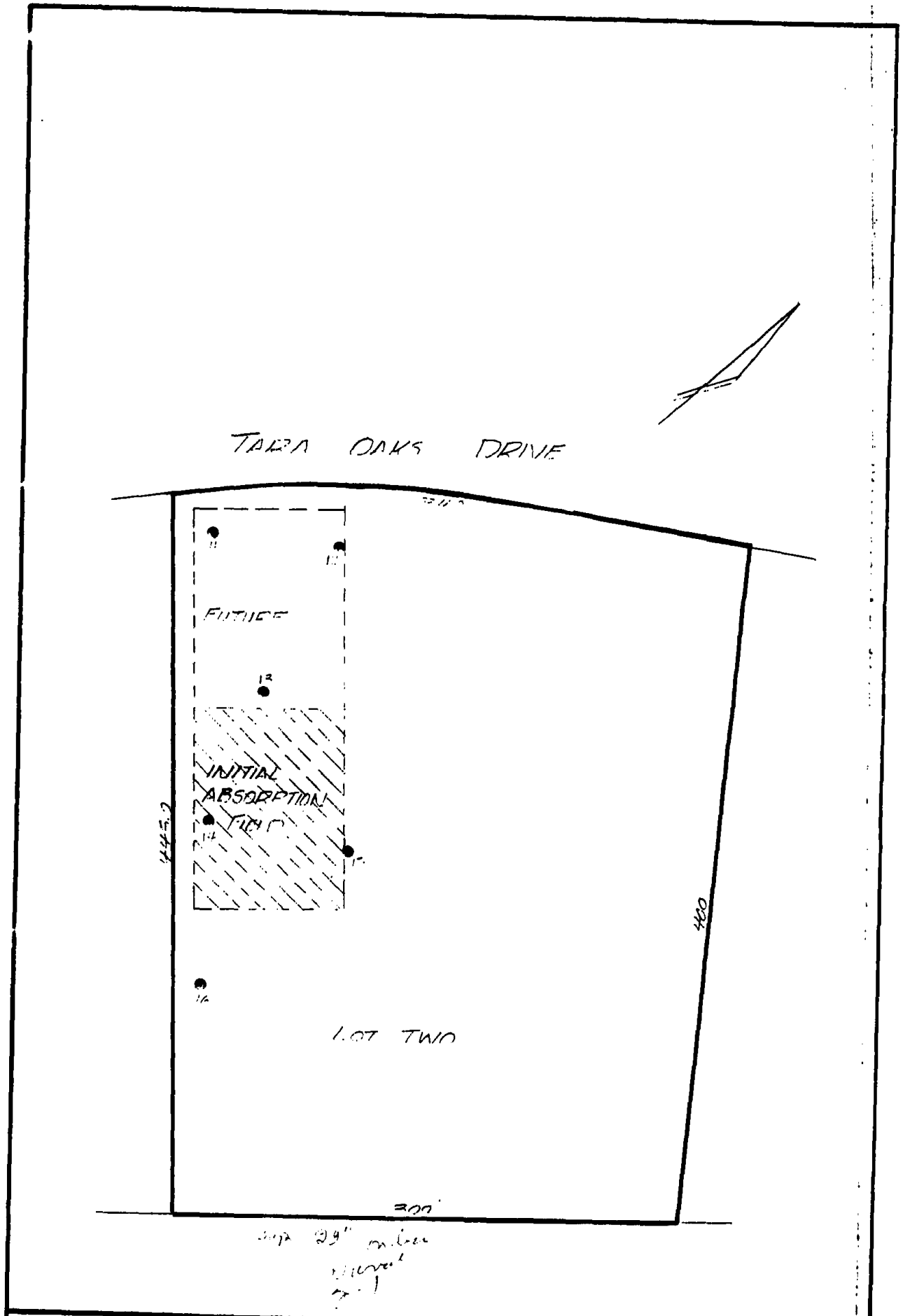
1558A 11100 Tara Oaks Dr.
Lot 2



Legend		Project
LOCATION PLAN FOR ABSORPTION FIELD	SUBSURFACE INVESTIGATIONS, INC. GEOTECHNICAL ENGINEERS CONSTRUCTION QUALITY CONTROL	TARA OAKS SUBDIVISION LOT TWO
Scale: 1"=50'		PROJECT NO 1369A

