

19524 SUNNYPOINT CT

00109190

6/14/2007

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

Mecklenburg County
Health Department

May 24, 1990

Crater Investments, Ltd.
PO Box 309
Davidson, NC 28036

RE: Property located at 19524 Sunny Point Lane
FILE: 6419A
PARCEL: 001-091-03

Gentlemen:

Receipt of your plans for a modified waste disposal system for the property referenced above is acknowledged.

Your plans for the modified system for the above property as submitted are approved with the following comments:

- The well should be located 100 feet or no less than 50 feet away from any part of the sewage disposal system and repair area.
- Water saving plumbing devices and low flush toilets should be installed when constructing the residence.
- Occupants to utilize maximum water conservation measures wherever possible.
- Effectively rake and lime all trench sidewalls
- Landscaping of repair area to be undisturbed. No grading, shaping, or altering in anyway.

Upon execution and recording with the Register of Deeds Office, Mecklenburg County, of the enclosed "Septic Tank Agreement Form", an Improvements Permit may be issued by this office.

Sincerely,

Gene Vaughan, R.S., Supervisor
On Premises Waste Disposal & Water Supply

GV/kat

Enclosures - 3 Septic Tank Agreement Forms

Environmental Health Division
1200 Blythe Boulevard • Charlotte, North Carolina 28203 • (704) 376-4603

BK: 06741 PG: 0022/0022 #:0110 6.00

REGISTERED JAN/21/1992 10:34AM ANNE A. POWERS REGISTER OF DEEDS MECK. CO. N.C.

FILE NO. 6419A

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

COPY

ACKNOWLEDGEMENT OF REQUEST BY OWNER FOR RECLASSIFICATION SITE FROM "UNSUITABLE" TO "PROVISIONALLY SUITABLE" UNDER 10 NCAC 10A .1948(c)

The undersigned, Crater Investments, Ltd.

owner of property located at 19524 Sunnypoint Court

("the site") and described in an instrument recorded in Book 6103 at Page 703, Mecklenburg Public Registry, hereby acknowledges that he applied to the Mecklenburg County Department of Environmental Health ("the Department") for a permit to install a septic tank sewage disposal system on the site; that the Department evaluated the site for suitability for such a system in accordance with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A .1934 et seq; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested pursuant to 10 NCAC 10A .1948(c) that the Department reclassify the site as "provisionally suitable" in light of the particular septic tank system proposed by the undersigned; that the Department considered various studies, data and other information which indicate to the Department that the septic tank system proposed by the undersigned can reasonably be expected to function satisfactorily and thus that the findings specified in 10 NCAC 10A .1948(c)(1), (2), and (3) can be made; and that the Department therefore reclassified the site as "provisionally suitable" and issued an appropriate permit for such proposed septic tank system.

The undersigned further acknowledges that the proper design, construction, operation and maintenance of such septic tank system is his responsibility and that neither the Department nor its officials, employees or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for any damages of any kind which are caused, or which may be caused, by a malfunction of such system.

The undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department, its employees and officials, as well as Mecklenburg County and its employees and officials, for any damages or other claims of any person or persons whatsoever arising out of the installation, operation, or failure of said septic tank system.

The undersigned further agrees for his heirs and assigns that, in the event any septic tank system installed under authority of the aforesaid permit fails to perform adequately in any respect, he will take whatever measures are required to correct same; or if such is impossible he will discontinue use of said system immediately.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

This 17 day of January, 19 92. CRATER INVESTMENTS, Ltd.

D Dwight Crater (SEAL)

PRESIDENT

(SEAL)

Carolyn B. Smith Attest

SECRETARY

STATE OF NORTH CAROLINA
COUNTY OF ~~MECKLENBURG~~ Iredell

I, MARGARET B. DAVIDSON, a Notary Public for said County and State, do hereby certify that D. Dwight Crater personally came before me this day and acknowledged that he is President of Crater Investments, Ltd., and that by authority duly given and as the act and deed of said corporation, the foregoing instrument was signed in its name by its President, sealed with its corporate seal and attested by Carolyn B. Smith.

WITNESS my hand and notarial seal, this 17th day of January, 1992.

