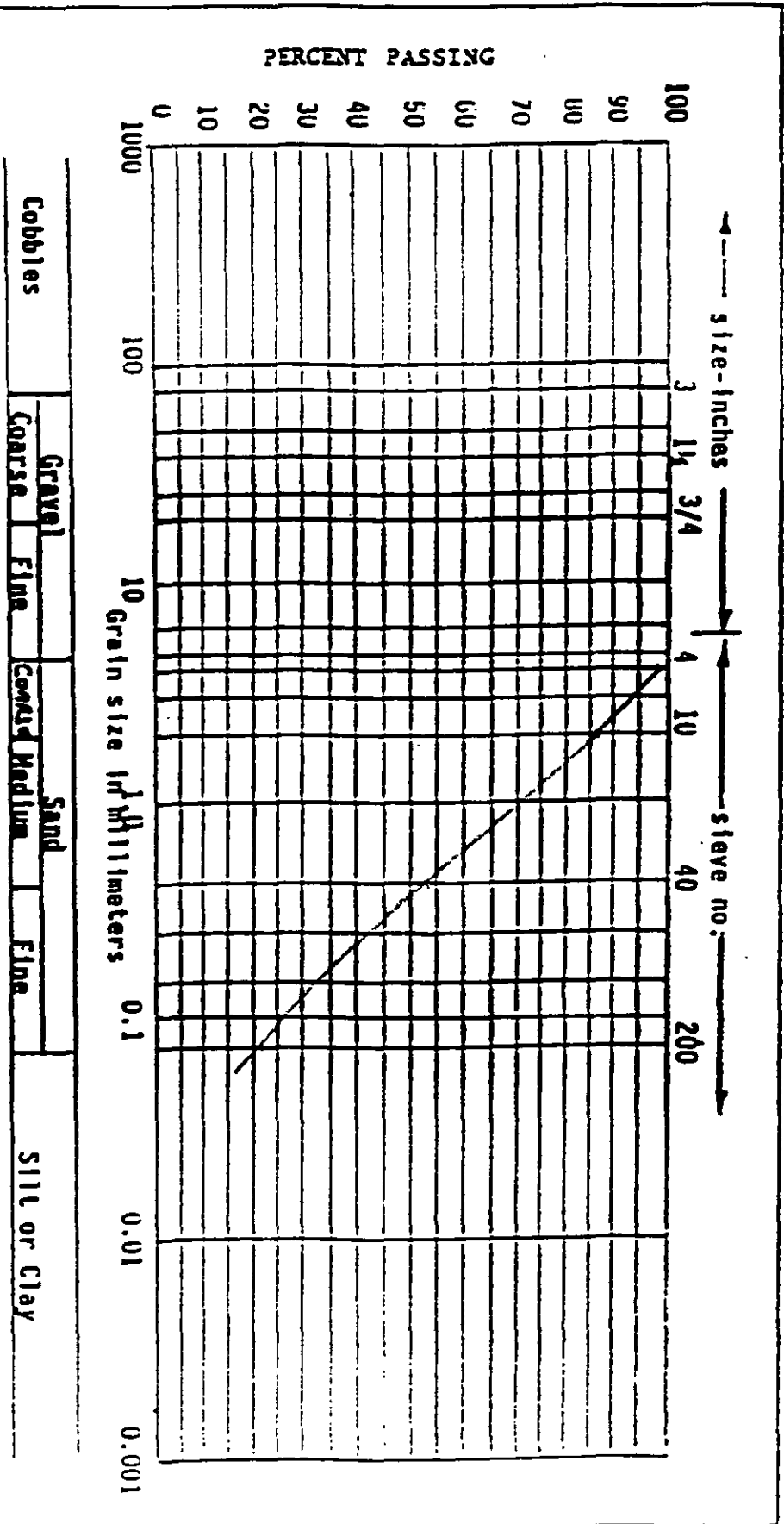




Figure 1

U S STANDARD SIEVE SIZE



NAME: *COUNTY Side Buildings*
 REPORT NO. *96-327A*
 S.P.H. *2'-7' SITE "A"*



TRI-COUNTY HEALTH DEPARTMENT

Percolation Test Result Form

Hole No.	Hole Depth (in.)	Length of Interval (min.)	Water Depth @ Start of Interval (in.)	Water Depth @ End of Interval (in.)	Drop in Water Level (in.)	Percolation Rate @ Final Interval (min./in.)
1	46	30	37 ³ / ₄	41 ¹ / ₈	3 ³ / ₈	
		30	41 ¹ / ₈	42 ³ / ₄	1 ⁵ / ₈	
		30	42 ³ / ₄	44 ¹ / ₄	1 ¹ / ₂	
		30	44 ¹ / ₄	45 ⁵ / ₈	1 ³ / ₈	
		30	45 ⁵ / ₈	—	Empty	
		30	38 ¹ / ₄	39 ³ / ₄	1 ¹ / ₂	
		30	39 ³ / ₄	40 ¹ / ₂	3 ¹ / ₄	40
		30	40 ¹ / ₂	41 ⁵ / ₈	1 ¹ / ₈	

*Field Notes shall be recorded on this form or in this format; typed copies of field records may be submitted on this form.