REPORT OF SITE EVALUATION
GROUND WATER ABSORPTION DISPOSAL SYSTEM DESIGN
LOT TWO
TARA CARS SUBDIVISION
MECKLENBURG COUNTY, NORTH CAROLINA

OUR PROJECT NUMBER 1569

SUBSURFACE INVESTIGATIONS, INC.
P O BOX 241284
CHARLOTTE, N.C. 28224-1284
(704) 334-6819

March 21, 1986
REVISED 8/12/86
8-12-86

Mr. Harvey Rima
13617 Andulusian Drive
Matthews, North Carolina 28105

SUBJECT: REPORT OF SITE EVALUATION
GROUND WATER ABSORPTION DISPOSAL SYSTEM DESIGN
LOT TWO
TARA OAKS SUBDIVISION
MECKLENBURG COUNTY, NORTH CAROLINA

OUR PROJECT NUMBER 1569

Dear Mr. Rima:

Subsurface Investigations, Inc. has completed the authorized site evaluation and ground absorption disposal system design for the above site on Tara Oaks drive, located at the intersection of Tara Oaks Drive and Indian Trail Road.

The data assembled in this investigation and used to design this system are included as matter of record so that variance from these conditions can be identified for re-evaluations. The remaining section of this report presents the findings and design recommendations for this site.

The site was visited by our personnel in February 1986 to establish data necessary for ground absorption system design. A summary of this data is presented below.

LOCATION: Lot 2 is located 500 feet south of the intersection of Tara Oaks Drive and Indian Trail Road. The ground absorption systems will be located on the test boring site as represented in Figure One.

SITE GEOLOGY: The site is located in a geologically schist and slate rock region in Mecklenburg County. These rocks are moderately hard, weathered, fine grain slate rock that lies about 23 inches below the surface.

The soils associated with this type of rock unit is generally slatey silt looms and clayey textures providing a slower drainage but fairer retention for efficient treatment purpose.

SITE DESCRIPTION: The site consists of partially wooded lot sloping 2.8% easterly to westerly. Vegetation consists of hardwoods, pines with some underbrush and very little grassy

area.

SOIL TEXTURE AND DEPTH: Soils observed at this site are primarily silts and clayey silts at the surface which extend to depths of 8" to 30" inches.

GROUNDWATER: No ground water was encountered in our auger borings and is not anticipated to present a restrictive horizon for shallow system.

SOIL PERMEABILITY: Four soil percolation tests were performed at each site in the manner prescribed in the North Carolina Administrative Code, Title 10. The result is shown on Table 1 along with the soil stratification.

The disposal field area should not be crossed with any heavy vehicles either before or after installation of the field, as excessive compaction or PVC pipe damage may occur. Subsurface Investigations will be available for inspection during initial and final phases of project completion as required by the local Health Department. Balancing operations to assure distribution over the entire field must be performed prior to covering of the PVC pipe laterals.

THe attached figures, sections and tables complete the design for this system.