Margaret B. Davidson
Notary Public

My Commission Expires 11-8-92





Mecklenburg County
Health Department

April 11, 1990

Mr. Dwight Crater
Crater Investments, Ltd.
P. O. Box 309
Davidson, NC 28036

Subject: 19524 Sunny Point Lane
Tax Parcel #001 =091-03
File #6419A

Dear Mr. Crater:

Receipt of the plans and specifications for a modified system of sewage disposal for the above property is hereby acknowledge. Upon receipt of the information, a review was made of the material on file and a site evaluation was conducted. The plans was then reviewed in conjunction with provisions of 10NCAC 10:; 1900. "Laws and Rules for Sanitary Sewage Collection., Treatment and Disposal" Our comments are listed below:

DESIGN SPECIFICATIONS AND CALCULATIONS MUST BE PROVIDED. PLEASE SEE ATTACHMENT.

For these reasons, the plans as submitted are disapproved. If you have any questions regarding these matters, please do not hesitate to contact me.

Sincerely,

Gene Vaughan, R.S., Supervisor
Individual Water & Wastewater Systems

Enclosure:

Environmental Health Division
1200 Blythe Boulevard • Charlotte, North Carolina 28203 • (704) 376-4603

Lot #28 Please Complete as with #27. Show all Calculations

DESIGN SPECIFICATIONS

Daily waste flow		360	Gal. ✓
Septic tank size		1500	Gal. ✓
Pumping tank size		1000	Gal.
Effluent loading rate	.3	~~.2~~ .4	Gal/ft^2/day
Absorption area	1200	~~2800-5~~	Ft.
Total length of laterals	400	~~385~~	Ft.
Lateral diameter		2	In.
Lateral configuration		see chart	No. and length of lines
Supply line length		110	Ft.
Supply line diameter		2	In.
Manifold placement		end ✓	
Hole size*		5/32	In.
Hole spacing		5	Ft.
Number of holes		~~76~~ 80	
Pressure head		2	Ft. ✓
Flow per hole		.41	gpm ✓
Total flow	32.8	~~31.16~~	gpm
Elevation head		9	Ft.
Friction head	.98	~~2.4~~	Ft. .81(1.2)
Pressure head		2	Ft.
Total head	11.98	11.4 ✓	Ft.
Pump requirements	32.8	31.16	gpm @ft of head at 11.4/11.98
Storage volume in laterals	77.6	~~8730~~	Gal.
Storage volume in supply line	21.34	20	Gal.
Total storage volume	98.94	~~8750~~	Gal.
Dosing volume	409.34	~~374.51~~	Gal.
Dosing depth	19.64	~~17.89~~	In.
Check valve needed?		yes ✓	

*NOTE: Data on hole size, spacing, pressure head and flow must be listed for each line for systems where lines are different (such as sloping lots).

Effluent Loading Rate for LPP Systems (.16) unless otherwise specified by this department

Amended with following corrections

R.W.O.

CERTIFICATE OF COMPLETION/OPERATION PERMIT

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 6491-A DATE: 4/9/92

TC: 001-091-03 ☒ L ☐ CRT

SERIAL № 12354

Name of Owner Crater Investments, Ltd. Juris.:

Address of Property 19524 Sunnypoint Ct. (Lot 28)

Inspection Data:

Tank Material PCC

Total Length of Drainfield 200'

Number of Lines 4 @ 50'

Cover Depth 4'-6"

Water Supply Source P/well

Distance to Water Source 50'+

Excavation Inspected Y

Tank(s) Inspected Y

Wash Line Inspected —

High Water Alarm Inspected —

PLOT

Design: 1500 ST, mod. 200 SFB, 24" sand, CECil CTR# 52

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☒ ~~Installed~~ or constructed ☐ altered or repaired

☒ ~~in~~ accordance with the permit issued ☐ as detailed in the plot above

and meets the provisions of 10 NCAC 10A .1900, "Laws And Rules For Sanitary Sewage Collection, Treatment, And Disposal" ~~in~~ effect on the date of issuance of the permit. The issuance of this

☒ Certificate of Completion Panel Block, gravity ☐ Operation Permit

does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 10 NCAC 10A .1900 in addition to those listed below under "COMMENTS." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

COMMENTS: 3 bedrm - (4) 2' x 50' x 24" sand, limed walls, speed levelers (IN ~~AT~~) D-box for = distribution. 100% PB system for repair.

