

5832 MINGUS RD

03705220

1/9/2008

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
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Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 6139B Permit #: _____ Tax Parcel #: 037-052-31

Property Owner: JODY & CHRISTY KELLY

Job Location Address: 5832 MINGUS ROAD

City: CHARLOTTE State: NC Zip Code: 28216

Operation Permit Issuance Date: _____ Contractor Name: B.W. CHRISTENBURY

Permitted Design Flow: 360 GPD

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: 1000 gallons

Effluent Pump Model: GOULDS 1/2 HORSE

Drainfield Installation ☐ N/A

Trench Depth: 12 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 450 feet

# of Lines: 5 @ 90 feet

Depth of Media: 12 inches (Type) CHAMBER

Depth of Cover: 12 inches

Distribution Device: PRESSURE MANIFOLD

Inspection Dates

Tank(s) Inspected: 8/29/06

Excavation Inspected: 8/29/06

Pump & Controls Inspected: GOULDS 1/2 HORSE 8/29/06

Bed Installation *(For Repair Installations ONLY.)* ☒ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source

☒ Municipal ☐ Private Well ☐ Community Well

☐ Other _____

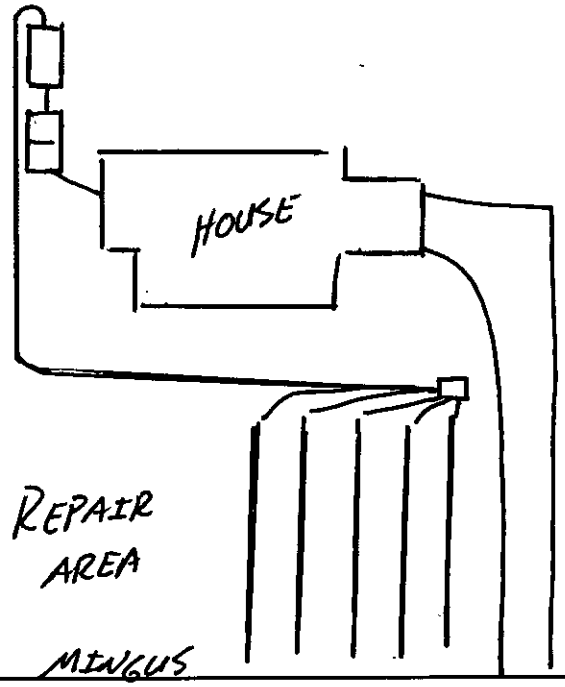
System Installation Setbacks

Distance from Building Foundation: >5' feet

Distance from Property Line: 710' feet

Distance from Water Supply Source: >100 feet

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



The undersigned has inspected the Septic Tank System described above, and certifies it has been ☐ installed ☐ altered ☐ repaired ☐ as detailed in the plot above ☐ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. The issuance of this 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 15A NCAC 18A. 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.

Notice: Disturbance of the designated repair area may result in the Suspension or Revocation of this permit.

Comments: System Classification & Type: III 69 Pump to SHALLOW PLACED INNOVATIVE SYSTEM

DENR Authorized Agent: Jeremy Nicholson, R.S. Signature: Jeremy Nicholson, R.S.

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

INSTALLATION APPROVAL for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 6139B Permit #: _____ Tax Parcel #: 037-052-31

Property Owner: JODY & CHRISTY KELLY

Job Location Address: 5832 MINGUS ROAD

City: CHARLOTTE State: NC Zip Code: 28216

Installation Approval Issuance Date: 8/28/06

Permission is hereby given to ☒ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge, as specified herein at the described location. This approval is granted based upon the application information submitted to our office. All work shall be completed on or before 9/25/06, after which date this approval shall be null and void. The system shall meet all of the construction requirements of 15A NCAC 18A. 1900 which are in effect on the date of granting this approval. 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 of hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

***NOTICE: This system shall not be installed while soils are in a wet condition.**

Permitted Design Flow: 360 GPD

Site LTAR: 0.20 GPD/ft² (For new installations only.)

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: 1000 gallons

Drainfield Design ☐ N/A

Trench Depth: 12 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 450 feet

# of Lines: 5 @ 90 feet

Depth of Media: 12 inches (Type) INV.

Distribution Device: PRESSURE MANIFOLD

Bed Design *(For Repair Installations ONLY.)* ☒ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Distribution Device: _____

Water Supply Source

☒ Municipal ☐ Private Well ☐ Community Well

☐ Other _____

Minimum System Setbacks

Distance from Building Foundation: 5 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 100 feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)

INSTALL ACCORDING TO DESIGNED PLANS.

Comments: System Classification & Type: IIIbg SHALLOW PLACED INNOVATIVE SYSTEM
12" SOIL COVER REQUIRED
PRESSURE MANIFOLD

DENR Authorized Agent: JEREMY MCHENRY, L.S. Signature: Jeremy McHenry, L.S.

IKA

FEE: 300.00
DATE: 11/3/05
Check 2928

AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION

15338
20

ACS

PERMIT NUMBER: 6139B
PARCEL NUMBER: 037-052-31

JOB LOCATION ADDRESS: 5832 Mingus ~~Drive~~ Road
PROPERTY OWNER: Joseph & Kristi Kelly
BUILDING CONTRACTOR:
SUBDIVISION NAME: NA
AUTHORIZATION ISSUED BY: Jeremy Michelone, R.S. DATE: 11/01/05

Jeremy Michelone, R.S.
DENR/DEH AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 6139B, AND THE ATTACHED SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

2. AN *INSTALLATION, CONSTRUCTION, ALTERATION AND/OR REPAIR APPROVAL* MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A REGISTERED SEPTIC TANK CONTRACTOR WITH THE MECKLENBURG COUNTY HEALTH DEPARTMENT.

3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS CONSTRUCTION AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. THIS CONSTRUCTION AUTHORIZATION AS PROVIDED IN G.S. 130A-335(f) AND G.S. 130A-336(b) SHALL BE VALID FOR A PERIOD EQUAL TO THE VALIDITY OF THE IMPROVEMENT PERMIT, NOT TO EXCEED 60 MONTHS.

5. OTHER CONDITIONS:
   Leave pin flags in place until installation.
   Agreement forms on file before CA release.

CONDITIONS OF IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATON

Permit Number: **6139B** Tax Number: **03705231**

- The IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be **NO** grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is **NOT** transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

Basement: ☐ Yes ☒ No ☐ Partial Basement

Primary Wastewater System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

0.2 Long-term acceptance rate (GPD/ft^2)	**360** Max gallons/day wastewater flow	**1350** Absorption Area (ft^2)	**9** Trench spacing (min. on centers) (ft)
Serviced by private well: ☐ Yes ☒ No	**1500** Gallon septic tank	**450** Total trench length (ft)	**12** Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.)
3 Bedrooms in residence	**1000** Gallon pump tank	**NA** Depth of stone (in)	

Any surface water present: **NO** Type: Minimum separation distance (ft):

Additional conditions: **Leave pin flags in place until installation!**
Install system according to designed plans on file.
Agreement forms on file before CA release.

Repair Area System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

1350 Absorption Area (ft^2) **450** Total trench length (ft)	**NA** Depth of stone (in)	**9** Trench spacing (min. on centers) (ft)	**12** Maximum trench depth (in)

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. The approval is granted in accordance with the provisions of Laws and Rules For Sewage Treatment, and Disposal Systems 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 Approval is granted by this Department.

*** This Improvement permit is transferable.

DENR Authorized Agent — Date 11/01/05

Owner/Agent Signature — Date 11/3/05

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 N. TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE: (704) 336-5103
FAX: (704) 336-6894

NC DENR
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

FOR REGISTRATION JUDITH A. GIBSON
REGISTER OF DEEDS
MECKLENBURG COUNTY, NC
2005 NOV 03 10:54 AM
BK:19584 PG:617-620 FEE:$20.00

INSTRUMENT # 2005221020

2005221020

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

WASTEWATER TREATMENT AND DISPOSAL SYSTEM DESIGN AGREEMENT: 15A NCAC 18A .1948 AN ANY OF THE FOLLOWING RULES: .1956; .1957(a); .1957(b); OR .1957(c); OR .1969

FILE #: 6139B

PARCEL #: 039-052-31

The undersigned, Kristi B Kelly, owner of property located at 5832 Mingus Drive, (the "site") and described in an instrument recorded in Book 18924 at Page 313, Mecklenburg Public Registry, hereby acknowledges that the undersigned applied to the Mecklenburg County Health Department (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 15A NCAC 18A .1900 et seq.; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested 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 is allowed by the rules; 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 the responsibility of the designer, owner, developer, installer, or user of the system, as applicable, 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 acknowledges that the following will apply to the site:

This instrument was prepared by: Kristi B Kelly

Mail after recording to: Kristi Kelly
1317 Plumcrest Drive
Charlotte NC 28216

- Any changes on the property may make the Improvement Permit null and void and may make the Improvement Permit subject to revocation.

- Do not grade, cut, fill, pave, construct a building or deck, dig a well, install a swimming pool or otherwise cover or disturb the soil (except for planting and maintaining grass or other ground covers) in a manner which will adversely affect the repair area or area where the septic tank system is located.

- When a private certified operator is required, no improvement permit for the designated repair shall be issued unless there is a private certified operator to carry out this management program in the service area where the proposed system is to be located. (Refer to rule .1961, Maintenance of Sewage Systems," for further information.)

- Additional fees will be required according to the Mecklenburg County user fee schedule applicable at the time for the issuance of a repair permit for any subsequent repairs to the sewage treatment and disposal system or for installation of a replacement system.

- At the time repairs to the sewage treatment and disposal system are to be made or a replacement system installed, the regulation in effect at the time will govern the repairs or installation of a replacement 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.

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 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.

IN WITNESS WHEREOF, the undersigned has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, this 3 day of November, 20 05.