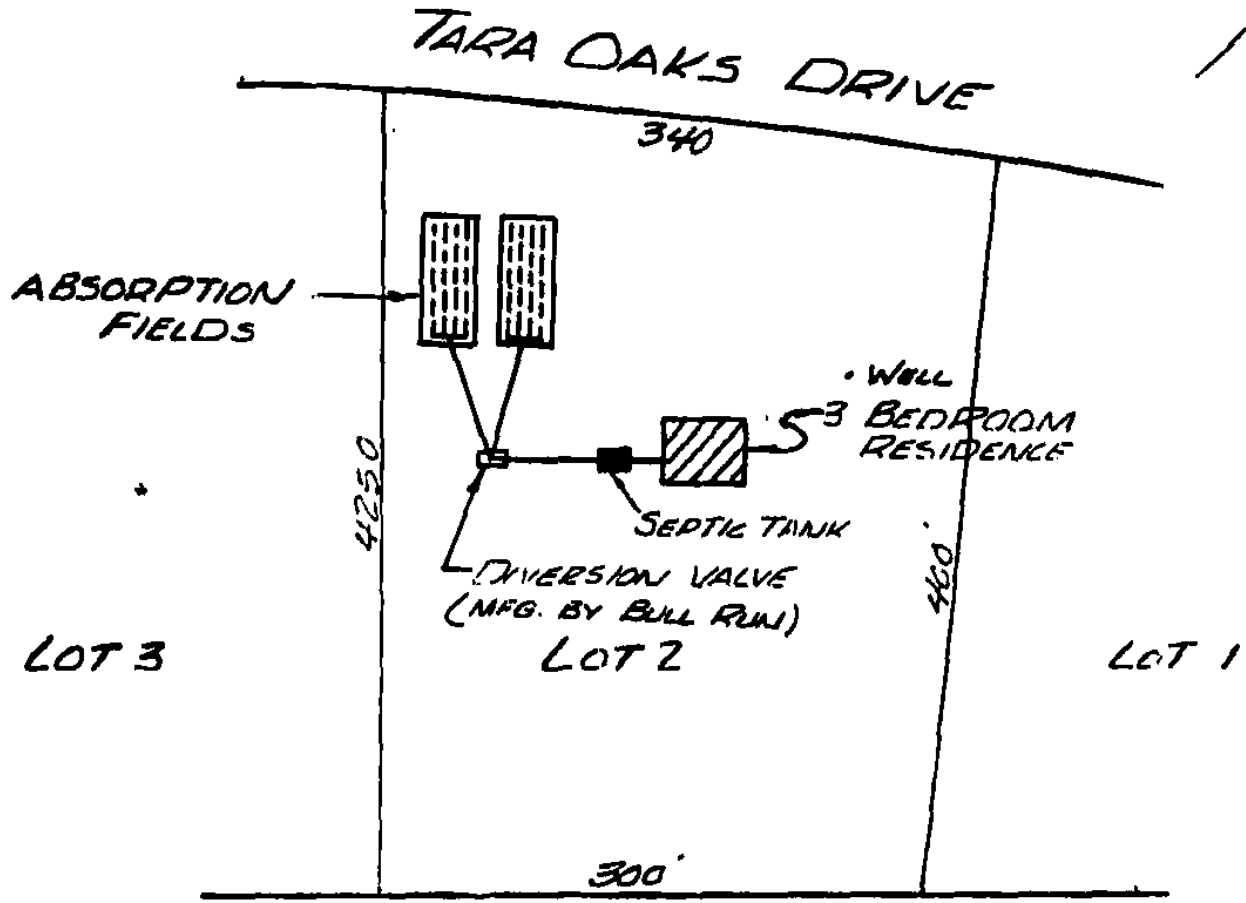
Sincerely,

SUBSURFACE INVESTIGATIONS, INC.