GTS

Tim Whittaker, R.S.
Environmentalist

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

Gravity PANEL Block

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR PERMIT

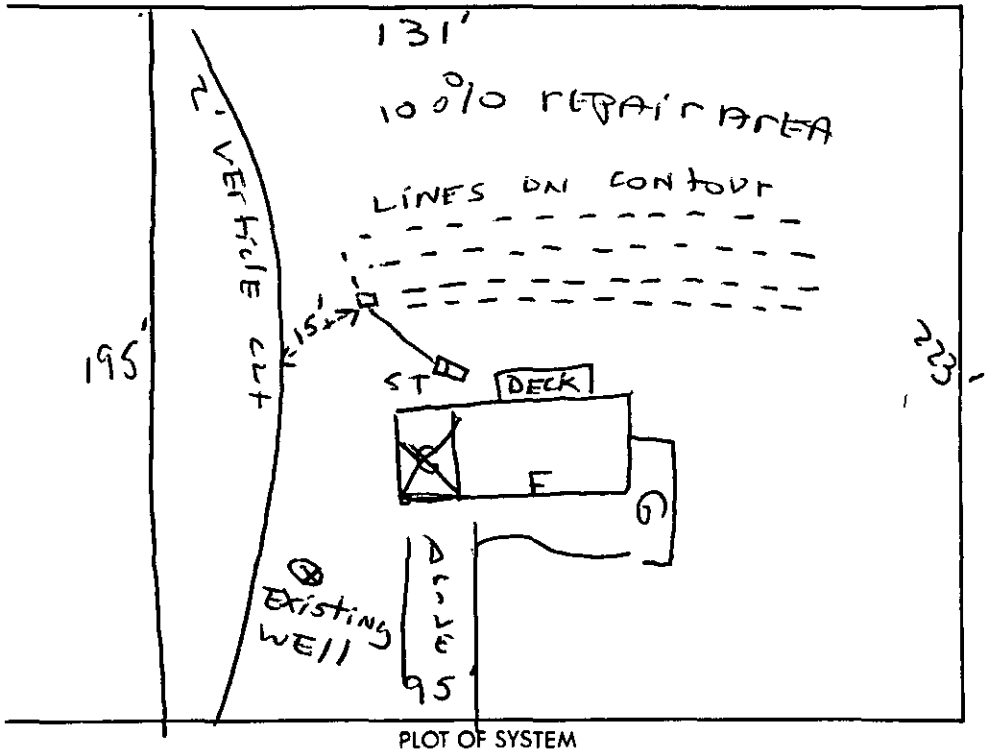
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 6491-A DATE: 4/3/92

TC: 001-091-03 ☐ L

SERIAL Nº 14164

Permission is hereby given to ✓ (Install) or Construct, _____ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in the application dated 3/29/90. All work shall be completed on or before 5/3/92, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 10 NCAC 10A .1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1,500 gallons

Liquid Capacity of Dosing Tank — gallons

Tank Construction PCC

Absorption and/or Nitrification Lines:

Trench Width 2' feet

Total Line Length 200' PANEL feet

Number of Lines 4 (50')

Depth of ~~Stone~~ SAND 24" inches

Distance from House 10' feet

Distance from Property Line 10' feet

Distance from Well >50' feet

NAME OF OWNER Crater Investments, Ltd.

LOCATION OF PROPERTY 19524 Sunnypoint Ct. (Lot 28)

Comments: 3 bedrm. PANEL block. (4) 2'x 50'x 24" sand gravity fed. 11 panels per line or as needed to meet 200'. 6" space required.

Keith Randall
Division or Section Head

Tim Whittaker, R.S.
Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Mecklenburg County Health Department in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

APPLICATION FOR AN IMPROVEMENT PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

(OFFICE USE ONLY)
FILE: 6419A
TC: _____
SERIAL: № 20177 ☐ L ☐ CRT

JOB LOCATION

① ADDRESS: 19524 (STREET NO.) Sunny Point Ct. (STREET) ② FILE: 6419
③ JURISDICTION: _____ ④ TAX PARCEL NO.: 001-091-03
⑤ SUBDIVISION: Diane Shores (Part of) ⑥ LOT: 28 ⑦ BLOCK: _____

OWNER

⑧ NAME: Crater Investments, Ltd (FIRST) (MIDDLE) (LAST)
⑨ MAILING ADDRESS: PO Box 309
⑩ CITY: Davidson ⑪ STATE: N C ⑫ ZIP: 28036
⑬ PHONE: (WORK) 892-5518 ⑭ (HOME) 892-9219