_____
(Corporate Name)

Kristi B Kelly (SEAL)

_____ (SEAL)

By: _____

_____ (SEAL)

_____ President

_____ (SEAL)

ATTEST:

_____

_____ Secretary

(Corporate Seal)

STATE OF NORTH CAROLINA

COUNTY OF Mecklenburg

I, Mary M. James, a Notary Public for said County and State, do hereby certify that Kristi B. Kelly personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal this 3 day of November, 20 05.

MARY M. JAMES NOTARY PUBLIC MECKLENBURG COUNTY, N.C.

Mary M James
Notary Public

My Commission Expires: 8/11/07

STATE OF NORTH CAROLINA

COUNTY OF _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally came before me this date and acknowledged that he is _____ Secretary of _____, a North Carolina corporation, 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 _____ as its _____ Secretary.

WITNESS my hand and notarial seal this _____ day of _____, 20 _____.

_____
Notary Public

My Commission Expires:

_____

REVISED 8-13-02

JUDITH A. GIBSON
REGISTER OF DEEDS, MECKLENBURG
COUNTY & COURTS OFFICE BUILDING
720 EAST FOURTH STREET
CHARLOTTE, NC 28202

PLEASE RETAIN YELLOW TRAILER PAGE

It is part of the recorded document, and must be submitted with original for re-recording and/or cancellation.

****

Filed For Registration: 11/03/2005 10:54 AM

Book: RE 19584 Page: 617-620

Document No.: 2005221020

PRMIT 4 PGS $20.00

Recorder: SERENA ROSS

2005221020

County copy



MICHAEL ATHANAS
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
FORT MILL, S.C. 29715
803-802-4403
803-802-4402 (FAX)

FAX

TO: Jeremy Micheloni **FROM:** M. ATHANAS

PHONE: (704) 336-5572 **FAX:** (704) 336-6894

DATE: 12-10-05 **PAGES:** 4

COMMENTS:

Jeremy
Here are the changes, call me w/ any questions. Kelly Project.
Distance from the Property Line to the House is appox 170'; therefore the have considerable room for moving the house.
Also I have made the corrections we talked about.

Thank you for your Assistance.

Mike.

December 10, 2005

Mr. And Mrs. Kelly
1317 Plumcrest Drive
Charlotte, N.C. 28216

Mr. & Mrs. Kelly

This letter is in reference to your request to change from a proposed 25% reduction system to a 35% reduction system. As per our phone conversation, it is my recommendation not to reduce the size of your system due to the fact that the subsoils on Lot 2B are shallow to unsuitable saprolite, weak in structure, and contain indications of soil wetness in certain areas. Although, this area is permittable through North Carolina .1900 Rules, anything we can do to prolong the life of the system should be done.

In conclusion, I have made the revisions you requested and have enclosed the new data sheet along with a revised site plan. If you have any further question, please contact me at (704) 576-3887.

Sincerely,

Michael Athanas, LSS



Lot 2B/5832 Mingus Road

Number of Bedrooms: **3/360gpd**
Proposed LTAR: **.2gpd/ft2**
Water Source: **City Water**
Building Footprint: **51'x84'**
Building Setbacks: **R-3, Front 30, Rear 45, Side 6**
Proposed System Type: **25% Reduction**
Tank Size: **1500 gals**
Distribution Method: **Pump to Pressure Manifold, (5X78')**
Pressure Head: **2'**
Flow per Tap: **7.1gpm**
Number of Taps: **5**
Hole Size & Material: **1/2" SCH 40 PVC Taps**
System Flow: **35.50gpm**
Dosing Volume: **183gal**
Elevation Head: **16.4' (May change if house location if moved)**

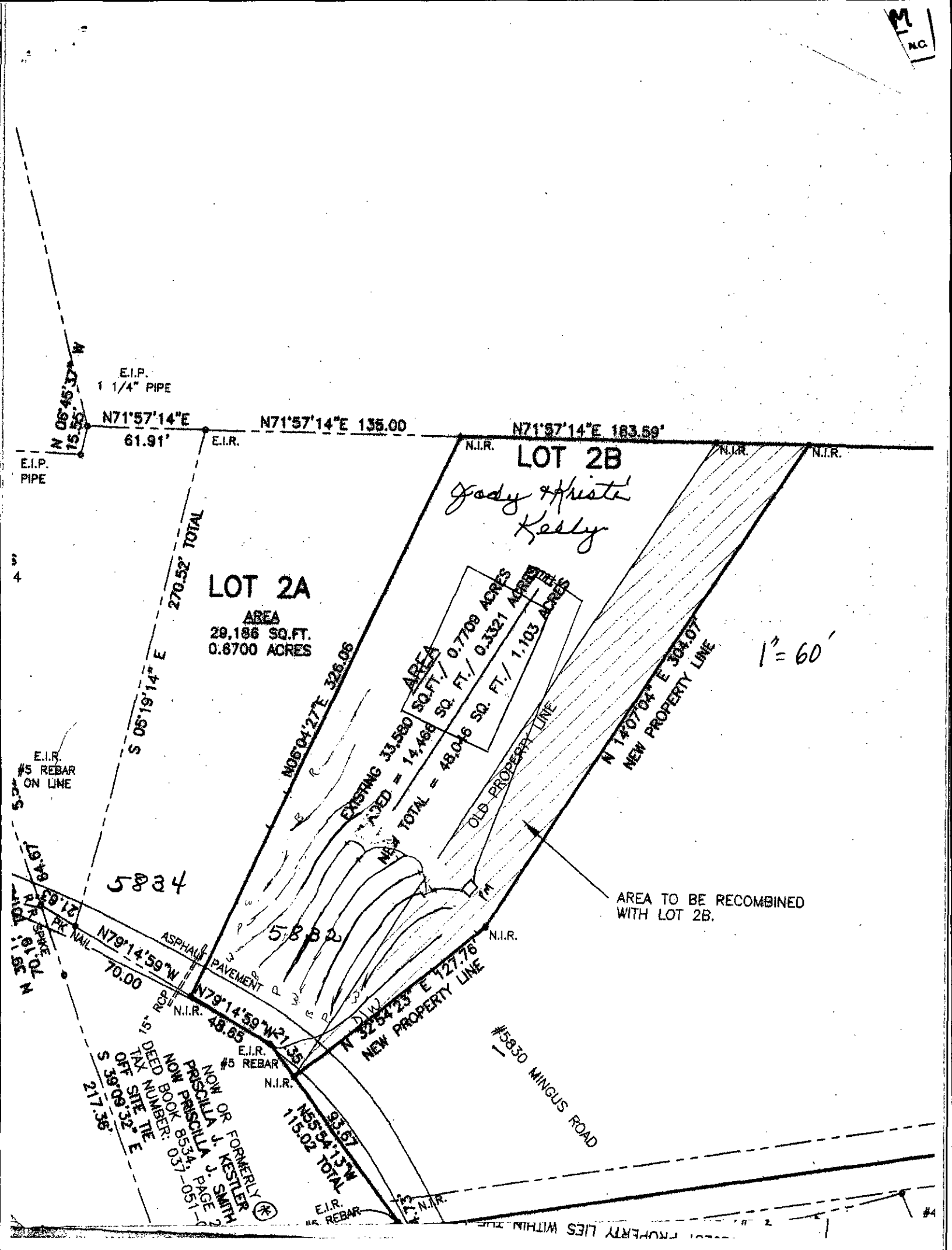
LINE	*LENGTH*	*ELEVATION*
White 1	70'	2.0
Pink 2	***90'***	***2.2***
Blue 3	***94'***	***2.5***
White 4	***96'***	***3.0***
Pink 5	***100'***	***3.4***
Blue 6	***108'***	***4.0***
White 7	125'	4.5
Pink 8	115'	5.0
White 9	30'	5.4
Blue 10	66'	5.9
Red 11	50'	6.6

Pump Tank: 11.6

Benchmark: 1.7 (Front Right Corner)

Initial System: 35% Reduction, Pink 2 - Blue 6 **(5X78')**

Repair System: White 1 & White 7 - Red 11 = 450'+ of 25% Reduction


E.I.P.
1 1/4" PIPE
N 06°45'37" W
15.55'
N71°57'14"E
61.91'
E.I.R.
N71°57'14"E 135.00
N71°57'14"E 183.59'
N.I.R.
N.I.R.
N.I.R.
E.I.P.
PIPE
LOT 2B
Jody & Kristi
Kelly
LOT 2A
AREA
29,186 SQ.FT.
0.6700 ACRES
S 05°19'14" E 270.52' TOTAL
N06°04'27"E 326.06
AREA
SQ.FT./ 0.7709 ACRES
SQ. FT./ 0.3321 ACRES
SQ. FT./ 1.103 ACRES
EXISTING 33,580
NEW TOTAL = 48,046
N 14°07'04" E 304.07'
NEW PROPERTY LINE
OLD PROPERTY LINE
1" = 60'
E.I.R.
#5 REBAR
ON LINE
5834
5832
AREA TO BE RECOMBINED
WITH LOT 2B.
N 35°18'07" W
84.67'
21.63'
PK NAIL
SPIKE
N79°14'59"W
70.00
ASPHALT
PAVEMENT
N79°14'59"W 21.35
15' ROW
N.I.R.
48.65
E.I.R.
#5 REBAR
N.I.R.
N 32°54'23" E 127.76'
NEW PROPERTY LINE
N.I.R.
#5830 MINGUS ROAD
N55°54'13"W
115.02 TOTAL
93.67
NOW OR FORMERLY
PRISCILLA J. KESTLER
NOW PRISCILLA J. SMITH
DEED BOOK 8534, PAGE
TAX NUMBER: 037-051-02
OFF SITE TIE
S 39°09'32" E
217.36'
E.I.R.
#5 REBAR
N.I.R.
PROPERTY LIES WITHIN THE
#4

FILE # 6139B
T.C # 037-052-31

October 22, 2005

Jeremy Michelone, R.S.
700 N Tryon Street, Suite 211
Charlotte, NC 28202

Re: Lot 2B off of Mingus Road/Christy & Jody Kelly

Dear Mr. Michelone,

On October 3rd of 2005 a soil evaluation was conducted in conjunction with Mecklenburg County on the 1.1 acre tract/Lot 2B off of Mingus Road in Mecklenburg County N.C. A backhoe was used to evaluate four pits all of which are in the potential septic area. The purpose of the investigation was to determine the suitability of this 1.1 acre tract for the installation of a septic system. Site suitability for on-site waste disposal is based on soil characteristics, soil wetness, restrictive horizons, soil depth, topography, and available space.

