

Tri-County Health Department

Serving Adams, Arapahoe and Douglas Counties

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

ENVIRONMENTAL HEALTH DIVISION PERMIT NO. 7-95-189

PERMIT TO CONSTRUCT AN INDIVIDUAL SEWAGE DISPOSAL SYSTEM

OWNER: GAYLORD G. & DONA J. KLEIN

LOCATION: 9979 DELBERT ROAD

COMPOSED OF 1000 GALLON SEPTIC TANK AND ABSORPTION AREA OF . 450 SQUARE FEET $\,$

*INSTALL MIN. 36" MAX 60".

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 7-14-96

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.

DEPARTMENT ON 7/14-95

OF TRI-COUNTY HEALTH

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 #10893

RECEIVED BY LLJ

ON 7-10-95

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



Permit # 7-95-/89

Date Paid: 7-10-95

Check # 10893

Rec'd By: 20

Application Fee: \$150

APPLICATION TO: INSTALL REPAIR EXPAND AN INDIVIDUAL SEWAGE DISPOSAL SYSTEM

To Be Completed By Applicant	- Plance Type or Brint Clonety
. To be completed by Applicant	- Please Type of Plint Clearly
Address/Legal Description of Property Served by Proposition WEST /2 of the SourthWEST /4 Section WEST of the 6th Pm, Common City and Zip Code: 9979 - DELBE	DISSECT SYSTEMS: THE EAST 1/2 SAST 1/2 of the DESCRIPTION OF DOUGLAS STATE OF COLORADO. RET ROAD POWNER CO SO134
Property Owner GAYLORD G + DONA J. KLEIN	Applicant AETNA 464511G
Address 3338 - 5. LAREDO CT.	Address 6001-FOR FEDERAL BLVD
City Aurora State Co-	City DENVER State COLORGOS
Zip 80013 Phone () 690 - 2001	Zip 8022/ Phone ()657-1500
Installer BACKHOE SERVICES	Design Engineer COLORADO SOL
License # # 170 Phone (303) 644 3606	Job # 95-2918 Phone () 688.9475
Proposed Facility:	182 m 20 A 40
Facility Type: 🗖 Single Family Residence 🛘 Other_	Lot Size 250 + 20 + 20 + 20 + 20 + 20 + 20 + 20
Source/Type of Water Supply: 🗵 On Site Well 🔲 Co	mmunity Other
If supplied by community water, give name of supplier:	the stand
General Information: pu mus Klein	Islas KC. et actum)
Number of bedrooms: Basement: A Full	☐ Walkout Basement Plumbed? ☑ Yes ☐ No
Are Additional Bedrooms Planned? 💢 Yes 🚱 No	Is this property within 400 feet of a sewer line?
If so, will that sewage district provide service?	(attach letter from sewage district)
Is lot marked and are percolation holes staked?	covided is correct and true to the best of my knowledge. I agree
J 1 ' '	will comply with Tri-County Health Department's Regulation I-88
and all other applicable laws and regulations.	1/10/95
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 I-88 shall be complied with in the installation of this system System designed for: ______ gallons per day and/or _____ bedroom Soils data: (See attached Percolation Test and Soil Data Form) Average percolation rate: ______ (minutes per inch) Depth to groundwater : ______/ ____Ground slope: ______ 5 % to ____ ハビ Depth to bedrock: Type of disposal area proposed: ___ Minimum size tank: /(550 gallons Minimum disposal area (bed): Minimum disposal area (trench): 1080 360 square feet Engineer design required? __/\forall \forall (not to exceed depth of percolation test holes) Maximum depth of disposal area: ____ Minimum depth of installed rock:____ Special Permit Conditions: Design engineer inspection of, the completed system required? Site approved by: Makel Application reviewed and approved by: | Market | Date: -7/12 Site Visit Comments: Sto 6 0K co _____ Final Inspection _____ Inspection Date(s): 8/24/97 Septic Tank Size (as built): //250 gallons Disposal Area Type: <u>Unfillista</u> Size (as built): <u>20 unito</u> square feet Comments: Insperlin Made Cole South Well send a letter attacher Date Of Final Approval Environmental Health Specialist

TRI COUNTY HEALTHS COPY

*Also needs a Plot Plan drawn to scale showing proposed location of:

House - which needs to be 20 feet from field Leach Field - which needs to be 100 feet from well Septic Tank - which needs to be 50 feet from well and 5 feet from the house.