REQUEST

This request is for a(n):

⑮ ☑ New permit
⑯ ☐ Repair or alteration permit
⑰ ☐ Authorization for mobile home exchange
⑱ ☐ Other (specify) _____

DESIGN CRITERIA

System will serve:

⑲ ☑ Residence ⑳ ☐ Mobile home
㉑ ☐ Business or place of public assembly
㉒ Number of bedrooms? 3
㉕ Type? _____
㉓ Maximum occupancy? _____
㉖ Maximum number of employees? _____
㉔ Basement? ☐ yes ☐ no
㉗ Maximum number of seats? _____

WATER SUPPLY

㉘ Water supply from (present or proposed):

A ☑ Individual well
B ☐ Municipal system
C ☐ Community well
D ☐ Community system

㉙ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: D. Dwight Crater Jr.
Date: 3-29-80

IMPROVEMENT PERMIT

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules For Sanitary Sewage Collection, Treatment And Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

... No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair permit is issued by this Department.

... This permit is not transferable, and shall become null and void 36 months from the date of issuance.

_____ / _____
Environmentalist Date

_____ / _____
Director or Authorized Section Head Date

*This permit must be signed by the Director of Mecklenburg County Health Department or an authorized section head in order to be valid.

3-28-90

6419 Meck

001-0-1-03 po

19524 Sunnypoint Ct

28

N/A

Well & Septic tank

Mecklenburg County
Health Department

February 8th, 1990

Crater Investments, Ltd.
PO Box 309
Davidson, NC 28036

RE: Property located at Sunnypoint Ln.
FILE: 6419A
PARCEL: 00109103

Dear Sir:

At your request, a field investigation was conducted on the property designated above for the purpose of determining site suitability for the installation of a ground absorption sewage disposal system. The property was found to contain a limited area of soils which were classified as PROVISIONALLY SUITABLE for such an installation. A copy of the Site Evaluation Report (Serial Number 17542) is enclosed for your information.

Should you desire to file for permission to install a ground absorption sewage disposal system, please submit an Application For An Improvement Permit with an ACCURATELY dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems to this office. The plan will be reviewed and if it is found that the area of provisionally suitable soils is adequate for the proposed construction, an Improvement Permit will be issued by this Department.

If I may be of assistance, please do not hesitate to contact me.

Very truly yours,

Gene Vaughan, R.S., Supervisor
On Premises Waste Disposal & Water Supply

Enclosure

Environmental Health Division
1200 Blythe Boulevard • Charlotte, North Carolina 28203 • (704) 376-4603

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 17542

File: 6419A Action 1

Parcel: 00109103 ☐ PC

Location: Sunnypoint Ln.

Subdivision:

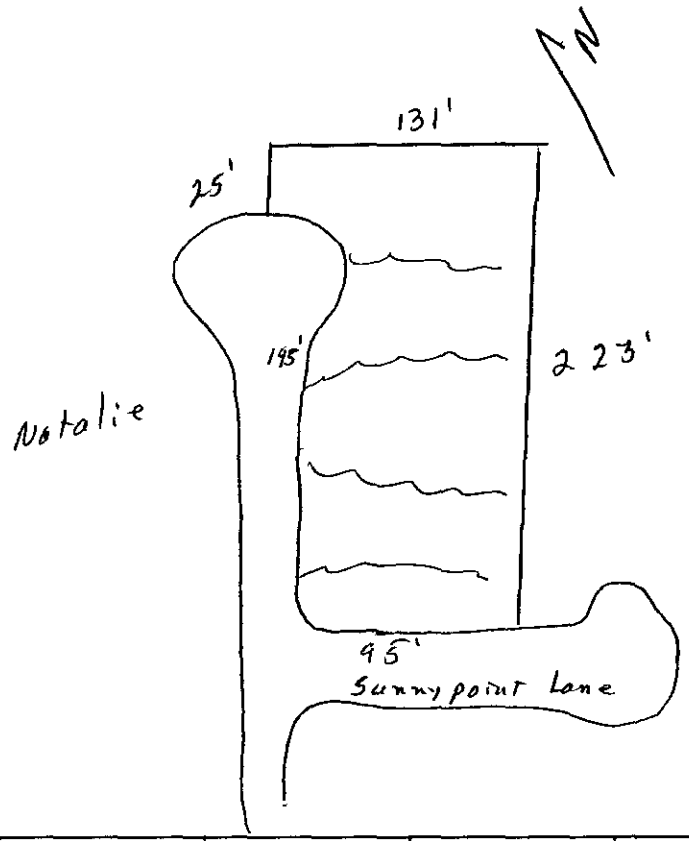
Lot: 28 Block: Acres: Approx .6

Owner:
Address: Crater Investments, Ltd.
PO Box 309
Davidson, NC 28036

Comments: Soils in Terrace
to Homes > 36"
100% Repair

Described by: William A Marlin

Date: 2-7-90



*** EVALUATION KEY ***
S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	(S) PS U 2-10%	S PS (U) old terraces	S PS U	S PS U	S PS U	S PS U
Texture	S (PS) U Clay	S PS U —	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U Blocky	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage	(S) PS U 7 49" to water	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	(S) PS U 49"+	S PS U —	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	(S) PS U 49"+	S PS U —	S PS U	S PS U	S PS U	S PS U
Available Space	S (PS) U Very limited	S PS U —	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	IV Cecil-Hilltop	Terraces				
Area Classification	S (PS) U	S PS (U)	S PS U	S PS U	S PS U	S PS U

PROPOSED PLOT PLAN

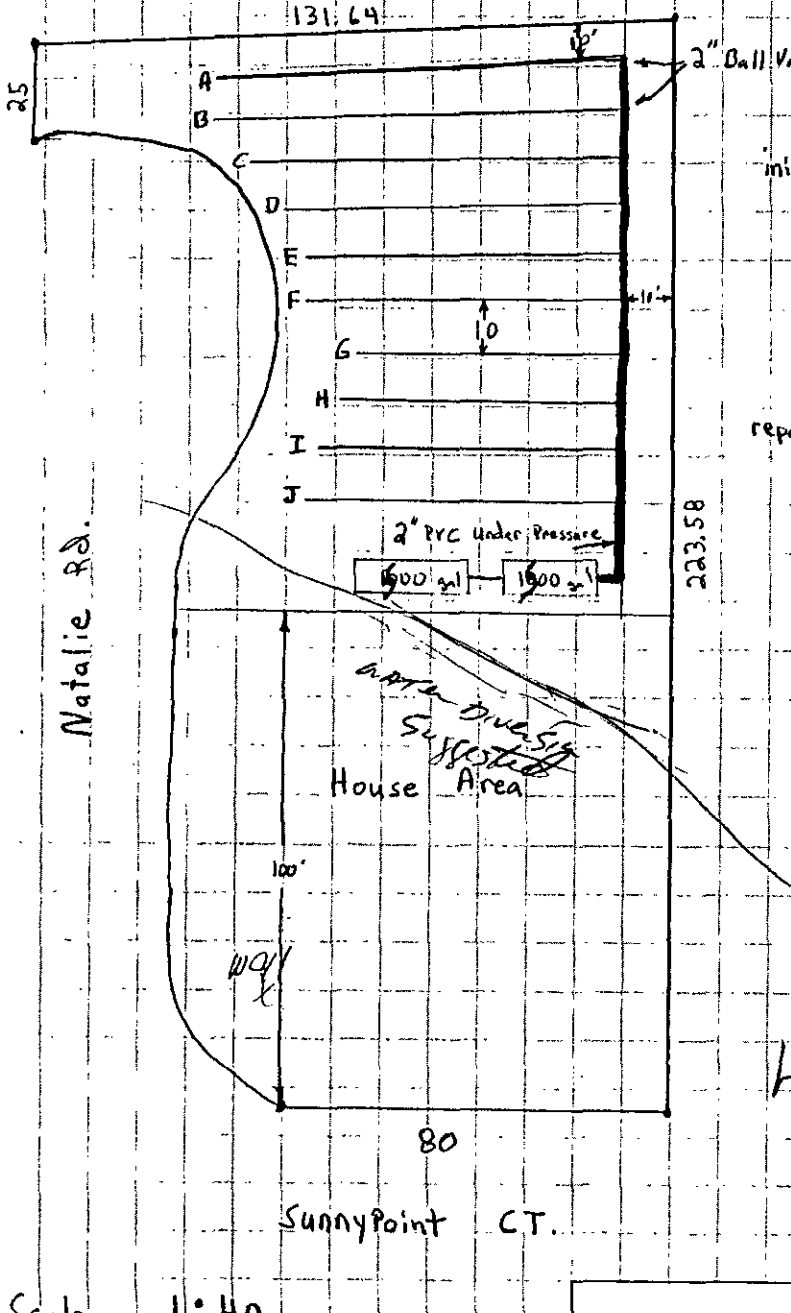
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 6419A