After consulting with Mecklenburg County and evaluating the site, I am suggesting an ultra shallow conventional system with an LTAR of .2gpd/ft2 with a trench bottom of 12 inches with12 inches of cover for a three bedroom home (360gals/day). This system distribution will utilize a pump to pressure manifold to a 25% reduction system. For further information please refer to the soil data sheets and the design specifications sheet included in this report. If there are any further questions, I can be reached at (704) 576-3887.

25% REDUCTION

"OK"
36" WIDE TRENCH

Sincerely,

Michael Athanas, LSS

Jeremy Michelone, R.S.
11/01/05

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #:
COUNTY: MECK

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Jody Icelly APPLICANT: Jody Icelly
ADDRESS: 1317 Plumcrest Dr Char NC. APPLICATION DATE: 10-20-05 DATE EVALUATED: 10-3-05
PROPOSED FACILITY: 3BR. PROPOSED DESIGN FLOW (.1949): 360gpd. PROPERTY SIZE: 1.1 Ac.
LOCATION OF SITE: 5832 Mingus Rd. Char. NC. PROPERTY RECORDED:
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other City
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 2-5%	0-14	Red Cly ABlc	Firm S/P (SExP)	—	28"	Few→Com SAP Incl.	—	.2
		14-28	R. Yell. Cly WSBlc	Firm S/P (SExP)					
		@28	Yell Silty Clay Loam SAP Mass Str.	F→Fri SS/SP (SExP)					
2	LS 2-5%	0-22	R. Cly SBlc	Firm S/P (SExP)	—		Few→Com SAP Incl.		.2
		22-34	R-Yell Cly WSBlc	Firm S/P (SExP)					
		@34	R-Y SIC SAP Mass	Firm S/P (SExP)					
3	LS 2-5%	0-18	Red Cly SBlc	Firm S/P (SExP)	—				.25
		18-40	R-Yell Cly WSBk	Firm S/P (SExP)					
4	LS 2-5%	0-15	Red Cly SBk	Firm S/P (SExP)	29"-39" 4-Bis 10YR6/8		Few SAP Incl		.2
		15-39	Red Yell Cly WSBk	Firm S/P (SExP)					
		@39	Chr 2						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1350 ft²	1350 ft²
System Type(s)	Innov./Conv.	Innov./Conv.
Site LTAR	.2	.2

OTHER FACTORS (.1946): Trench Bottom/Ultra Shallow
SITE CLASSIFICATION (.1948): PS.
EVALUATED BY: M. A
OTHER(S) PRESENT: Bill Marlin / Meck. Co.

COMMENTS: _____

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR	LPP .1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive) SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	SI (Silt) SICL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SLC (Silt Loam Clay)	0.6 - 0.3	0.3 - 0.15		
					MOIST	**WET**
	IV	SC (Sandy Clay) SIC (Silty Clay)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky) EFI (Extremely Firm)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)
		O (Organic)	None			

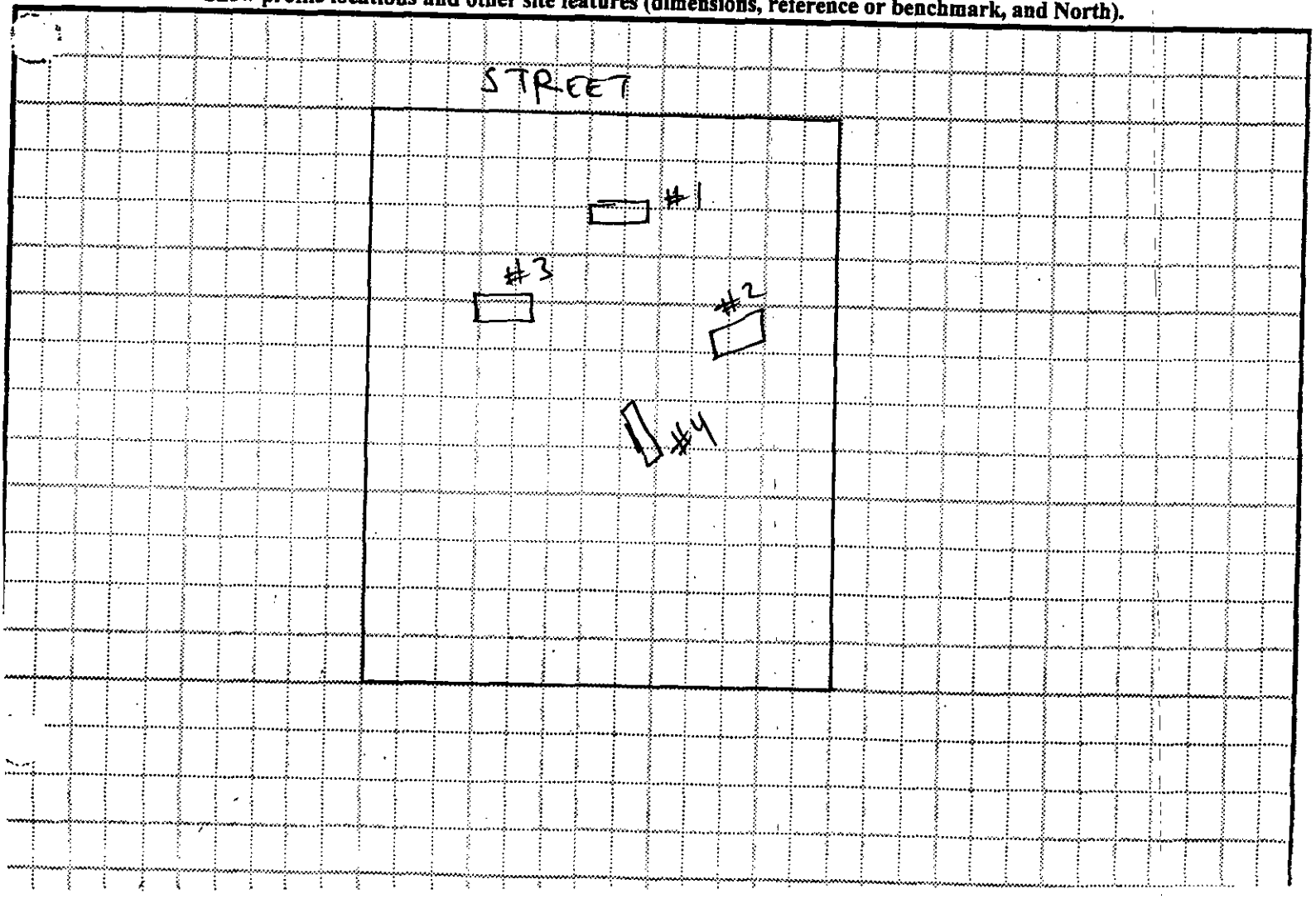
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

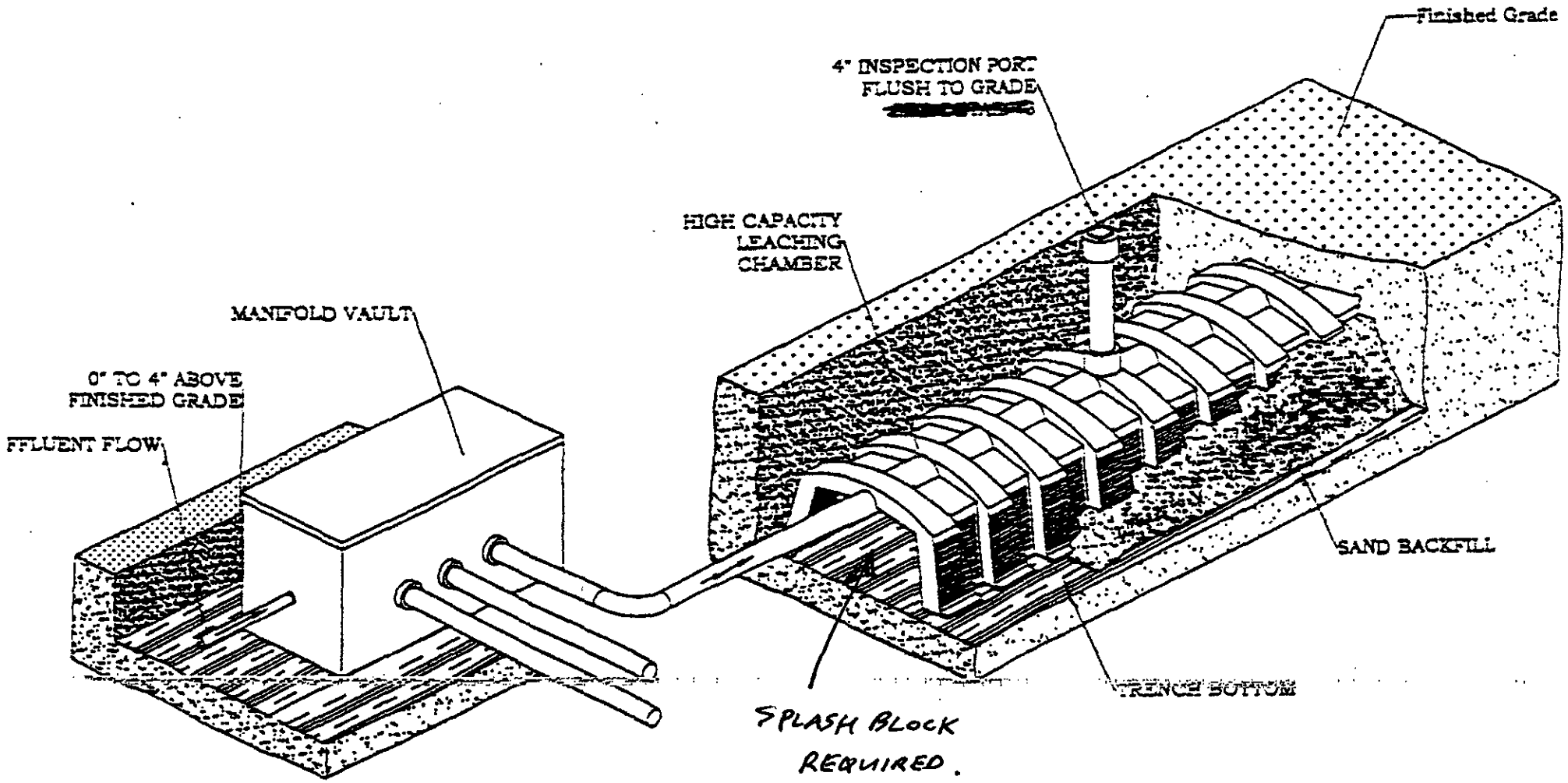
Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).