Tri-County Health Department Percolation Test and Soils Data Form

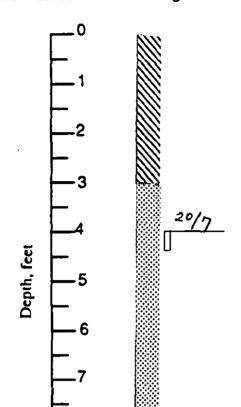
Customer KLEID

Legal description A TRACT OF LAND LOCA	TOD IN THE EX OF THE OF THE
Legal description A TRACT OF LAND LOCA W/z OF The SU/4 OF SUCT. 2 Property Owner:	28, Township S South, Runge 65 west of O.C.
Name AETNA Housing	
Address 6001 Foderal Blad. 1	Pandan Co RAZZI
Phone 657-1500	
 Percolation Test Form, Site Plan and Grain Site be submitted with this form. 	ze Distribution Curve of the Sample must
• For all Lots < acres the site plan must include be accurately fied to lot corners or other permits	e the entire lot. Test locations must anent markers.
Suturation and Swelling	Groundwater: • Encountered @feet.
 Smeared surfaces removed:X_YesNo Sand or grave! added:Yes _X_No Date and time prescak water added:	Estimated depth to maximum sensonal water table if not encountered in profile: Is area believed to be subject to sensonal
Amount of prescak water added (gallons): Date and time percolation test is started:	fluctuations which could result in a seasonal water table within 3' of surface? Yes _X_No Slope determination in absorption area: 5 % to
• Did water remain in hole after the overnight swelling	be <u>NE (direction)</u> Bedrock: • Encountered @lest. • Estimated depth if not encountered in
Period:	• Type or bedrock:Sandstone
Percolation Rate Measurement Percolation Rate (min./in.) Hole 1 24 Hole 2 20 Hole 3 20 Average 21	ClaystoneSiltstoneOther • Is bedrock finetured or weathered?YesNo • Is bedrock believed to be permeable? (Pert rate <50 min./in.)
1	YesNo



(Soils must be classified using Unified System ASTM D2487)





Clay: Sandy, Moist, BRN.

SANd: CLAYEY, MOIST, TAN to GRAY (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!

Original Signature

Colorado Soil
Company Name

5 PHOLPS DR. C.R.

683-9475

Phone

FOR: CAYLORD -CtyNE KLEIN

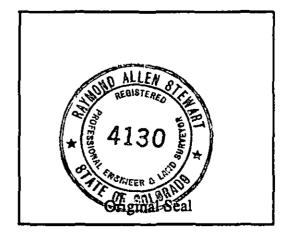
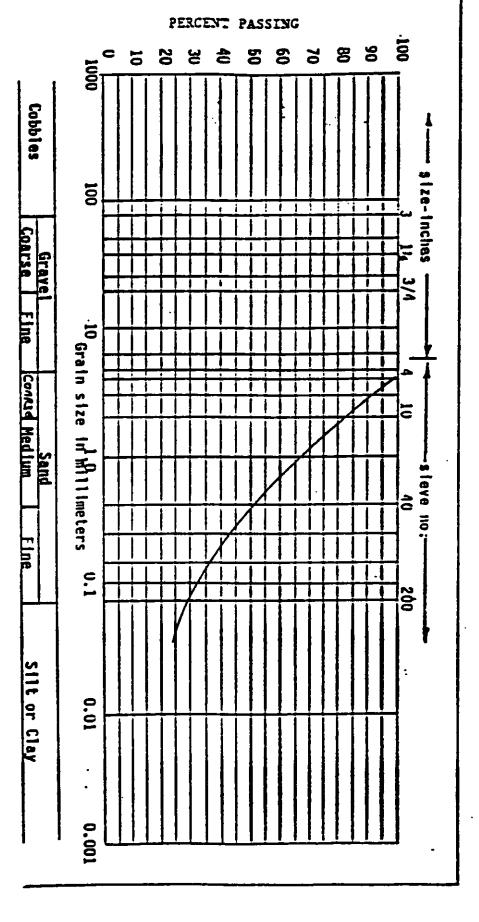


Figure 1



NAME: AETNA Housing
REPORT NO. 95 - 2913
S.P.H. 3'-10

きな



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 @ Fina Interval (min./in.)
1	51	30	4318	46	27/9	
		30	46	48	2	··
		30	48	50 %	25/4	
	_	30	5048		empty	
		30	43	46	3	
		30	46	481/8	2 1/8	
		15	4848	4934	5/8	· .
		15	4934	49/2	34	
		15	4912	5047	5/9	
		15	501/8	5034	5/2	24
i					1	

^{*}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.