Thomas L. Wright
Technician

William G. Smith, P. E.
President

TLW/WGS:ia



Revised 8-12-86

Legend

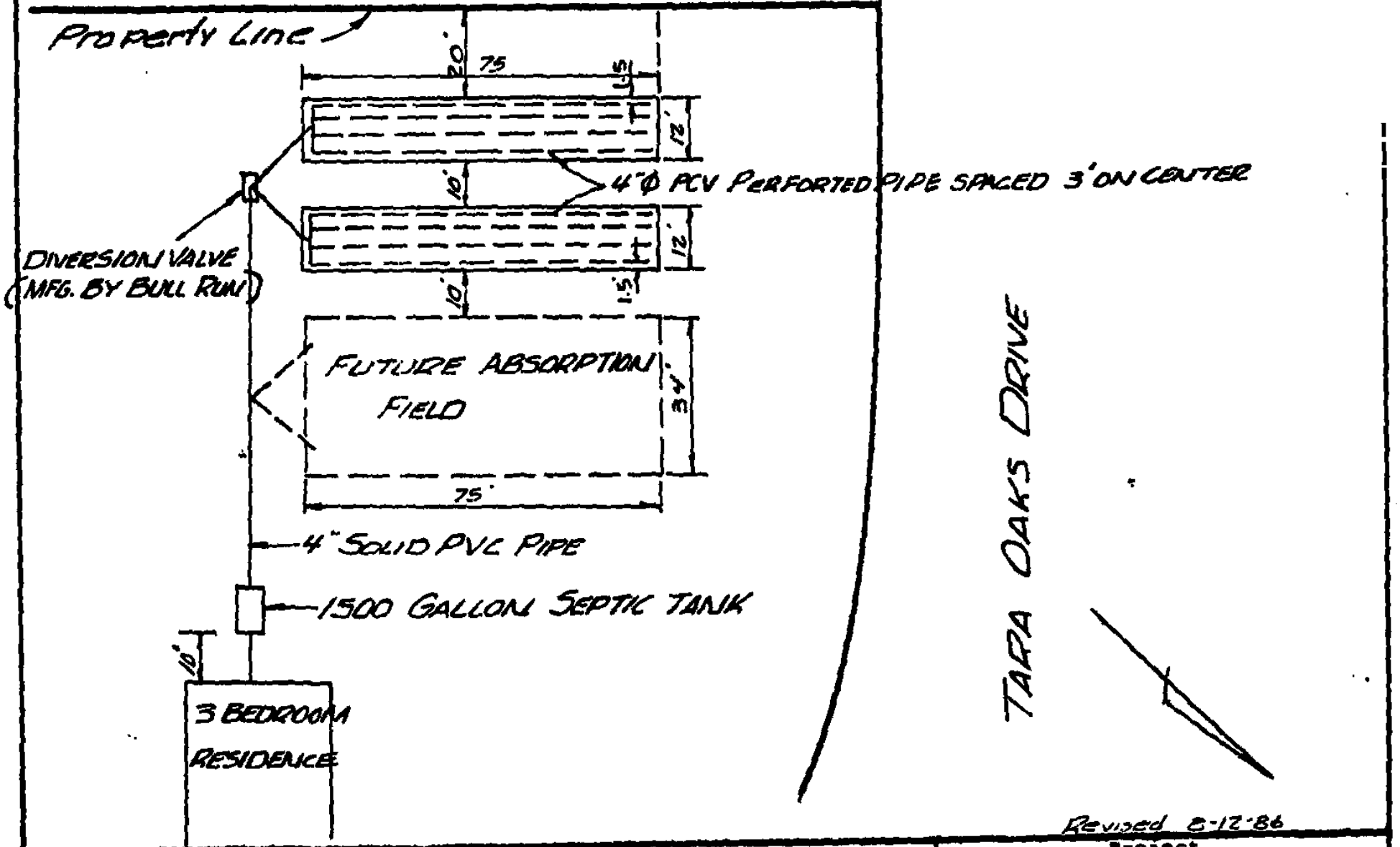
PLOT PLAN

Scale: 1"=100'