GRAVITY FED LEACHING CHAMBER
FED BY PRESSURE MANIFOLD
DETAIL 1.2A



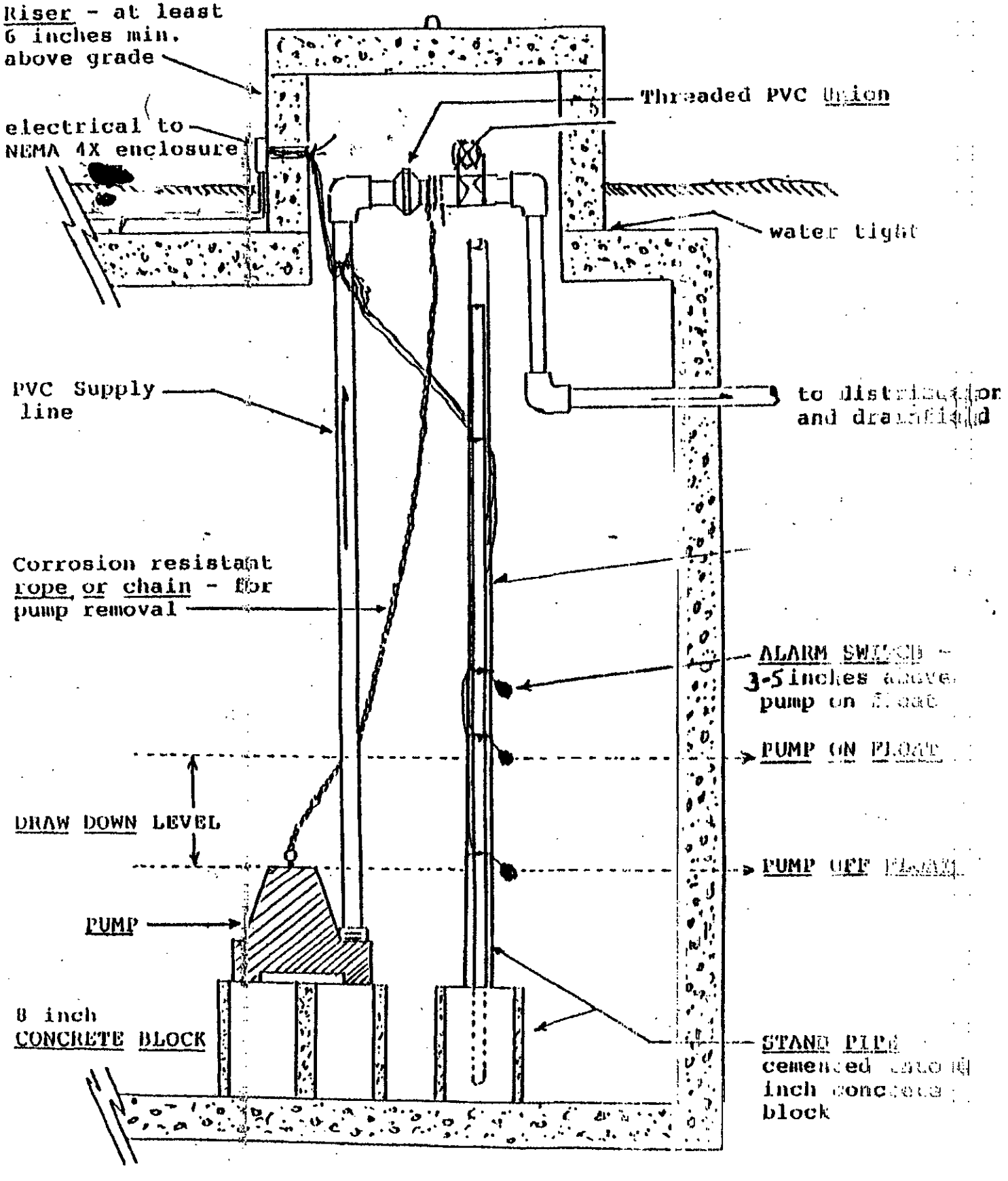
Profile View of Pressure Manifold for Sloping Site Installation
(not to scale)

Plan View of Pressure Manifold for Sloping Site Installation
(not to scale)

Finished Grade
Effluent Filter
Pump On/Off
Pump Fault Alarm
Float Tree
Additional alarm light
2" Check Valve
2" Ball Valve
24" Minimum

© 1995 Goulds Pumps

PUMP DIAGRAM



Simplex Vertical Float Controller with Alarm



APPLICATIONS

Superior quality simplex liquid level controller, automatically maintains pump operation, includes high level alarm warning for a variety of sump, effluent, sewage and water transfer applications.

SPECIFICATIONS

- Accepts single or dual power feed.
- Hand-off automatic pump selection switch.
- On-off control circuit switch.
- Oversized magnetic contactor.
- Numbered terminal strip-screw type.
- NEMA 4X, 30 watt, flashing red light.
- NEMA 4X, fiberglass enclosure with gasketed, hinged door and stainless steel hardware.
- NEMA 4X, alarm horn – 95db.
- 115 V, 3 amp, control circuit breaker.

Single Phase

- Field adjustable for 115 or 230 V, 60 Hz.

Maximum Pump Running Amps	Panel Order No.
20	S10020
27 (3 HP)	S10027*
36 (5 HP)	S10036*

*For 3 and 5 HP single phase, includes run capacitors and pilot duty overloads.

Three Phase

- Field adjustable for 208/230 /460/575 V, 60 Hz.
- 115V control circuit transformer.
- Adjustable motor overload protectors.
- Heaters not required.

Maximum Pump Running Amps	Panel Order No.
1.6 to 2.5	S3[illegible]625
2.5 to 4.0	S3[illegible]540
4.0 to 6.3	S3[illegible]063
6.3 to 10	S3[illegible]310
10 to 16	S3[illegible]016
16 to 20	S3[illegible]620
20 to 25	S3[illegible]025

FEATURES

■ Rugged NEMA 4X construction withstands even the most severe weather conditions and prevents corrosion.

■ Hinged door with lockable stainless steel latch for safe operation indoors and out.

■ High level alarm circuit includes spring loaded through door mounted silence switch for manual silence of alarm horn.

■ Through door mounted alarm test switch insures proper operation of the alarm circuit without the need to open the panel.

■ Through door mounted pump run light.

■ Top mounted high intensity flashing red light provides 360° visibility.

■ Pulsating, corrosion proof alarm horn.

■ Color coded wiring, screw type terminals and plug in sockets, ensure ease of field servicing.

■ Field wiring diagram, pan schematic and installation instructions included.

■ Panel can be wired for a single power feed for pump and control circuit or the control circuit can be wired to a separate power supply to insure alarm integrity in case of a tripped pump breaker.

■ Entire unit is UL/CSA approved and listed.

© 1995 Goulds Pumps

INFORMATION FOR THE INSTALLER:

- The permit should be read very carefully prior to bidding. The following are details that must be considered along with all other considerations.
- Tanks shall be approved by DEHNR, and certification supplied by the manufacturer.
- Tanks shall be water tested prior to installation.
- The installer shall be responsible to the owner for placement of the tanks and to insure that final grades are returned to the original natural grade, with exception of added structural features.
- The supply trench shall be compacted to eliminate cavities left during initial fill placement.
- Installation of the system shall be during dry conditions in order to protect the soil structure.
- All fittings shall be pressure rated fittings.
- All joints shall be cleaned with PVC pipe cleaner and a heavy bodied glue applied to weld all joints.
- Where required by the county health department, post installation inspections by the designer must be scheduled 5 week days in advance.
- Trenches shall be carefully excavated so the bottom is within 2" from the highest to the lowest points of elevation within the trench. If the bottom elevation needs adjusting after it has been trenched, it will be done by removing high points rather than filling low points. It is extremely important to insure that trenches are not over excavated during initial trenching. All fine grading within the trench will be hand done with a shovel. No loose material will be left in the trench
- All pipe openings in the tanks shall be properly grouted. This also applies to the joints around the riser.
- All tanks shall be properly back filled and compacted to prevent slump at a later date.
- Earth dams, constructed of relatively impervious material, shall be installed at the beginning and end of each lateral.
- No heavy equipment shall be used on the field during or after installation. The use of a small loader (i.e. Bobcat) or a trencher (i.e. Ditch Witch 2300/2310) may be used for installation.
- Elevations at pinning locations should be checked by the installer prior to beginning trenches.
- Pump tank riser should be 6" above grade, control panel should be 12" above grade.
- Septic tank riser shall be a minimum of 6" above finished grade.
- Raise trench walls, lime side-walls, install trenches 36" wide and have no more than 1/4" fall in 10 feet.