*A four hour test must be conducted unless (a) water remains in the hole after the presoak in which case one 30 min. interval is sufficient, (b) the first 6" of water seeps away in <30 minutes in which case a one-hour test of 6 - 10 minute time intervals may be used, (c) the test is being conducted in sand in which case a one-hour test of 6 - 10 minute time intervals may be used, (d) three successive water level drops do not vary by more than 1/16 inch in which case a two hour test may be conducted.



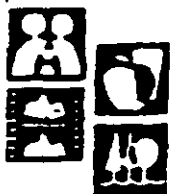
TRI-COUNTY HEALTH DEPARTMENT

Percolation Test Result Form

Hole No.	Hole Depth (in.)	Length of Interval (min.)	Water Depth @ Start of Interval (in.)	Water Depth @ End of Interval (in.)	Drop In Water Level (in.)	Percolation Rate @ Final Interval (min./in.)
2	SE	30	50	52	2	
		30	52	53	1	
		30	53	54 1/4	1 1/4	
		30	54 1/4	55 1/4	1	
		30	55 1/4	56 1/8	7/8	
		30	56 1/8	56 7/8	3/4	40
		30	56 7/8	—	0m PE	

*Field Notes shall be recorded on this form or in this format; typed copies of field records may be submitted on this form.

*A four hour test must be conducted unless (a) water remains in the hole after the presoak in which case one 30 min. interval is sufficient, (b) the first 6" of water seeps away in <30 minutes in which case a one-hour test of 6 - 10 minute time intervals may be used, (c) the test is being conducted in sand in which case a one-hour test of 6 - 10 minute time intervals may be used, (d) three successive water level drops do not vary by more than 1/16 inch in which case a two hour test may be conducted.



TRI-COUNTY HEALTH DEPARTMENT Percolation Test Result Form

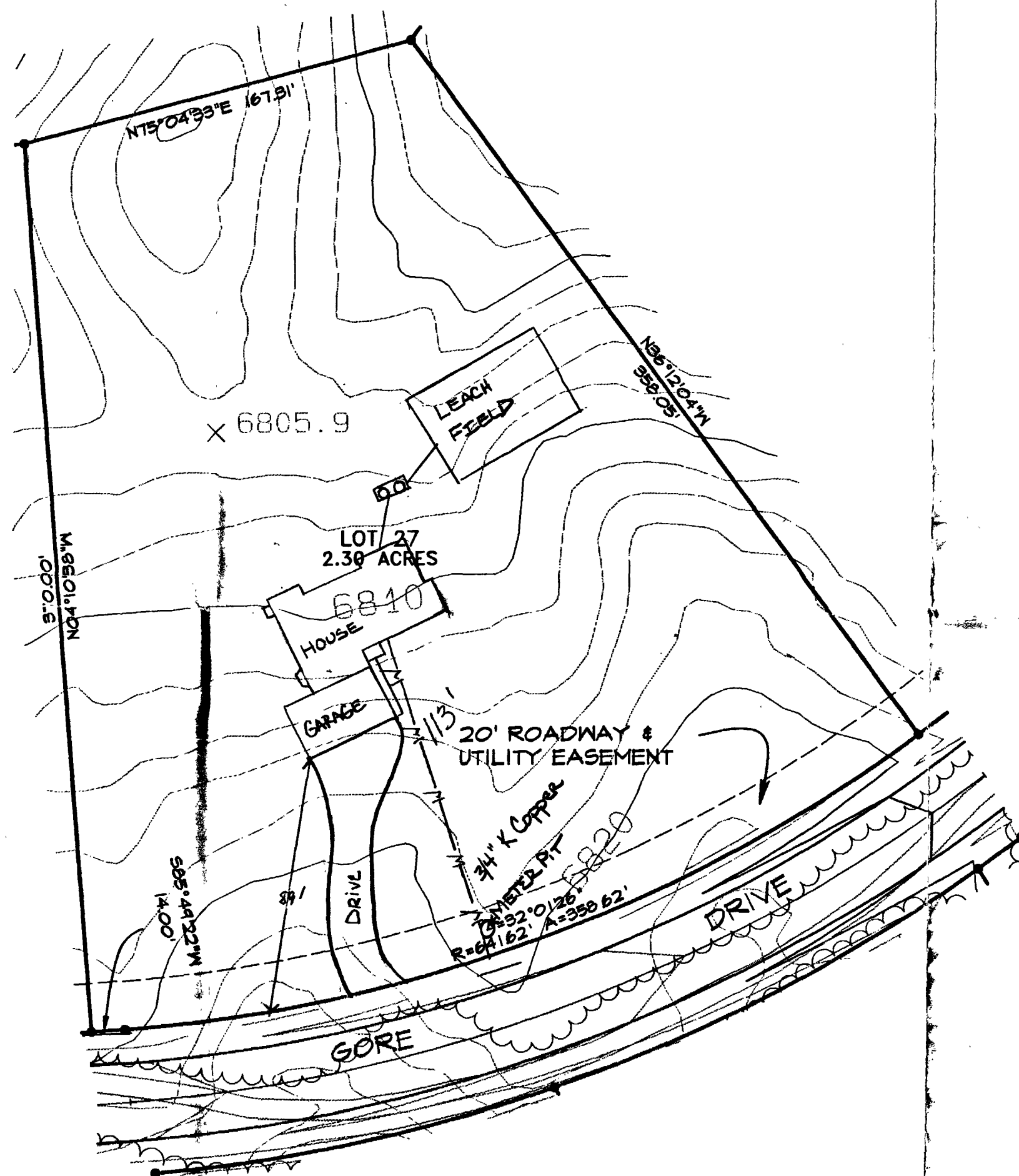
Hole No.	Hole Depth (in.)	Length of Interval (min.)	Water Depth @ Start of Interval (in.)	Water Depth @ End of Interval (in.)	Drop in Water Level (in.)	Percolation Rate @ Final Interval (min./in.)
3	47	30	39 1/8	42 3/8	3 1/4	
		30	42 3/8	44 1/8	1 3/4	
		30	44 1/8	45 5/8	1 1/2	20
		30	45 5/8	—	empty	
		30	39 1/2	42 5/8	3 1/8	
		30	42 5/8	44 5/8	2	
		30	44 5/8	46 1/4	1 5/8	
		30	46 1/4	—	empty	

*Field Notes shall be recorded on this form or in this format; typed copies of field records may be submitted on this form.

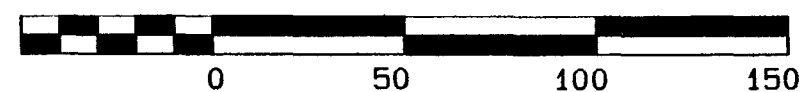
*A four hour test must be conducted unless (a) water remains in the hole after the presoak in which case one 30 min. interval is sufficient, (b) the first 6" of water seeps away in <30 minutes in which case a one-hour test of 6 - 10 minute time intervals may be used, (c) the test is being conducted in sand in which case a one-hour test of 6 - 10 minute time intervals may be used, (d) three successive water level drops do not vary by more than 1/16 inch in which case a two hour test may be conducted.

Must install remote
on a 4x4 redwood post
4' above ground.

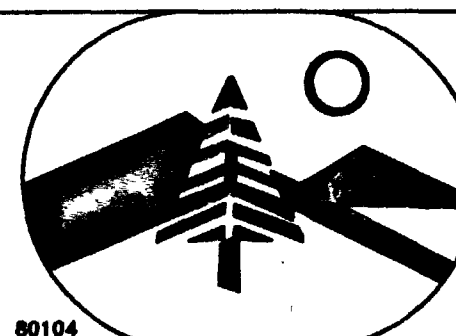
7D 6-4-96



1"=50'

[illegible]

 **DAVID E.**
ARCHER
& ASSOCIATES, INC.
LAND DEVELOPMENT CONSULTING
SURVEYING & ENGINEERING
PHONE (303) 688-4642
105 WILCOX ST. CASTLE ROCK, COLORADO 80104



SCALE 1" = 50'
DATE 5/24/96
DR'N. AND CKD.
AP'VD.

TITLE	SITE PLAN LOT 27, SAGE PORT FILING NO. 4 FIRST AMENDMENT DOUGLAS COUNTY, COLORADO
CLIENT	COUNTRYSIDE BUILDERS

Sheet	1	of	1	JOB NUMBER	96-0541
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