SUBSURFACE INVESTIGATIONS, INC.
GEOTECHNICAL ENGINEERS
CONSTRUCTION QUALITY CONTROL

Project

LOT TWO IN TARA OAKS SUBDIVISION MECKLENBURG CO. N.C. NO. 1569A



Revised 8-12-86

Legend

PLOT PLAN

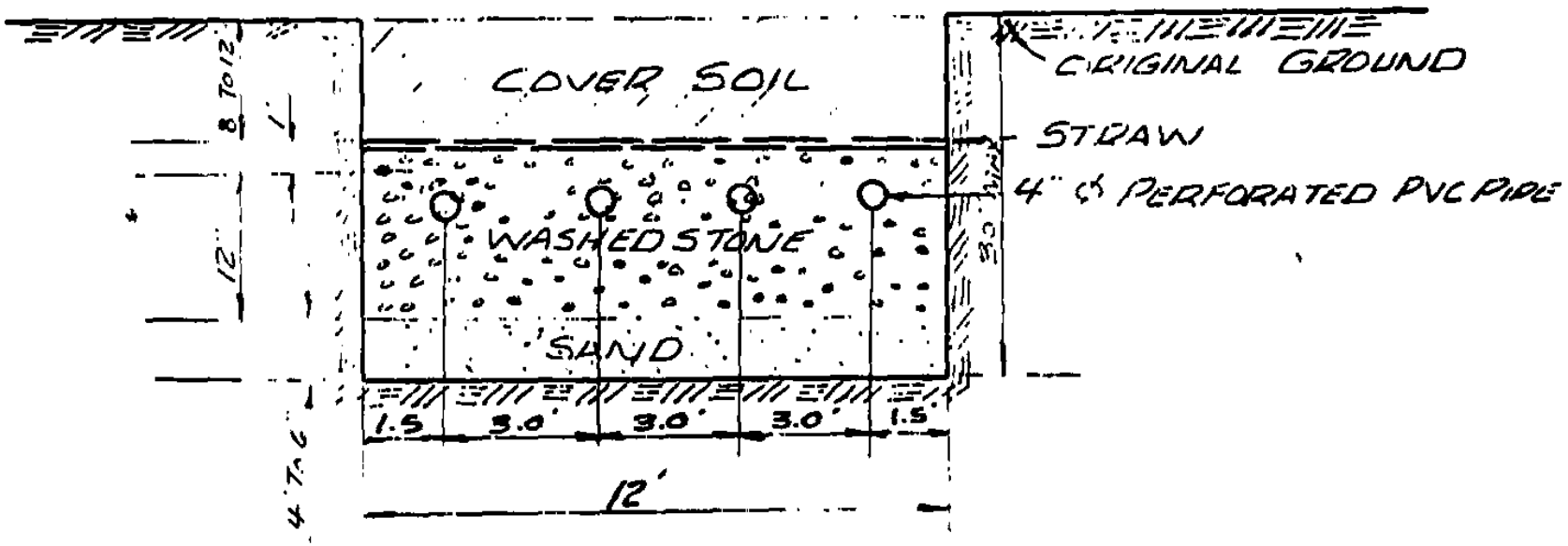
Scale: 1" = 30'

SUBSURFACE INVESTIGATIONS, INC.
GEOTECHNICAL ENGINEERS
CONSTRUCTION QUALITY CONTROL

Project

LOT TWO IN TARA OAKS SUBDIVISION MECKLENBURG CO., N.C.

N01569A



Revised 8-12-86

Legend

CROSS SECTION / ABSORPTION BED

Scale: NONE

SUBSURFACE INVESTIGATIONS, INC.
GEOTECHNICAL ENGINEERS
CONSTRUCTION QUALITY CONTROL

Project

LOT TWO IN TARA OAKS SUBDIVISION MECKLENBURG CO N.C.

NO 1569A

CERTIFICATE OF COMPLETION/OPERATION PERMIT

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 1558 A DATE: 5-6-87

TC: 197-141-01 ☐ L ☑ CRT

SERIAL № 10225

Name of Owner Moore, Charles Juris.:

Address of Property 11100 Tara Oaks Drive

Inspection Data:

Tank Material pre-cast

Total Length of Drainfield 600

Number of Lines 6 @ 100

Cover Depth 10"

Water Supply Source well

Distance to Water Source 50'

Excavation Inspected 5-6-87

Tank(s) Inspected 5-6-87

Wash Line Inspected —

High Water Alarm Inspected ✓

PLOT

Design: CTR#

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 ☐ 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: Excellent workmanship - change beds 60-90 days or as needed

John R. Atkisson
Environmentalist

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

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR PERMIT

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

FILE: 1554-A DATE: 4-1-87

TC: 157-141-01 ☐ L

SERIAL № 10762

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 4-28-87. All work shall be completed on or before 5-1-87, 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 Department of Environmental Health 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.

Alternate System plan on File

PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank _____ gallons

Tank Construction PCC

Absorption and/or Nitrification Lines:

Trench Width 12' feet

Total Line Length 600' feet

Number of Lines Eight

Depth of Stone 12" stone 6" sand inches

Distance from House 5' feet

Distance from Property Line 10' feet

Distance from Well 756 feet

NAME OF OWNER Moore Charles

LOCATION OF PROPERTY 11100 Java Oaks Dr.