Dosing Volume Calculation Worksheet				File #: 6139 B
Note: Worksheet is based on conventional drain field design. Convert reduced drain field lengths to conventional equivalent. Drain field capacity is calculated based on 4" corrugated plastic tubing (0.65 gal/ft.).				
Drain field Capacity / Design Dosing Volume				
Total length of *CONVENTIONAL* drain field (ft.)	600	Input		
Total volume for drain field (gal.)	390.0	Calc.		
66% Dose volume (gal.)	257.4	Calc.		
75% Dose volume (gal.)	292.5	Calc.		
Design dose volume (gal.) "Averaged"	275.0	Calc.		
Dosing Tank Dimensions / Volume			*1,000 gallon pump tank is approximately:	
Tank length (ft.)	7.5	Input	7.5' L X 4.5' W x 4' H	
Tank width (ft.)	4.5	Input	*1,500 gallon pump tank is approximately:	
Tank volume per ft. (gal.)	252.5	Calc.	10' L X 4.5' W x 4.5' H	
Tank volume per in. (gal.)	21.0	Calc.		
Drawdown Calculation				
Tank drawdown per dose cycle (in.)	13.1	Calc.		
Actual dose volume delivered (gal.)	275.0	Calc.		
Pump Run Time				
Pump design flow rate (gpm)	35.6	Input	Scour Velocity for 2" SCH40 PVC supply pipe = 23 gpm	
Pump run time (min.)	7.7	Calc.	Scour Velocity for 3" SCH40 PVC supply pipe = 48 gpm	

- VERIFY 0.2 GPD/FT² LTAR (BILL MARLIN)
- 2" SCH 40 PVC FORCE MAIN
- PUMP SPECS. (NOT INCLUDED)
- VERIFY TOPOGRAPHY AT SITE TO BE < 10% SLOPE.

DESIGNED DOSING VOLUME: PROPOSED

@ 183 GAL / 35.55 GPM

= 5.15 MIN

@ 183 GAL / 21 GPF

= 8.7 IN. DRAWDOWN

11/1/05
TCT

Lot 2B/5832 Mingus Road

Number of Bedrooms: **3/360gpd**
Proposed LTAR: **.2gpd/ft2**
Water Source: **City Water**
Building Footprint: **51'x84'**
Building Setbacks: **R-3, Front 30, Rear 45, Side 6**
Proposed System Type: **25% Reduction**
X Tank Size: **1000gals** 1500 GAL ST / 1000 GAL PT
✓ Distribution Method: **Pump to Pressure Manifold, (5X90')**
✓ Pressure Head: **2'**
✓ Flow per Tap: **7.1gpm** – ½ SCH 40 PVC TAP Ø 2 FT.
✓ Number of Taps: **5**
X Hole Size & Material: 5/32" **SCH 40 PVC Taps**
✓ System Flow: **35.55gpm**
? Dosing Volume: **183gal**
? Elevation Head: **16.4'**

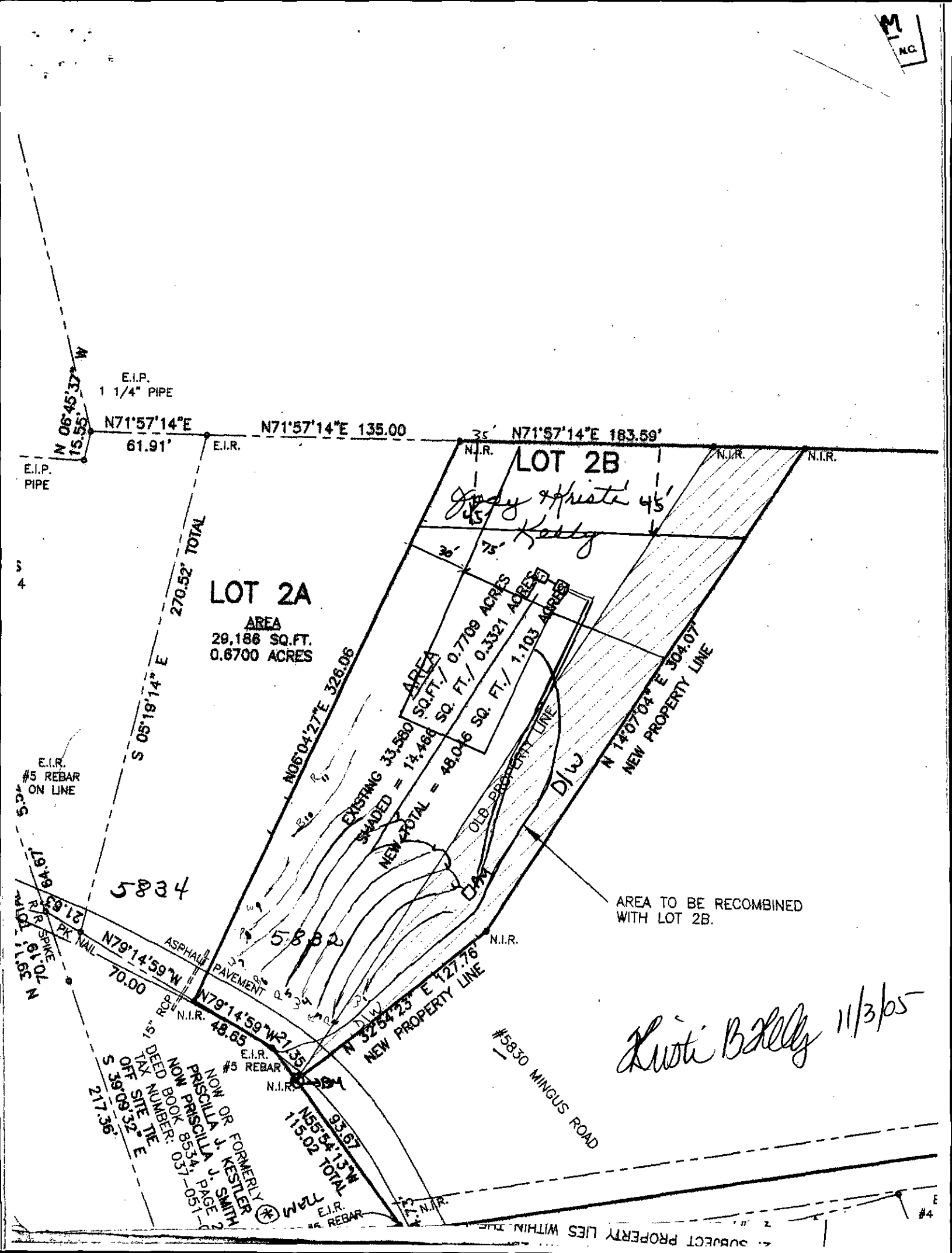
LINE	*LENGTH*	*ELEVATION*
White 1	70'	2.0
Pink 2	***90'***	***2.2***
Blue 3	***94'***	***2.5***
White 4	***96'***	***3.0***
Pink 5	***100'***	***3.4***
Blue 6	***108'***	***4.0***
White 7	125'	4.5
Pink 8	115'	5.0
White 9	30'	5.4
Blue 10	66'	5.9
Red 11	50'	6.6

Pump Tank: 11.6

Benchmark: 1.7 (Front Right Corner)

Initial System: Pink 2 - Blue 6 **(5X90')**

Repair System: White 1 & White 7 - Red 11 = 450'+ of 25% Reduction


LOT 2A
AREA
29,186 SQ.FT.
0.6700 ACRES
LOT 2B
Judy & Kristi 45'
Kelly
AREA
EXISTING 33,580 SQ.FT./ 0.7709 ACRES
SHADED = 14,464 SQ. FT./ 0.3321 ACRES
NEW TOTAL = 48,046 SQ. FT./ 1.103 ACRES
AREA TO BE RECOMBINED WITH LOT 2B.
E.I.P.
1 1/4" PIPE
E.I.P.
PIPE
N 06°45'37" W
15.55'
N71°57'14"E
61.91'
N71°57'14"E 135.00
N71°57'14"E 183.59'
E.I.R.
N.I.R.
S 05°19'14" E 270.52' TOTAL
N06°04'27"E 326.06
N 14°07'04" E 304.07'
NEW PROPERTY LINE
OLD PROPERTY LINE
E.I.R.
#5 REBAR
ON LINE
S 39°19'10" W
70.19'
21.63'
64.67'
R/R SPIKE
PK NAIL
N79°14'59"W
70.00
ASPHALT PAVEMENT
N79°14'59"W 21.35
15" RCP
N.I.R. 48.65
E.I.R.
#5 REBAR
N 32°54'23" E 127.76'
NEW PROPERTY LINE
#5830 MINGUS ROAD
N55°54'13"W
113.02 TOTAL
93.67
N.I.R.
E.I.R.
#5 REBAR
NOW OR FORMERLY
NOW PRISCILLA J. SMITH
PRISCILLA J. KESTLER
DEED BOOK 8534, PAGE
TAX NUMBER: 037-051-02
S 39°09'32" E
217.36'
OFF SITE TIE
WELL
5834
5832
#4
Kristi B Kelly 11/3/05

MECKLENBURG COUNTY
Health Department

September 23, 2005

Joseph & Kristi Kelly
1317 Plumcrest Drive
Charlotte, NC 28215

Re: Application for improvement permit for
Property Site: 5832 Mingus Drive
Health Department file number: **6139B**

Dear Property Owner or Owner's Agent:

The Mecklenburg County Health Department, Environmental Health Division on **September 22, 2005** evaluated the above-referenced property at the site designated on the site plan that accompanied your improvement permit application. According to your application the site is to serve a three-bedroom residence, with a design wastewater flow of 360 gallons per day. The evaluation was done in accordance with the laws and rules governing wastewater systems in North Carolina General Statute 130A-333 and related statutes and Title 15A, Subchapter 18A, of the North Carolina Administrative Code, Rule .1900 and related rules.