TC: 00109103

Lot 28

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries, proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



	Line	length	
initial	A	85	383
	B	85	
	C	78	
	D	70	
	E	65	
repair	F	62	303
	G	56	
	H	58	
	I	62	
	J	65	

Tanks & Pumping system set up same as lot 20.

Lines Contact a mark Dr Vinyl

Scale 1:40

All Dimensions in feet

Signed: _____

Date: _____

Technical Information hot 28

line	length	Flow Per Hole	# Holes	Flow Per line
A	85 ft	0.41 gpm	17	6.97 gpm
B	85	0.41	17	6.97
C	78	0.41	15	6.15
D	70	0.41	14	5.74
E	65	0.41	13	5.33
Totals	383		76 Flow	31.16 gpm

Friction Head 2.40 ft
Elavation Head approx 9.0 ft
Total Head 11.40 ft * Pressure Head
Flow Rate 31.16 gpm
Dose = 5 (74.30 gal) volume of lafteral line
Dose = 371.51 gal @ 22gal/in (1000 gal tank)
Float switch Range 16.89 in

* Note This system is a pressurized 3' x 12" Standard septic line pressurized & Dosed by 2" PVC.

Respectfully Submitted

APPLICATION FOR SOIL INVESTIGATION

See 6416A - 6418A

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 6419A

TC: _____

☐ PC ☐ REPT

JOB LOCATION

① ADDRESS: Lot 28 Sunnypoint Ln (Morrow Way)

② SUBDIVISION: Diane Shores ③ LOT: 28 ④ BLOCK: _____

⑤ PARCEL REFERENCE: BOOK NO.: 01 PAGE NO.: 091 PARCEL NO.: 03

⑥ DEED REFERENCE: BOOK NO.: 892-5578, 892-9219 PAGE NO.: _____

OWNER

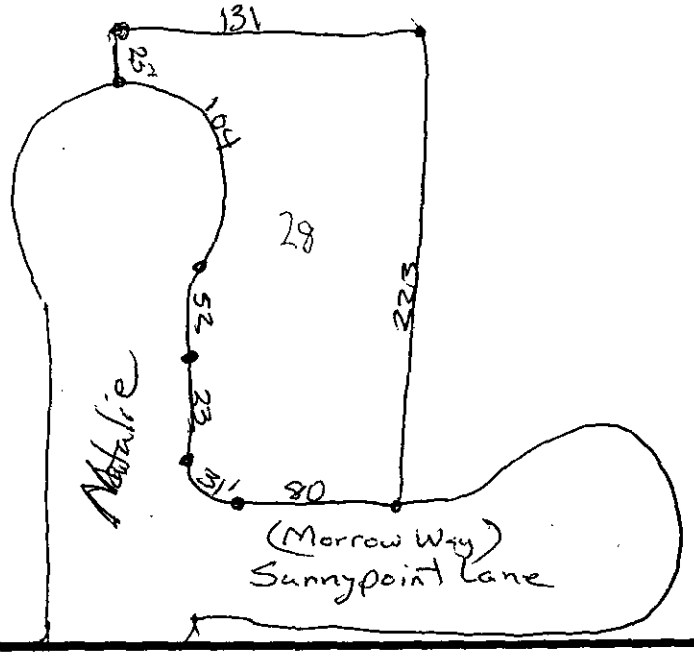
⑦ NAME: Crater Investments, Ltd
(FIRST) (MIDDLE) (LAST)

⑧ MAILING ADDRESS: PO Box 309

⑨ CITY: Davidson, ⑩ STATE: NC ⑪ ZIP: 28036

⑫ PHONE: (WORK) _____ (HOME) _____

⑬ *Accurately diagram and dimension lot.*



⑭ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: _____

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

Date: 1/3/90

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER'S COPY