Comments: Two Beds 75'-1 x 12' x 12" Stone, 6" Sand
Install as diagramed on Alternate system plan

Plan Approved by BDH
Division or Section Head

Jim Emerson
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 Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER OR AGENTS COPY

MECKLENBURG COUNTY

Department of Environmental Health

June 23rd, 1986

Katherine L. Sikora
13617 Andulusian Dr.
Matthews, NC 28105

RE: Property located at 11100 Tara Oaks Dr. L2
FILE: 1558A
PARCEL: 19714101 PO

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 results of this investigation showed the property to be classified UNSUITABLE for the installation of such a system. A copy of the Site Evaluation Report (Serial Number 11119) is enclosed.

State regulations provide that sites originally classified unsuitable may be utilized for the installation of alternate or modified sewage disposal systems provided the requirements of 10 NCAC 10A .1948 (c) are met. A reprint of this section is enclosed for your information.

Should you desire to file for permission to install an alternate or modified sewage treatment system on the property, please submit your proposal in the form of accurately dimensioned plans and specifications to this Department. They will be reviewed, and if it is determined that the proposed system may reasonably be expected to function satisfactorily, an Improvement Permit will be issued by the Department upon completion by you, of a formal request for lot reclassification.

If I may be of any assistance, please feel free to call.

Sincerely,

Bill D. Hardister, Jr., R.S.
Environmental Health Supervisor

Enclosure(2)

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

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
SITE EVALUATION REPORT
SERIAL NUMBER . -11119

File: 155 B-M Action 2H

Parcel: 19714101 P0 (PC

Location: 11100 Tara Oaks Drive

Subdivision:

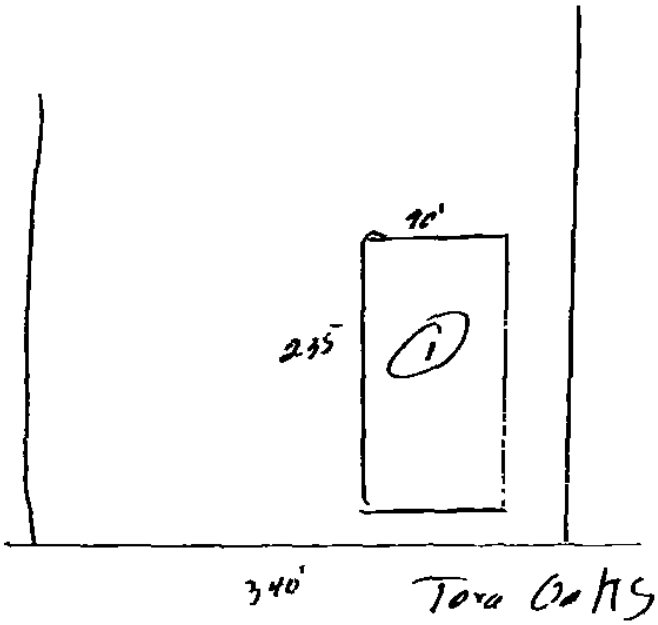
Lot: 2 Block: Acres: .5

Owner: Katherine L. Sikora
Address: 13617 Andulusian Drive
Matthews, N. C. 28105

Comments: area for drainfield
soil marker

Described by: W. A. Marlin

Date: 6-18-86



***** 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 2-6%	S PS U	S PS U	S PS U	S PS U	S PS U
Texture	S PS (U) 2-1 clay	S PS U	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U Block #1	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage	S (PS) U >36" to wet	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	S PS (U) soprolite 20" or less	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S PS (U) 20" or less	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space	S PS U	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 B Lignum I. Ma					
Area Classification	S PS (U)	S PS U	S PS U	S PS U	S PS U	S PS U

MECKLENBURG COUNTY
Department of Environmental Health

May 2nd, 1986

Katherine L. Sikora
13617 Andulusian Dr.
Matthews, NC 28105

RE: Property located at 11100 Tara Oaks Dr. L2
FILE: 1558A
PARCEL: 19714101 PO

Dear Sir:

At your request a soils investigation was conducted on the property designated above. Results of this investigation showed the site to be classified as UNSUITABLE under criteria as set forth in Section .1900 of the North Carolina Administrative Code, Title 10, Department of Human Resources, Chapter 10, Division of Health Services; Sanitary Engineering Section, Subchapter 10A, Sanitation. A copy of the Site Evaluation Report (Serial Number 10555) is enclosed.