Based on the criteria set out in Title 15A, Subchapter 18A, of the North Carolina Administrative Code, Rules .1940 through .1948, the evaluation indicated that the site is **UNSUITABLE for** a ground absorption sewage system. Therefore, your request for an improvement permit is **DENIED.** A copy of the site evaluation is enclosed. The site is unsuitable based on the following:

- ☐ Unsuitable soil topography and/or landscape position (Rule .1940)
- ☒ Unsuitable soil characteristics (structure or clay mineralogy) (Rule .1941)
- ☒ Unsuitable soil wetness condition (Rule .1942)
- ☒ Unsuitable soil depth (Rule .1943)
- ☐ Presence of restrictive horizon (Rule .1944)
- ☒ Insufficient space for septic system and repair area (Rule .1945)
- ☐ Unsuitable for meeting required setbacks (Rule .1950)
- ☐ Other (Rule .1946)

These severe soil or site limitations could cause premature system failure, leading to the discharge of untreated sewage on the ground surface, into surface waters, directly to ground water or inside your structure.

The site evaluation included consideration of possible site modifications, and modified, innovative or alternative systems. However, the Health Department has determined that none of the above options will overcome the severe conditions on this site. A possible option might be a system designed to dispose of sewage to another area of suitable soil or off-site to additional property.

For the reasons set out above, the property is currently classified **UNSUITABLE,** and an improvement permit shall not be issued for this site in accordance with Rule .1948 (c).

However, the site classified as **UNSUITABLE** may be classified as **PROVISIONALLY SUITABLE** if written documentation is provided that meets the requirements of Rule .1948(d). A copy of this rule is enclosed. You may hire a consultant to assist you if you wish to try to develop a plan under which your site could be reclassified as **PROVISIONALLY SUITABLE.**

You have a right to an informal review of this decision. You may request an informal review by the soil scientist or environmental health supervisor at the local health department. You may also request an informal review by the
N. C. Department of Environment and Natural Resources regional soil specialist. A request for informal review must be made in writing to the local health department.

You also have a right to a formal appeal of this decision. To pursue a formal appeal, you must file a petition for a contested case hearing with the Office of Administrative Hearings, 6714 Mail Center, Raleigh, NC 27699-6714. To get a copy of a petition form, you may write the Office of Administrative Hearings or call the office at (919) 733-0926 or from the OAH web site at www.oah.state.nc.us/form.htm. The petition for a contested case hearing must be filed in accordance with the provision of North Carolina General Statutes 130A-24 and 150B-23 and all other applicable provisions of Chapter 150B. N. C. General Statue 130A-335(g) provides that your hearing would be held in the county where your property is located.

Please note: If you wish to pursue a formal appeal, you must file the petition form with the Office of Administrative Hearings **WITHIN 30 DAYS OF THE DATE OF THIS LETTER.** The date of this letter is **September 23, 2005**. Meeting the 30-day deadline is critical to your right to a formal appeal. Beginning a formal appeal within 30 days will not interfere with any informal review that you might request. Do not wait for the outcome of any informal review if you wish to file a formal appeal.

If you file a petition for a contested case hearing with the Office of Administrative Hearings, you are required by law (N.C. General Statute 150B-23) to send a copy of your petition to the North Carolina Department of Environment and Natural Resources. Send the copy to: Office of General Counsel, N. C. Department of Environment and Natural Resources, 1601 Mail Service Center, Raleigh, NC. 27699-1601. Do **NOT** send the copy of the petition to your local health department. Sending a copy of your petition to the local health department will **NOT** satisfy the legal requirement in N.C. General Statute 150B-23 that you send a copy to the Office of General Counsel, NCDENR.

You may call or write the local health department if you need any additional information or assistance.

Sincerely,

Jeremy Michelone, R.S.
Authorized Agent - DENR

Encl: (2)

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 of 2
Property ID: 037-052-31
Lot #:
File #: 6139B
Code: 2

ACS

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Joseph & Kristi Kelly
Applicant:
Address: 1317 Plumcrest Drive, Charlotte, N. C. 28215
Date Evaluated: 9/22/05
Proposed Facility: Residence
Design Flow (.1949): 360gpd
Property Size: .8a
Location of Site: 5832 Mingus Road
Property Recorded:
Water Supply: [x] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	OTHER PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	LS, 8	0-5	GR/CL	FR/SEXP/SS/SP	>36" TO SOIL WETNESS	36	N/A	NONE	PS, IV
		5-36	ABK/SBK/C	FI/SEXP/S/P					.1GPD/FT^2
2	"	0-4	GR/CL	FR/SEXP/SS/SP	2.5Y7/1 at 36"	38+	"	"	US
		4-26	ABK/SBK/C	FI/SEXP/S/P					
		26-38	ABK/C	VFI/EXP/VS/VP					
3	"	0-5	GR/CL	FR/SEXP/SS/SP	>46" TO SOIL WETNESS	46	"	"	PS, IV
		5-46	ABK/SBK/C	FI/SEXP/S/P					.1GPD/FT^2
4	"	0-5	GR/CL	FR/SEXP/SS/SP	2.5Y7/1at 21"	23+	"	"	US
		5-23	ABK/C	VFI/EXP/VS/VP					

Description	Initial System	Repair System
Available Space (.1945)	US	US
System Type(s)		
Site LTAR	.1GPD/FT^2	.1GPD/FT^2

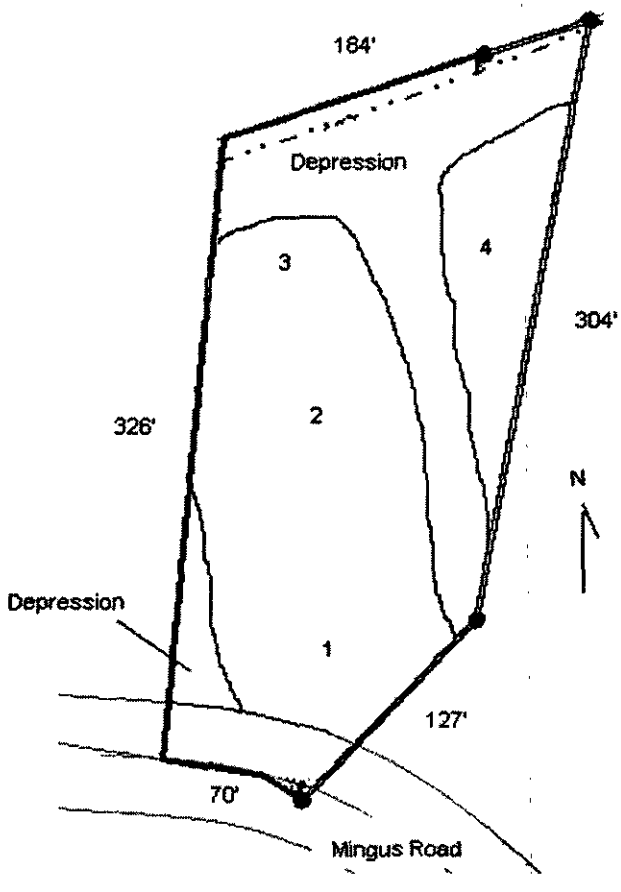
Other Factors (.1946):
Site Classification (.1948): UNSUITABLE
Evaluated By: W. R. Marlin, LSS, 9/23/2005. W. R. Marlin
Others Present:

COMMENTS:
100% repair

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope				CR-Crumb
FS-Food Slope	II	SL-Sandy Loam	0.8 - 0.6	GR-Granular
NS-Nose Slope		L-Loam		SBK-Subangular Blocky
HS-Head Slope				ABK-Angular Blocky
CC-Concave Slope	III	SI-Silt	0.6 - 0.3	PL-Platy
CV-Convex Slope		SICL-Silty Clay Loam		PR-Prismatic
T-Terrace		CL-Clay Loam		
FP-Flood Plain		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

Consistence Moist	Consistence Wet	Mineralogy
VFR-Very Friable	NS-Non-Sticky	SEXP-Slightly Expansive
FR-Friable	SS-Slightly Sticky	EXP-Expansive
FI-Firm	S-Sticky	
VFI-Very Firm	VS-Very Sticky	
EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations



#1298

FEE: $200.00 Y/N
DATE: 9/9/05
CK #2405

APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

FK #6139B
L: 1 CRT

TYPE APPLICATION: X NEW SYSTEM ___ EXPANSION/ ALTERATION OF EXISTING SYSTEM ___ REPAIR OF EXISTING SYSTEM

NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

FILE #:

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER:

STREET ADDRESS: 5832 Mingus Road

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: Lot 2B/Map Book 43, Page 785-786

TYPE OF BUILDING (CHECK ONE):

___ SINGLE MOBILE HOME(S)
___ DOUBLE WIDE (D)
✓ HOUSE (H)
___ MODULAR HOME (M)
___ MULTIPLE FAMILY (U)
___ OTHER (O)

TOWNSHIP (CHECK ONE):

✓ 0 MECKLENBURG
___ 1 CHARLOTTE
___ 2 DAVIDSON
___ 3 CORNELIUS
___ 4 PINEVILLE
___ 5 MATTHEWS
___ 6 HUNTERSVILLE
___ 7 MINT HILL

HEATED SQUARE FOOTAGE: 2582

NUMBER OF BEDROOMS: 3

NUMBER OF OCCUPANTS: 3

CLOSING DATE: _____

FOUNDATION FOR RESIDENCE:

✓ WITHOUT BASEMENT ON SLAB
✓ CRAWL SPACE
___ WITH BASEMENT /PLUMBING
___ WITH BASEMENT /NO PLUMBING

IF EXPANSION/ALTERATION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED BUILDING ADDITION:

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: ___ YES ✓ NO TYPE: _____

WATER SUPPLY (CHECK ONE):