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 @ Fina Interval (min/in.)
2	56	30	48	53	5	
	·	30	53	5534	234	
		30	5534		BMPTY	
		3 0	4844	51/2	13 44	
		30	511/2	53 %	248	
		3ა	534x	55 3/8	134	
		15	5534		Ban PTy	
		15	481/2	So	BMPTY 11/2	
		15	50	51	/	
		15	51	513/4	3/4	20

^{*}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.



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 @ Fina Interval (min./in.)
3	66	30	583/8		EMP74	
		30	58	6248	Emp74 498	
		30	6249	6579	314	·
		<i>3</i> 0	6571y			
	<u>-</u>	30	56	59 h	0mp7y 31/2	
		<i>3</i> 0	59 kz	62	21/2	
		15	62	63 Kg	149	
		15	631/8	6449	,	<u></u>
		15	641/4	647/8	34	
		<i>J</i>	647/9	6548	3/4	20
			,			

^{*}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.



Permit #
Date Paid: 5-12-95
Check # 000 9612
Boold By:

Application Fee: \$150

APPLICATION TO: INSTALL I REPAIR EXPAND AN INDIVIDUAL SEWAGE DISPOSAL SYSTEM

To Be Completed By Applicant	- Please Type or Print Clearly
Address/Legal Description of Property Served by Propo	sed System: <u>9909 Dolace</u> RD
\	-28 T/55 R65W DC
City and Zip Code: PARKER Co	20134
Property Owner GAYLORD - DOVA KLEIN	Applicant ACTNA Housing (Larrice)
Address 5061 PARKER	Address 10001 N FORMAL (CUT)
	City <u>Nouver</u> State C
Zip <u>800/5</u> Phone (3 <u>83</u>) <u>486-457</u>	Zip <u>80221</u> Phone (303) (57-1507)
Installer BACKHOE SORVICES	Design Engineer Coko Sort
License # Phone (<u>\$03</u>) <u>644-413</u>	Job # <u>95-291</u> Phone (<u>3 a 3</u>) <u>6 88-9-175</u>
Proposed Facility:	
Facility Type: 🗖 Single Family Residence 🗖 Other_	Lot Size 26-10 x 33 8
Source/Type of Water Supply: 💢 On Site Well 🔲 Co	mmunity 🖾 Other
If supplied by community water, give name of supplier:	
General Information:	
Number of bedrooms: Basement: ☐ Full]	Walkout Basement Plumbed? ☐ Yes
Are Additional Bedrooms Planned? 7 Yes 7 No I	s this property within 400 feet of a sewer line?
If so, will that sewage district provide/service?	(attach letter from sewage district)
	covided is correct and true to the best of my knowledge. I agree will comply with Tri-County Health Department's Regulation I-88
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 re	equirements of Regulation I-88 shall be complied with in the installation of this system
System designed for:	gallons per day and/orbedrooms
Soils data: (See attached Percolation	on Test and Soil Data Form)
Average percolation rate: 33	(minutes per inch) Depth to groundwater :
Depth to bedrock: 70 '	Ground slope: 5 % to NW
Type of disposal area proposed:	Standard
Minimum size tank:	gallons Minimum disposal area (bed): square feet
Engineer design required?	Minimum disposal area (trench): square feet
Maximum depth of disposal area:	3-4F+. (not to exceed depth of percolation test holes
Minimum depth of installed rock:	12"
Special Permit Conditions:_	
Site Visit Comments:	
	Final Inspection
Inspection Date(s):	
Septic Tank Size (as built):	gallons
Disposal Area Type:	Size (as built): square feet
Depin Ai Deepesi Poini:	
Depth At Deepest Point: Comments:	
•	

••

1

TRI COUNTY HEALTHS COPY

The state of the s

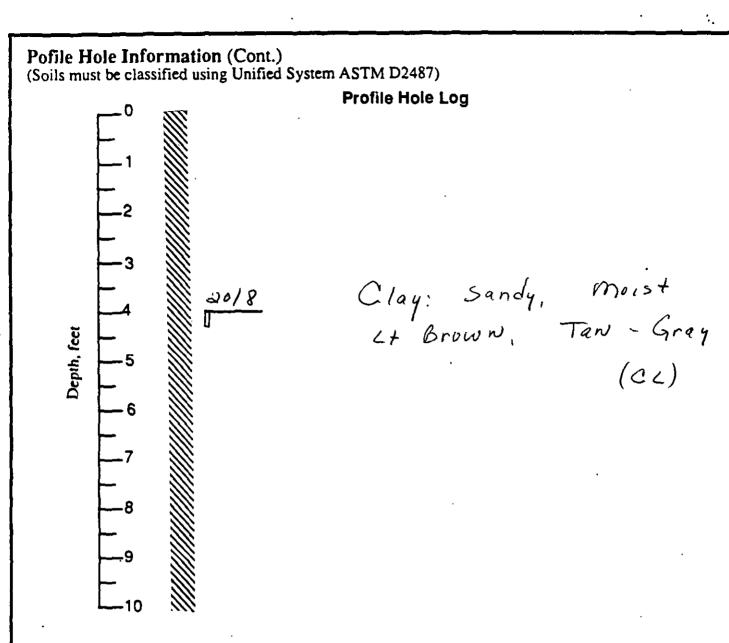
Also needs a Plot Plan drawn to scale Showing Proposed Location of:

House - which needs to be 20 feet from field Leach Field - which needs to be 100 feet from well Septic Tank - which needs to be 50 feet from well and 5 feet from the house.



Tri-County Health Department Percolation Test and Soils Data Form

Property address A Tract of Ignd 1	N the ES ES WS SW/4
legal description S - 28 T STS /	PLSW PC.
Property Owner: Name Act you Housing Address Cool Federal Blud Phone 657 - 1500 Note: Percolation Test Form, Site Plan and Grain Size be submitted with this form. For all Lots Sacres the site plan must include be accurately fied to lot corners or other permanents.	the entire lot. Test locations must
Saturation and Swelling Smeared surfaces removed:	Groundwater: • Encountered @feet. • Estimated depth to maximum seasonal water table if not encountered in profile://+ • Is area believed to be subject to seasonal fluctuations which could result in a seasonal water table within 3' of surface? No Slope determination in absorption area: % to the (direction) Bedrock: • Encountered @ feet. • Estimated depth if not encountered in profile: / / + • Type of bedrock: Sandstone Other • Is bedrock fractured or weathered? No • Is bedrock believed to be permeable? (Perc rate <50 min./in.) Yes No



Certification

Phone

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.

myself or under my supervision.

Samuel Standard

Original Signature

Color 9 do Soil

Company Name

5 Phelps Dr C.L.

Address

689 - 9475

95-291



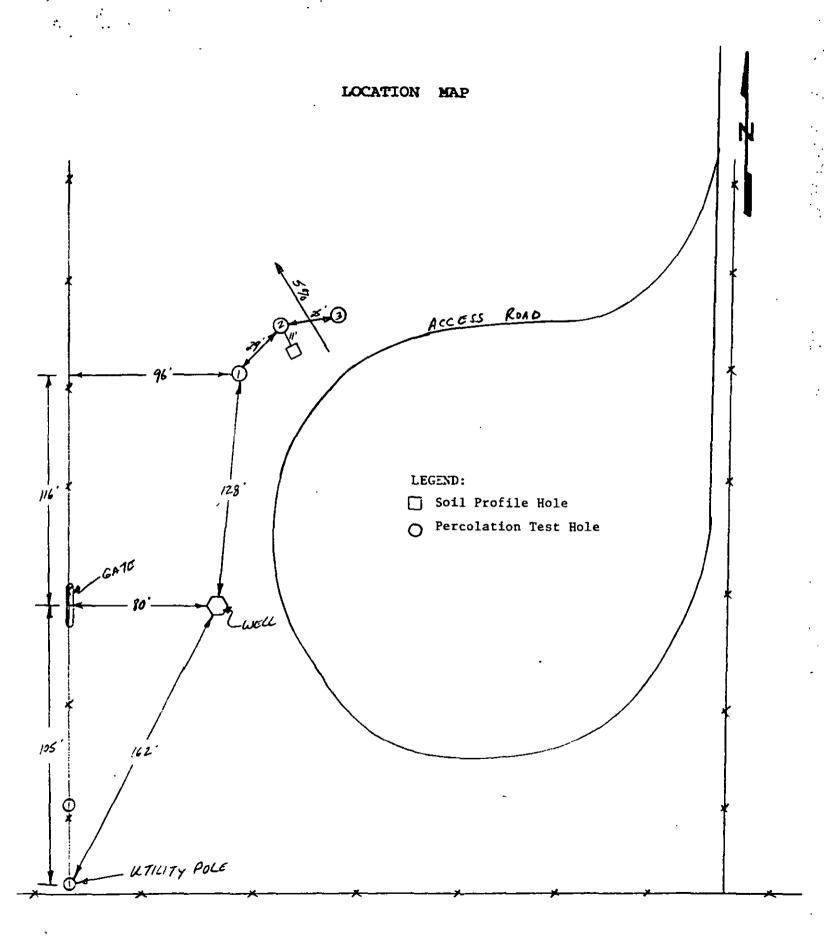
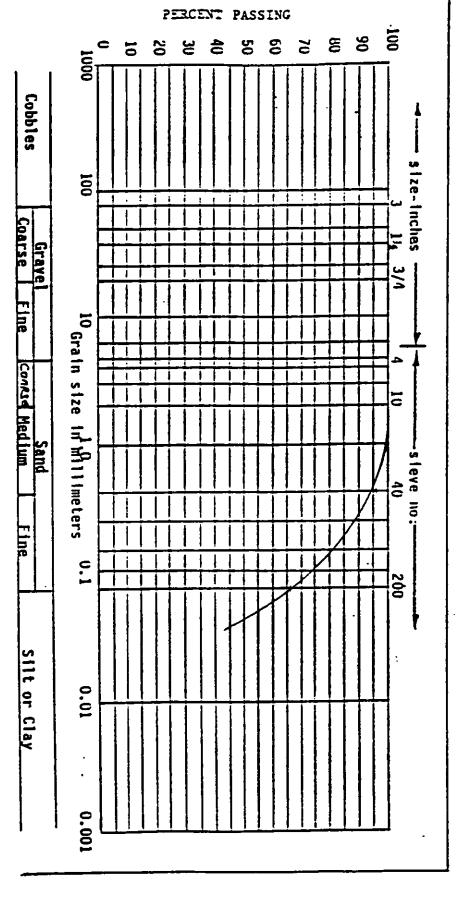