The soil on this property is not suitable for use with any conventional system, modified or alternative, with which I am aware.

If I can be of assistance, please do not hesitate to call.

Sincerely,

Bill D. Hardister, Jr., R.S.
Environmental Health Supervisor

Enclosure

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
SITE EVALUATION REPORT
SERIAL NUMBER 10555

File: 1558A **Action** 34

Parcel: 197-141-01 PO (1PC

Location: 11100 Tara Oaks Dr.

Subdivision: Tara Oaks

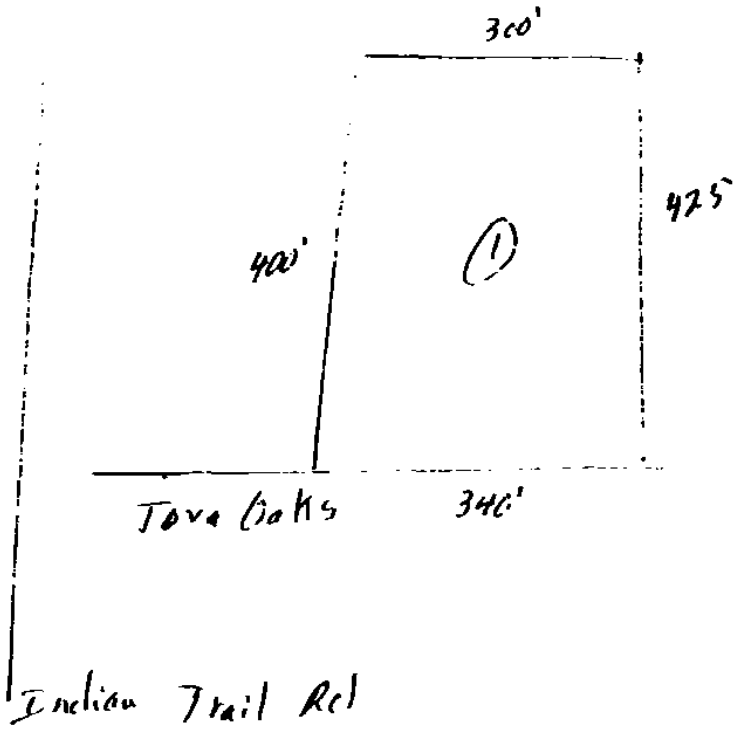
Lot: 2 **Block:** **Acres:** 3.03

Owner: Katherine L. Sikora
Address: 13617 Andulusian Dr.
Matthews, N. C. 28105

Comments: ~~Best~~ perk/soil evaluation is in rear quarter of lot

Described by: William R. Martin

Date:



***** 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 2-5%	S PS U	S PS U	S PS U	S PS U	S PS U
Texture	S PS (U) gr clay @ 24"	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) some perched water @ 30"	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	S PS (U) 18-30"	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S PS (U) saprolite 18-32"	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space	S (PS) U	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	IvB Lynnville					
Area Classification	S PS (U)	S PS U	S PS U	S PS U	S PS U	S PS U

APPLICATION FOR AN IMPROVEMENT PERMIT

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: 1558 A
TC: 197 141 01
SERIAL: № 10028
☒ L ☐ CRT

JOB LOCATION

① ADDRESS: 11100 (STREET NO.) TARA OAKS Dr (STREET) ② FILE:
③ JURISDICTION: ④ TAX PARCEL NO.:
⑤ SUBDIVISION: TARA OAKS. ⑥ LOT: #2 ⑦ BLOCK:

OWNER

⑧ NAME: Charles (FIRST) David (MIDDLE) Moore (LAST)
⑨ MAILING ADDRESS: 3110 GlenElm Court
⑩ CITY: Charlotte ⑪ STATE: NC ⑫ ZIP: 28212
⑬ PHONE: (WORK) Wife - 372-7134 ⑭ (HOME) old 394-1773 New 535-3843

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? 5
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 DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: Katherine S. Nelson
Date: April 28, 1986

IMPROVEMENT PERMIT

The undersigned, an authorized agent of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH, 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

John R Adkisson 8/14/86
Director or Authorized Section Head / Date

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

5292 0340

208

AUG 13 3 55 PM '86 FILE NO. 1559-A

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

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

The undersigned, KATHERINE L. SIKORA,

owner of property located at 1116 TAFT OAKS DR. CHARLOTTE, N.C.,

("the site") and described in an instrument recorded in Book 4887 at Page 123, 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 13th day of August, 1986.

Katherine L. Sikora (SEAL)

(SEAL)

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, Esilda M. Hartz, a Notary Public for said County and State, do hereby certify that Katherine L. Sikora personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this 13th day of August, 1986.

Esilda M. Hartz
Notary Public

My Commission Expires:

DRAWN BY OMSI TO: ENVIR. HEALTH

State of North Carolina, County of Mecklenburg
The foregoing certificate of Esilda M. Hartz
a Notary Public of said County and State
is certified to be correct. This 13 day of August 19 86
Charles E. Crowder, Register of Deeds By Mary A. Posey Deputy

WEBB COUNTY DEPARTMENT OF
RECEIVED
AUG 2 - 1988
ENVIRONMENTAL HEALTH

5.00
1.00
4.00
1.00

APPLICATION FOR SOIL INVESTIGATION

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 1558A

TC: 197-141-01 L

MECK C... DEPARTMENT OF
RECEIVED
MAR 8 1985
ENVIRONMENTAL HEALTH

JOB LOCATION

① ADDRESS: 11100 TARA OAKS DR

② SUBDIVISION: TARA OAKS ③ LOT: #2 ④ BLOCK:

⑤ PARCEL REFERENCE: BOOK NO.: 197 PAGE NO.: 141 PARCEL NO.: 02

⑥ DEED REFERENCE: BOOK NO.: PAGE NO.:

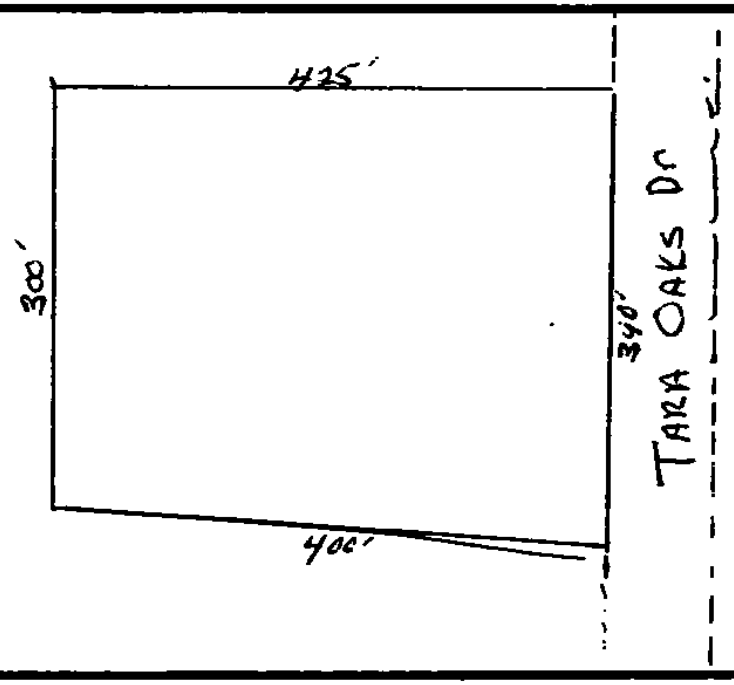
⑦ NAME: KATHERINE (FIRST) L. (MIDDLE) SIKORA (LAST)

⑧ MAILING ADDRESS: 13617 ANDALUSIAN DR.

⑨ CITY: MATTHEWS ⑩ STATE: N.C ⑪ ZIP: 28105

⑫ PHONE: (WORK) 704-553-3056 (HOME) 704-847-9049

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 DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: Katherine L Sikora

Date: 2/9/86

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER'S COPY