___ COMMUNITY (C)
✓ MUNICIPAL (M)
___ PRIVATE WELL (P)
___ SHARED WELL (S)
___ OTHER 'SPRINGS' (O)

IF ANY OF THE FOLLOWING ARE LOCATED ON THE PROPERTY, PLEASE SHOW LOCATION ON PLAT:

BURIED CABLES, LANDFILLS, STUMPHOLES	___ YES ✓ NO	WELL, SPRINGS OR WATERLINES	___ YES ✓ NO
EXISTING WASTEWATER SYSTEMS	___ YES ✓ NO	DESIGNATED WETLANDS	___ YES ✓ NO
EASTMENTS OR RIGHT-OF-WAYS	___ YES ✓ NO		

PROPERTY OWNER:

NAME: Kelly Joseph L & Kristi B
(LAST) (FIRST) (MI)

ADDRESS: 1317 Plumcrest Drive

CITY: Charlotte STATE: NC ZIP: 28216

DAYTIME PHONE: (704) 393-5610

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME:
(LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) —

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____

An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the 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: Kristi B Kelly DATE: 9/8/05

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

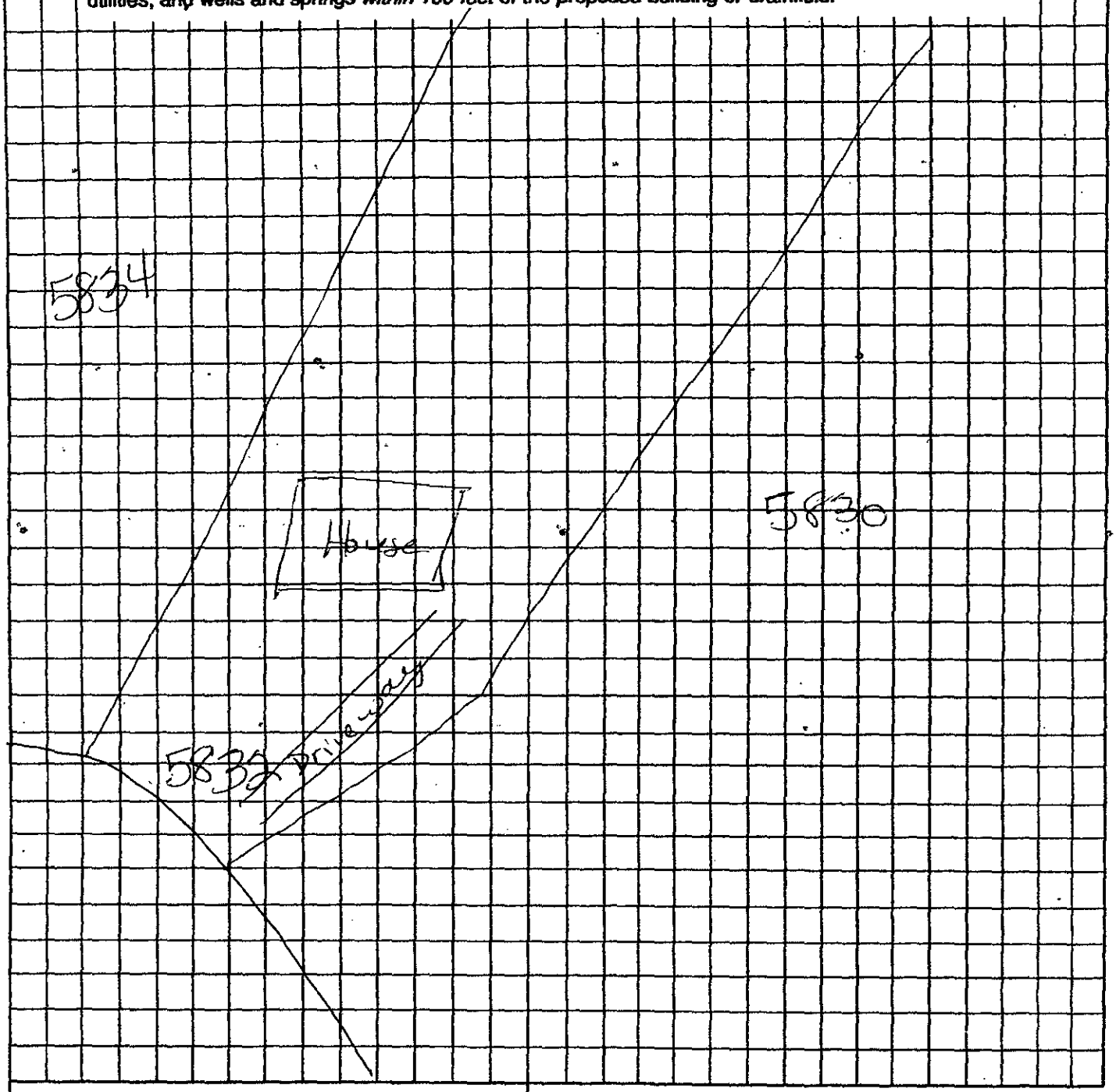
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 6139B

TC: 037-052-31

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.