Figure 1

U S STANDARD SIEVE SIZE



NAME: AETNA Housing
REPORT NO. 95-291
S.P.H. 3'-10



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	40	30	323/8	3634	4	
		30	36 ³ / _P	387p	2	·
		30	3838		BMPTY	<u> </u>
		30	32	343/8	23/8	
		30	3439	36	15/3	
		35	36	375/8	15/9	
		15	375/2	381/2	1/2	
		15	38/8	381/2	3/4	
		15	387/8	39 14	3/9	40
		15	3914	393/4	12	
					-	

^{*}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.



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 @ Fina Interval (min./in.)
2	42	30	34/8	39	47/3	
	 	30	39	41314	23/4	
		30	4/13/4		CMP74	
		<i>3</i> 5	34 1/4	36 14	2	
		30	3644	371/2	1519	
		<i>3</i> s	371/2	3944	13/8	
		15	3914	393/4	1/2	
		15	39314	40/2	3/4	
			4012	4/4	3/4	
		15	4/44	4134	1/2	30
,					-	

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

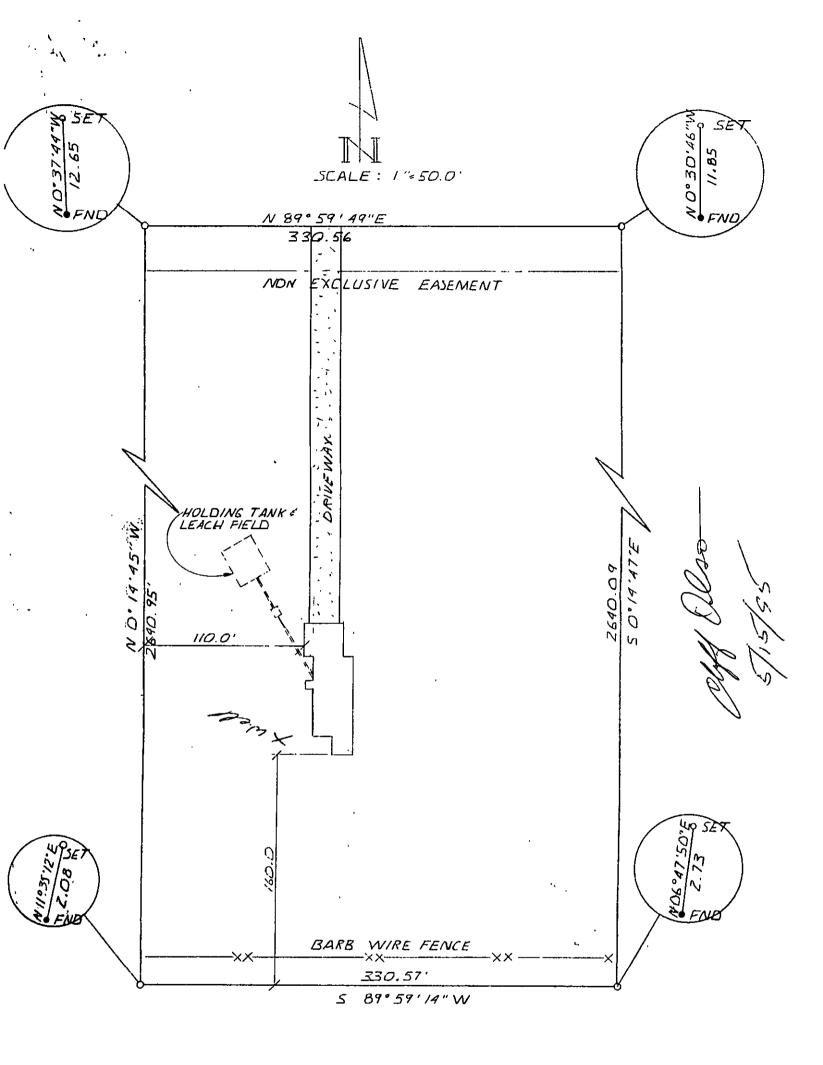
[&]quot;A four hour test must be conducted unless (a) water remains in the hole after the presoak in which case one 30 min. interval is sufficient, (b) the first 6" of water seeps away in <30 minutes in which case a one-hour test of 6 - 10 minute time intervals may be used, (c) the test is being conducted 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.



Hole No.	Hole Depth (n.)	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	42	30	34/14	37	23/4	
		30	37	39 %	248	
		30	39 kg	4148	2	
		35	411/2		ampty	
		<i>3</i> 0	34	363/2	23/8	
		<i>3</i> 0	363/8	38	1518	
		15	38	353/4	3/4	
		15	383/4	39/2	3/4	
		15	39/2	40	1/2	
!		15	40	40/2	1/2	<i>3</i> 0

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.



AETNA HOUSING INC KLEIN RESIDENCE JAN. 5 1995 BY F.W. HAYES REVISED 5-14-95



7-24.95

Gay-The chek

Pos this request.

Will be marked

in 7-25-95

Donna

CHECK REQUEST

Date: 7-19-95	Amount: \$ 100,00
Payee: CIISS Olson	
Address: Actna Housing	Date Required: ASAP
6001 Federal Bld	MAIL CHECK TO PAYEE
Denver, Co 8023	☐ REQUESTER WILL DELIVER CHECK TO PAYEE
	eation Advance
☐ Consultation Cost	er (Explain below) THE APPLICANT PAID twice to
☐ Registration or Tuition Cost	also made AN EXTRA FIELD
Explanations: altra House	made duplesate
Applications veith	& checks for \$15000 each
C#10893 +# 000961	2). a hield visit was done
for each application.	so 50.06 was deducted from
The cost of one ap	plication, (Refund \$100.00)
Program To Be Charged: C8D1 - 50000	Expense Is Covered By Budget Yes No
Requested By: Jan Lan	Approved By: Druce W. W. Usan DIRECTOR
Audited By:	Approved By:

Do not use this Form to request travel cash advances—use Form A-35, or expenditures requiring a purchase order—request a P.O. from Purchasing Agent.

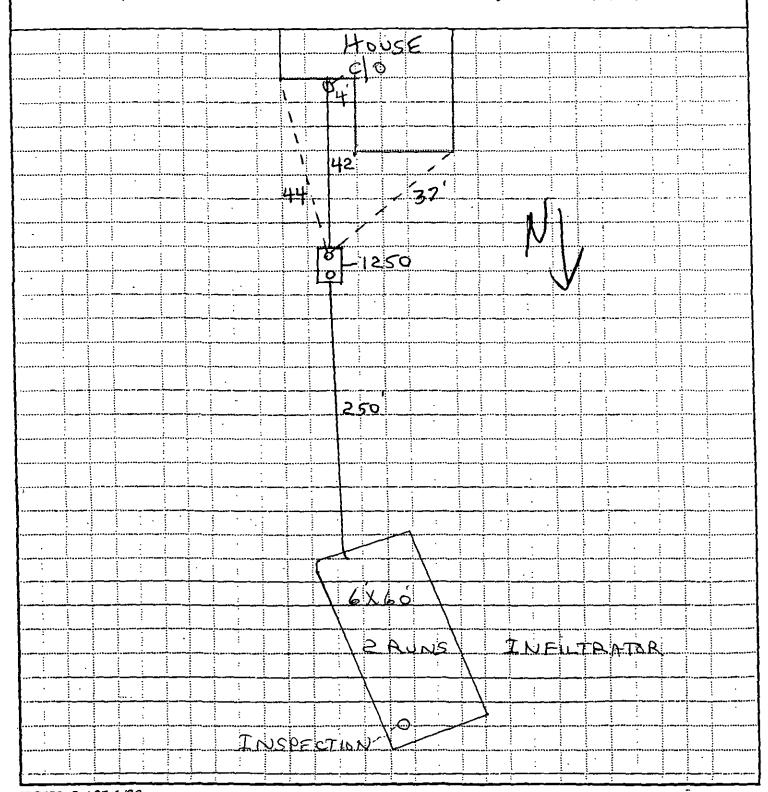
SEE INSTRUCTIONS ON BACK FOR PROCESSING Forward All Copies To Business Office

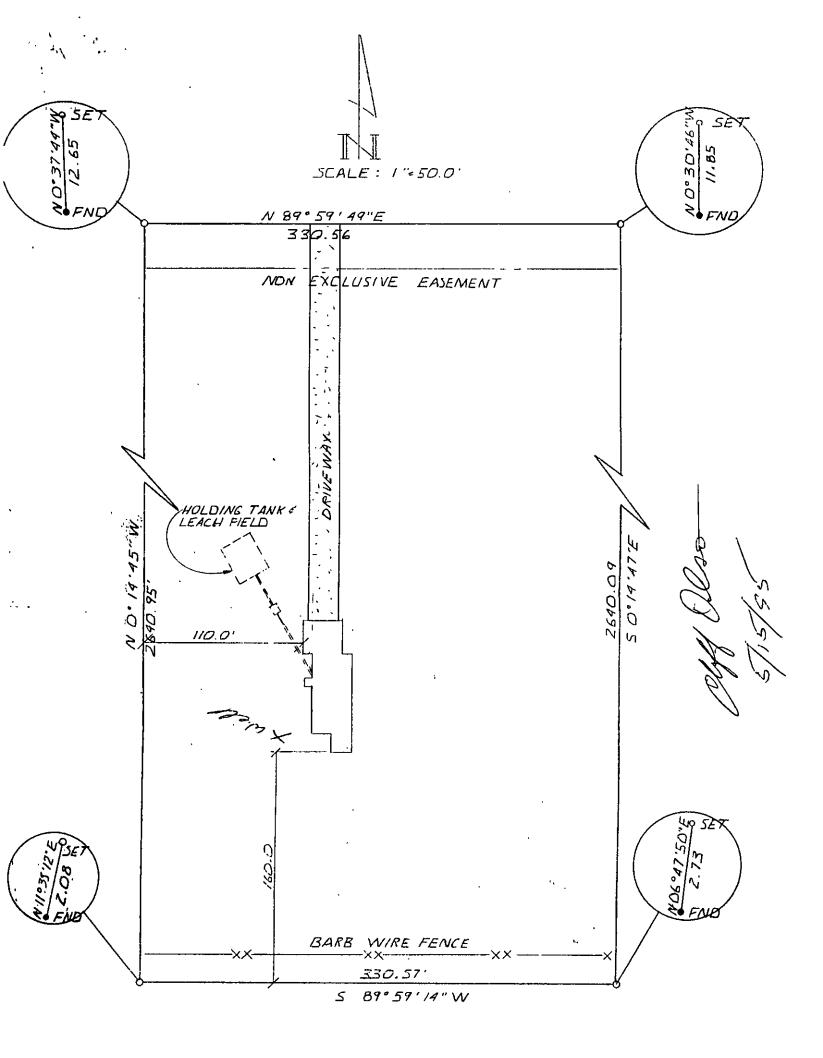
INSTRUCTIONS FOR USE OF CHECK REQUEST FORM

- 1. This form is to facilitate paying for goods or services which are not ordered on a Purchase Order.
- This form may be used to request a check to cover educational or professional meeting registration, workshop fees, vacation advances, ad hoc consultation or speaker fees and any other valid need which requires making a payment for goods or services
- PLEASE NOTE. When a number of staff will be attending a seminar, workshop or meeting it is requested that
 the Division or Project Leader coordinate and request one check to cover the expense for the whole group
 authorized to attend
- 4. Staff attending a seminar, workshop or meeting out-of-state will use TCHD Form A-35, Rev. 4'88, to request a cash advance for travel. Do not use this Check Request Form for travel cash advances.
- 5. Requests for a check should be substantiated with proper documentation
- 6 Send the original and second copy to the Division Director for approval
- 7. The Division Director will determine if the transaction is covered by Budget
 - A. If the expenditure is covered by Budget, it is not necessary to send the request for Director approval.
 - B. If the expanditure is not included in the budget and exceeds \$500.00, the Director's approval will be required.
- 8. The Division Director will send both copies to the Business Office for processing
- 9. The Business Office will cut a check and either mail it to the payee or send it back to the requester to deliver to the payee.
- 10. The requesters copy of the form (2nd copy) will be returned to notify requester of action taken. When requested, the check will be sent to the requester to deliver to payee with the requesters copy of the check request form.

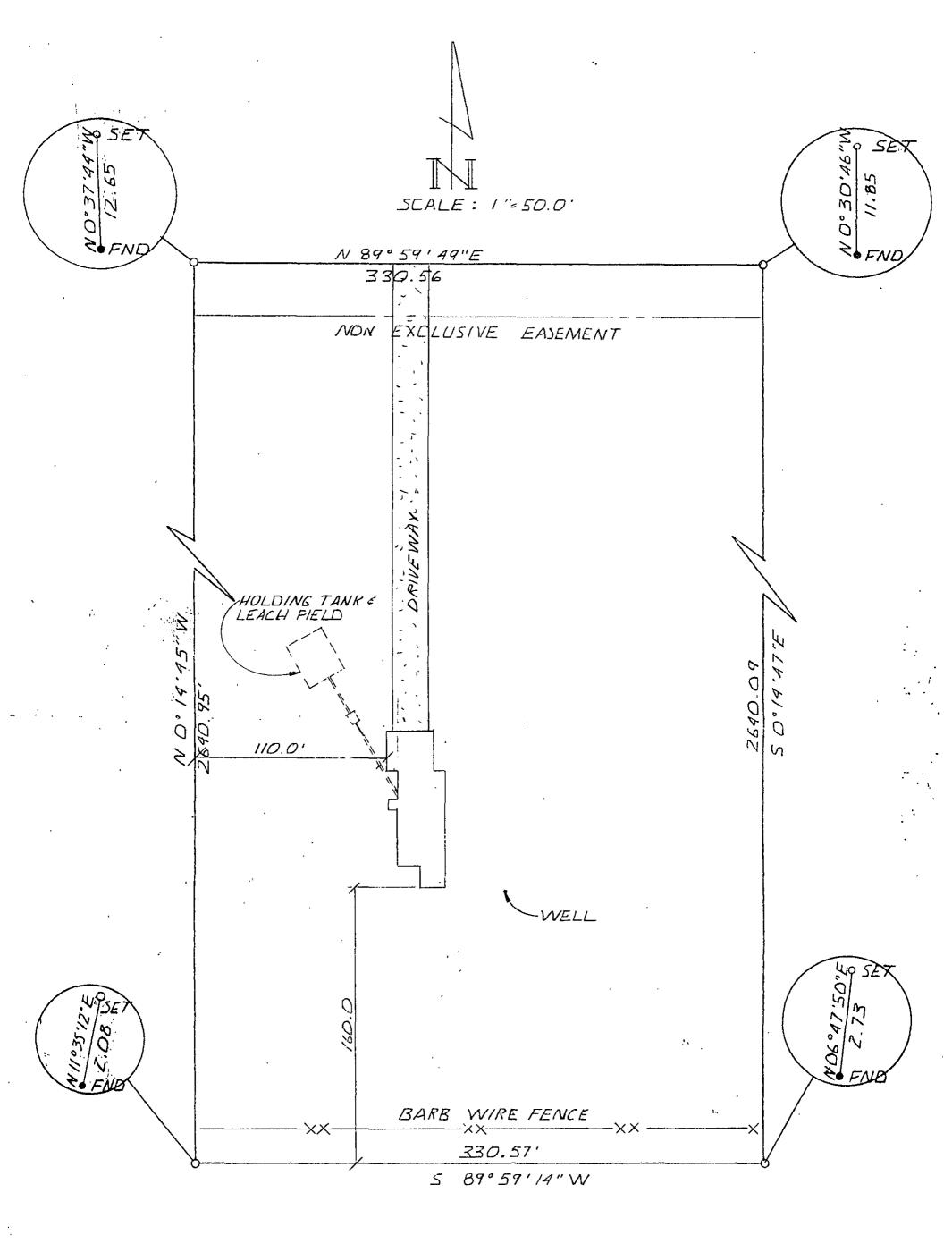


Onsite System As-Built Drawing Property Address 9979 DELBERT
Permit # 7-95-189
Date System Completed Aug 23-95
Installer's Name_BACKHDE
Installer's License # 000/62
Installer's Address and Phone BENNETT





AETNA HOUSING INC KLEIN RESIDENCE JAN. 5 1995 BY F.W. HAYES REVISED 5-14-95



AETNA HOUSING INC KLEIN RESIDENCE JAN. 5 1995 BY F.W. HAYES REVISED 5-14-95