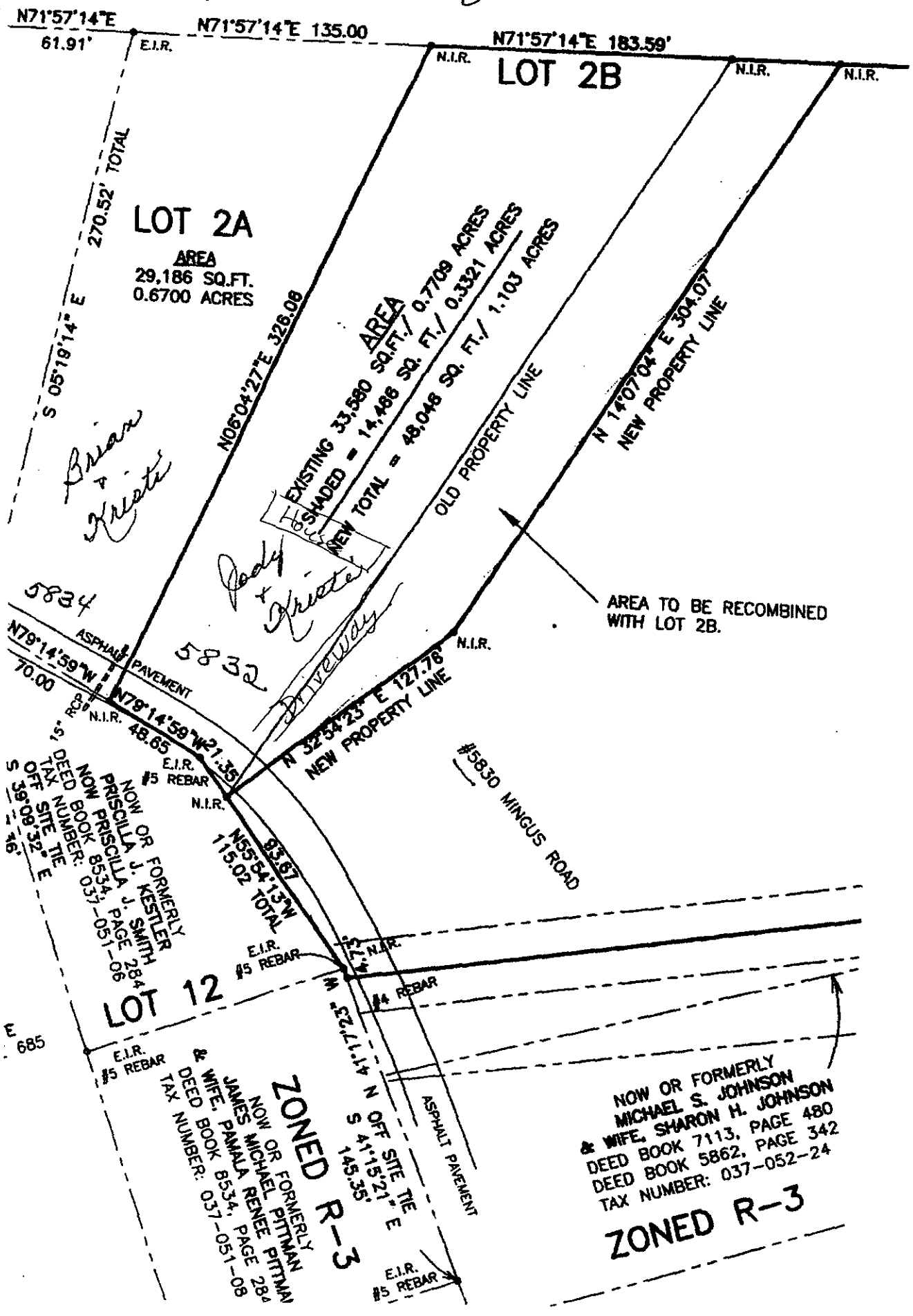


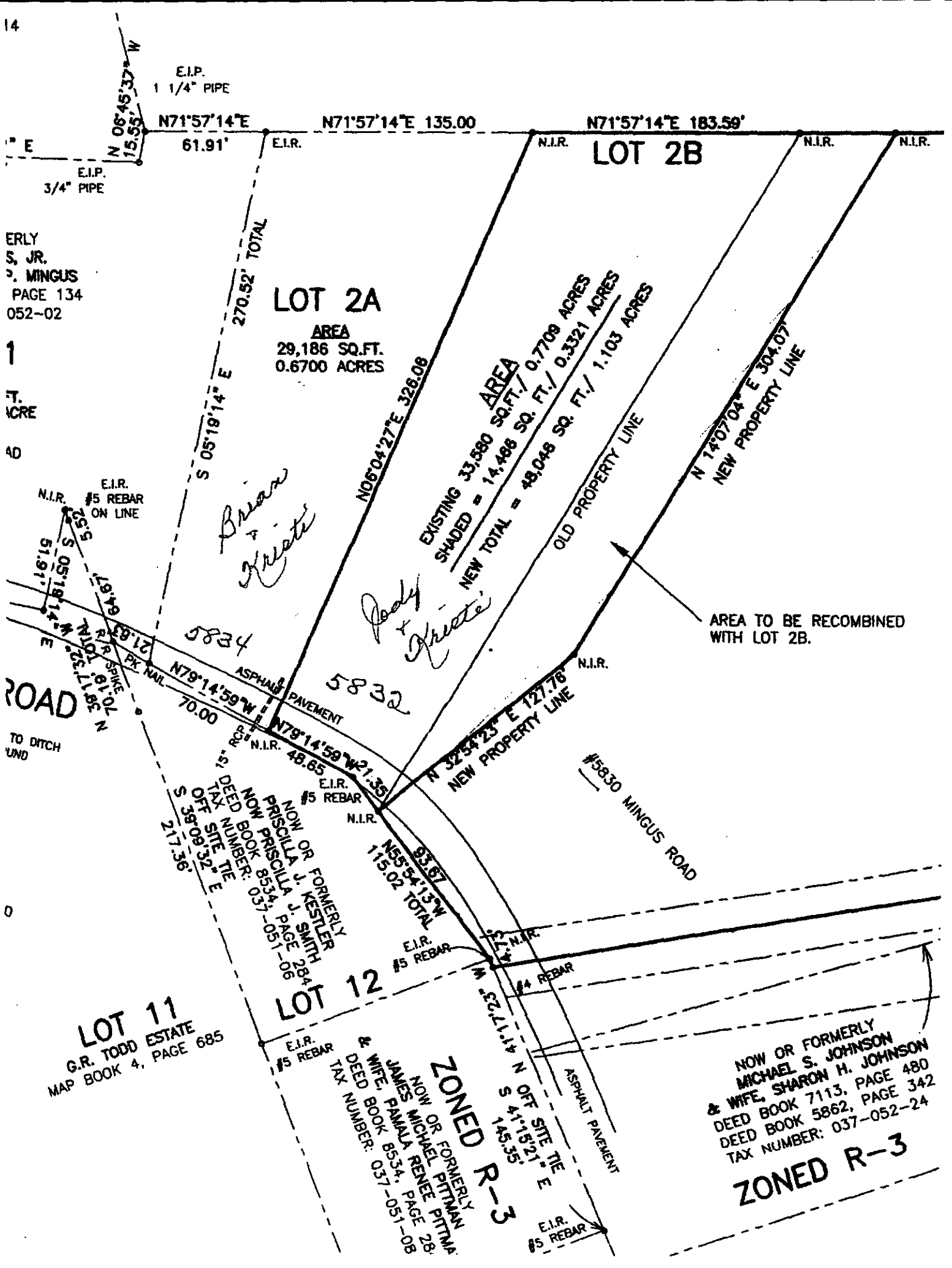
OWNER/AGENT SIGNATURE

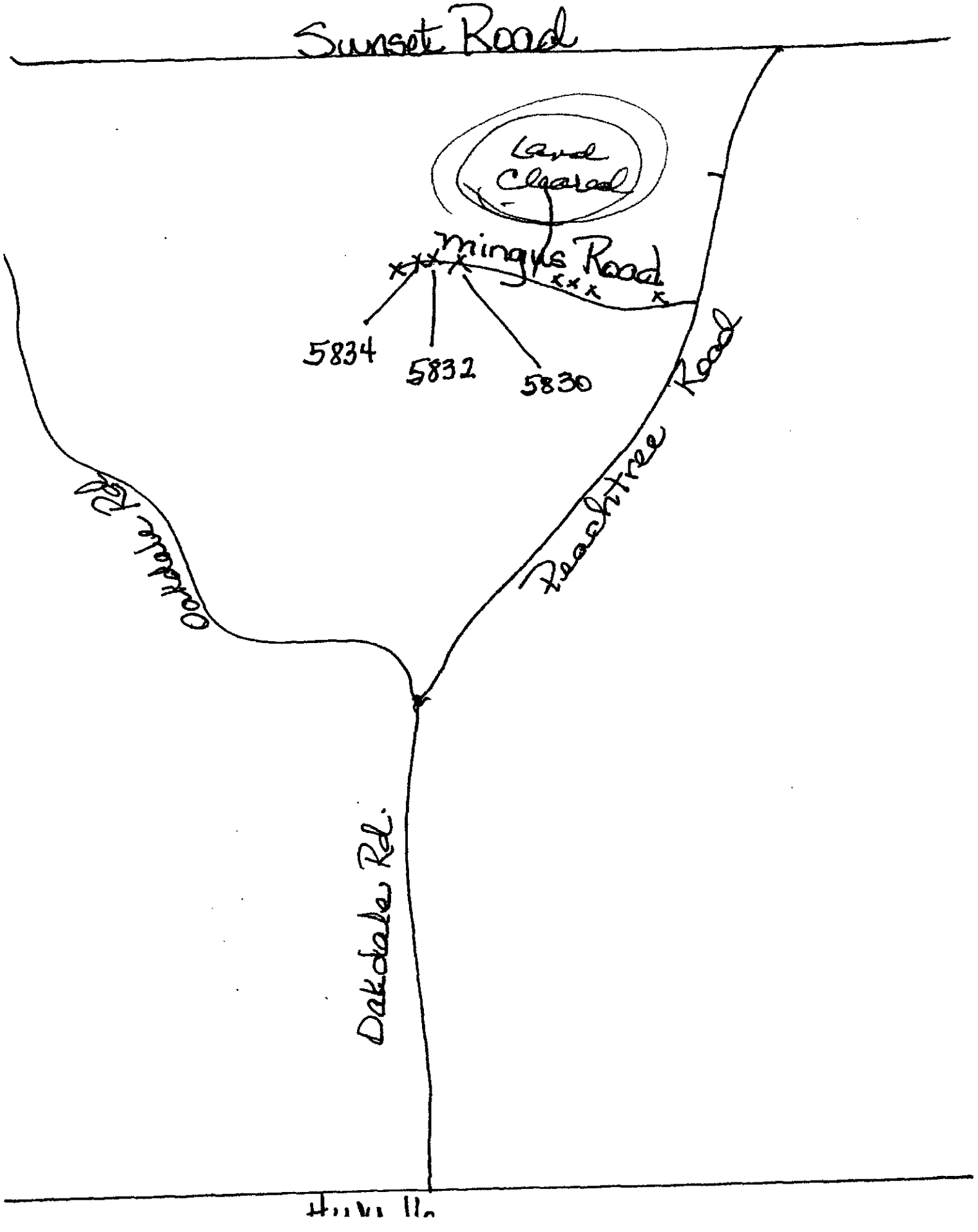
DATE

APPROVAL DATE

Lot 2A + Lot 2B
Map Book 43 - Page 185-186




E.I.P.
1 1/4" PIPE
N 06°45'37" W
15.55'
N71°57'14"E
61.91'
E.I.R.
N71°57'14"E 135.00
N71°57'14"E 183.59'
N.I.R.
LOT 2B
E.I.P.
3/4" PIPE
270.52' TOTAL
S 05°19'14" E
LOT 2A
AREA
29,186 SQ.FT.
0.6700 ACRES
N06°04'27"E 326.08
AREA
EXISTING 33,580 SQ.FT./ 0.7709 ACRES
SHADED = 14,466 SQ. FT./ 0.3321 ACRES
NEW TOTAL = 48,046 SQ. FT./ 1.103 ACRES
OLD PROPERTY LINE
N 14°07'04" E 304.07'
NEW PROPERTY LINE
AREA TO BE RECOMBINED WITH LOT 2B.
E.I.R.
N.I.R.
#5 REBAR
ON LINE
S 05°19'14" E 64.67'
21.83'
R/R SPIKE
PK NAIL
N79°14'59"W
70.00
ASPHALT PAVEMENT
5834
5832
N79°14'59"W 21.35'
N 32°54'23" E 127.76'
NEW PROPERTY LINE
#5830 MINGUS ROAD
48.65
15" RCP
N.I.R.
E.I.R.
#5 REBAR
N55°54'13"W
115.02 TOTAL
93.67'
N 38°17'32" W TOTAL
70.18'
S 39°09'32" E
217.36'
OFF SITE TIE
NOW OR FORMERLY
PRISCILLA J. KESTLER
NOW PRISCILLA J. SMITH
DEED BOOK 8534, PAGE 284
TAX NUMBER: 037-051-06
LOT 12
LOT 11
G.R. TODD ESTATE
MAP BOOK 4, PAGE 685
E.I.R.
#5 REBAR
#4 REBAR
N 41°17'23" W
S 41°15'21" E
145.35'
OFF SITE TIE
ASPHALT PAVEMENT
ZONED R-3
NOW OR FORMERLY
JAMES MICHAEL PITTMAN
& WIFE, PAMALA RENEE PITTMAN
DEED BOOK 8534, PAGE 28
TAX NUMBER: 037-051-08
NOW OR FORMERLY
MICHAEL S. JOHNSON
& WIFE, SHARON H. JOHNSON
DEED BOOK 7113, PAGE 480
DEED BOOK 5862, PAGE 342
TAX NUMBER: 037-052-24
ZONED R-3


Sunset Road
Land Cleared
Mingus Road
5834
5832
5830
Peachtree Road
Dakdale Rd.

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 09/09/05
Receipt #: 36853
Check / Auth #: ~~CASH~~ Check
Received By: WALKEVA

Amount: 200.00
Tendered: 200.00
Returned: 0.00

Account Information

Account #: 200000
Contractor: KELLY JOSEPH LEE
Attn:
Address: 1317 PLUMCREST DRIVE
Address:
City/State/Zip: CHARLOTTE, NC 28216

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 5832 MINGUS ROAD		1	200.00	200.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance