

3434 MIRANDA RD

03708115

1/9/2008

duponbj

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

CK# 1006 #728

FEE: 400
DATE: 11-5-04 GC

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM APPLICATION FOR IMPROVEMENT PERMIT FOR COMMERCIAL/INDUSTRIAL SITE

1 CRT

TYPE APPLICATION: X NEW SYSTEM ___ EXPANSION 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 #: 5777B

PROJECT TRACKING #:

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 03708115

STREET ADDRESS: 3434 MIRANDA Rd.

LOT NUMBER:

___ COMMERICAL ___ INDUSTRIAL

DESCRIBE TYPE OF BUSINESS:
CHURCH
Square Footage of Facility: 4,000 SF

NUMBER OF EMPLOYEES: 0 PER SHIFT: 0

TOWNSHIP (CHECK ONE):

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

HOW WILL WATER BE USED IN THE FACILITY:

X TOILETS/URINALS
X HANDSINK
___ SHOWERS
___ FLOOR DRAINS

OTHER, PLEASE DESCRIBE:

An IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change.

TYPE OF WASTEWATER:
X SEWAGE
___ INDUSTRIAL PROCESS WASTE WATER

IF EXPANSION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED ADDITION:

WATER SUPPLY (CHECK ONE): X 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 X NO
EXISTING WASTE WATER SYSTEMS ___ YES X NO
EASEMENTS OR RIGHT-OF-WAYS ___ YES X NO
WELL SPRINGS OR WATERLINES ___ YES X NO
DESIGNATED WETLANDS ___ YES X NO

BUILDING PLANS TO INCLUDE ALL PLUMBING, FLOOR DRAINS AND ALL SOURCES OF WASTEWATER DISCHARGE AND GRADING PL
MAY BE REQUIRED DURING THE EVALUATION STAGE.

PROPERTY OWNER:
NAME: N. ENGLISH (LAST) CONG of Tetouch's Witnesses (FIRST) (MI)
ADDRESS: 3209 STEPHENS Farm LN.
CITY: Charlotte STATE: NC ZIP: 28269
DAYTIME PHONE: 704 382 - 6879

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:
NAME: REZER (LAST) GARY (FIRST) J. (MI)
DAYTIME PHONE: 704 382 - 6879

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? RECORDED in MAY 04

THE UNDERSIGNED, OWNER, OR LEGAL AGENT FOR THE OWNER, OF THE PROPERTY DESCRIBED ABOVE AS THE "JOB LOCATION" READ THE FOREGOING APPLICATION, ACKNOWLEDGES THAT THE CONTENTS OF SAME ARE TRUE, AND AUTHORIZES AGENTS OF MECKLENBURG COUNTY HEALTH DEPARTMENT TO ENTER ONTO THE PROPERTY FOR THE PURPOSE OF PROCESSING THIS REQU

SIGNED: Gary J Rezer DATE: NOV. 5, 2004

0733

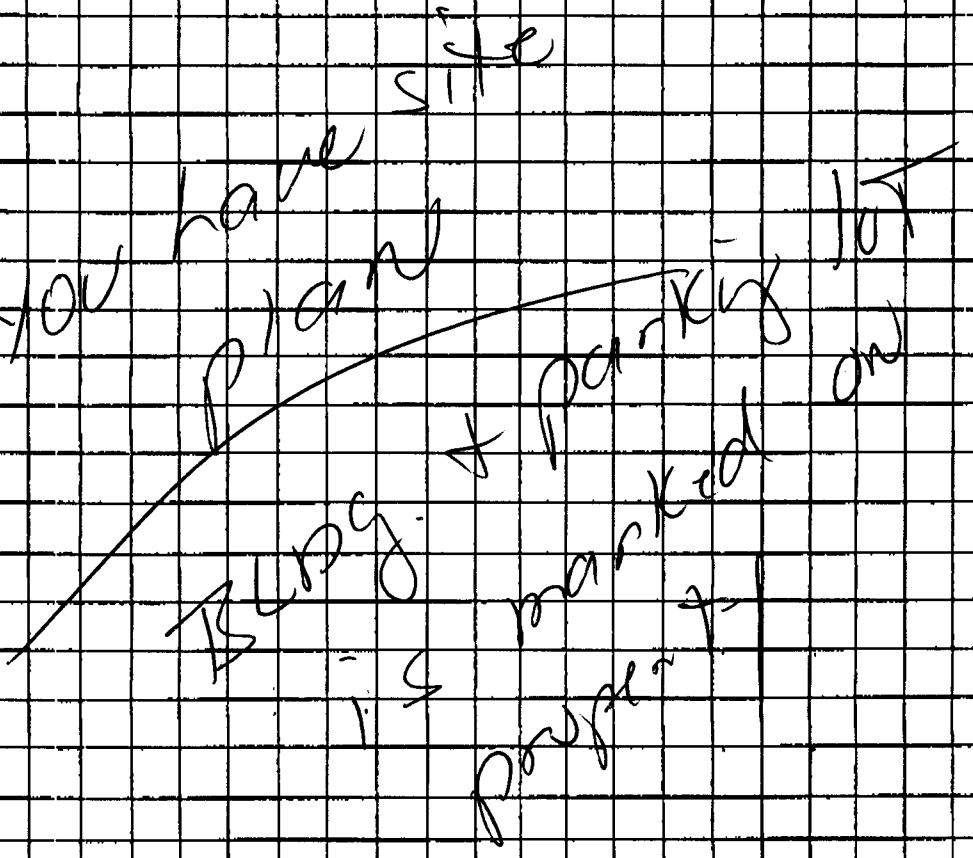
PROPOSED PLOT PLAN

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

FILE: 5777B

TC: 037-08/-15

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

APPROVAL DATE

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	03/04/05	**Amount:**	100.00
Receipt #:	32976	**Tendered:**	100.00
Check / Auth #:	CHECK 1009	**Returned:**	0.00
Received By:	AIDOOJK		

Account Information

Account #: 200000
Contractor: NORTH ENGLISH CONGREGATION
Attn:
Address: 3617 ROBIN LANE
Address:
City/State/Zip: CHARLOTTE, NC 28269

Item	Description	Permit#	Quantity	Unit Price	Total Price
0702	Optional Site Evaluations FILE 5777B		1	100.00	100.00

Jeremy + William,
I went out and flagged the back of the parking lot. We need to test soil beyond flags and then determine if we can put system in and also have room for detention. We can make detention to accomodate your needs.
Please call me at 704-400-7531
Thanks, John.

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

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

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	11/15/04	**Amount:**	400.00
Receipt #:	28997	**Tendered:**	400.00
Check / Auth #:	CHECK 1006	**Returned:**	0.00
Received By:	CRAIGGY		

Account Information

Account #: 200000
Contractor: NORTH ENGLISH CONGREGATION
Attn: OF JEHOVAH'S WITNESS
Address: 3617 ROBIN LANE
Address:
City/State/Zip: CHARLOTTE, NC 28269

Item	Description	Permit#	Quantity	Unit Price	Total Price
0735	Improv Permit Appl-Comm 3434 MIRANDA ROAD		1	400.00	400.00

----------**Outstanding Balances**----------

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

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

Sheet: 1 of 2
Property ID: 037-081-15
Lot #:
File #: 5777B
Code: 1

ACS

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Jehovah's Witness North Congregation
Applicant: Gary Pelzer
Address: 3209 Stephens Farm Lane, Charlotte, N. C. 28269
Date Evaluated: 3/9/2005
Proposed Facility: Church
Design Flow (.1949): 1080+/-
Property Size: 1.5a
Location of Site: 3434 Miranda 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	0-4	GR/CL	FR/SEXP/SS/SP	>23" TO SOIL WETNESS	23	N/A	NONE	US, IV
		4-23	SBK/C	FI/SEXP/SS/SP					
		23+	M/CL	FR/SEXP/SS/SP					
2	"	0-4	GR/CL	"	>41" TO SOIL WETNESS	41	"	"	PS, IV
		4-33	SBK/C	FI/SEXP/SS/SP					.3GPD/FT^2
		33-41	SBK/CL	FR/SEXP/SS/SP					
3	R, 6	0-5	GR/CL	"	>48" TO SOIL WETNESS	48	"	"	"
		5-48	SBK/C	FI/SEXP/SS/SP					
4	"	0-7	GR/CL	FR/SEXP/SS/SP	>49" TO SOIL WETNESS	49	"	"	"
		7-46	SBK/C	FI/SEXP/SS/SP					
		46-49	SBK/SCL	FR/SEXP/SS/SP					
5	LS,8	0-6	GR/SCL	"	>48" TO SOIL WETNESS	48	"	"	"
		6-48	SBK/C	FI/SEXP/S/P					
6	LS, 6	0-10	GR/SCL	FR/SEXP/SS/SP	"	"	"	"	"
		10-35	SBK/C	FI/SEXP/S/P					
		35-48	SBK/SCL	FR/SEXP/SS/SP					
7	"	0-11	GR/SCL	"	>48" TO SOIL WETNESS	"	"	"	"
		11-40	SBK/C	FI/SEXP/S/P					
		40-46	SBK/SCL	FR/SEXP/SS/SP					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.3GPD/FT^2	.3GPD/FT^2

Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: William R. Marlin, LSS, 3/11/2005, W. R. Marlin
Others Present:

COMMENTS:
100% repair

Landscape Position	Group	Texture	.1955 LTAR
R-Ridge	I	S-Sand	1.2 - 0.8
SS-Shoulder Slope		LS-Loamy Sand	
LS-Linear Slope			
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6
NS-Nose Slope		L-Loam	
HS-Head Slope			
CC-Concave Slope	III	SI-Silt	0.6 - 0.3
CV-Convex Slope		SICL-Silty Clay Loam	
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	

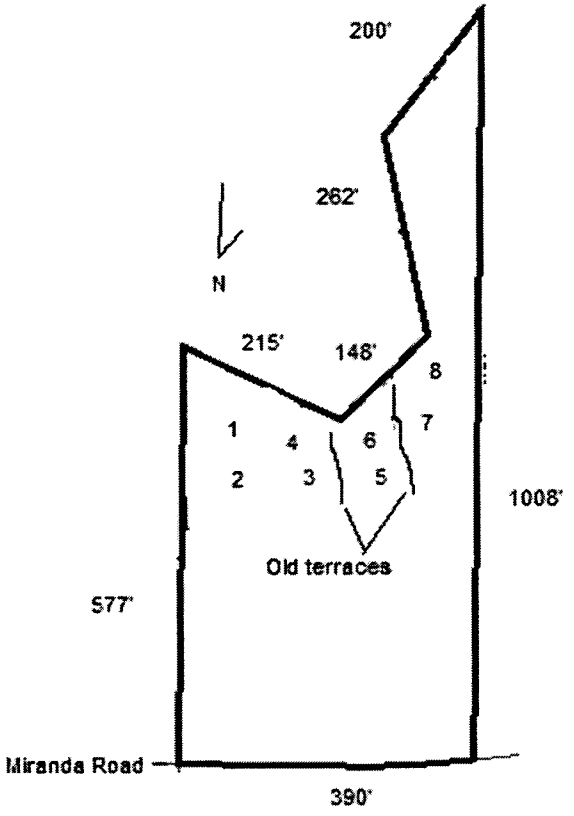
Structure
SG-Single Grain
M-Massive
CR-Crumb
GR-Granular
SBK-Subangular Blocky
ABK-Angular Blocky
PL-Platy
PR-Prismatic

Consistence
Moist
VFR-Very Friable
FR-Friable
FI-Firm
VFI-Very Firm
EFI-Extremely Firm

Consistence
Wet
NS-Non-Sticky
SS-Slightly Sticky
S-Sticky
VS-Very Sticky
NP-Non-Plastic
SP-Slightly Plastic
P-Plastic
VP-Very Plastic

Mineralogy
SEXP-Slightly Expansive
EXP-Expansive

Sketch of Soil Evaluation Locations



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

Sheet: 1 of 3
Property ID: 037-081-15
Lot #:
File #: 5777B
Code: 1

ACS

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Jehovah's Witness North Congregation
Applicant: Gary Pelzer
Address: 3209 Stephens Farm Lane, Charlotte, N. C. 28269
Date Evaluated: 11/30/2004
Proposed Facility: Church
Design Flow (.1949): 540gpd
Property Size: Approx. 1.0a inv.
Location of Site: 3434 Miranda 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, 6	0-10	GR/SCL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV .3GPD/FT^2
		10-36	SBK/C	FI/SEXP/S/P					
		36-48	SBK/CL	FR/SEXP/SS/SP					
2	"	0-8	GR/SCL	"	>42" TO SOIL WETNESS	42	"	"	"
		8-36	SBK/C	FI/SEXP/SP					
		36-42	SBK/CL	FR/SEXP/SS/SP					
3	"	0-4	GR/SCL	"	>50" TO SOIL WETNESS	50	"	"	"
		4-50	SBK/C	FI/SEXP/S/P					
4	"	0-8	GR/SCL	FR/SEXP/SS/SP	>42" TO SOIL WETNESS	42	"	"	"
		8-40	SBK/C	FI/SEXP/S/P					
		40-42	SBK/CL	FR/SEXP/SS/SP					
5	LS, 5	0-6	GR/SCL	"	>49" TO SOIL WETNESS	49	"	"	"
		6-41	SBK/C	FI/SEXP/S/P					
		41-49	SBK/SCL	FR/SEXP/SS/SP					
6	"	0-10	GR/SCL	"	>51" TO SOIL WETNESS	51	"	"	"
		10-44	SBK/C	FI/SEXP/S/P					
		44-51	SBK/CL	FR/SEXP/SS/SP					
7	"	0-9	GR/SCL	"	>48" TO SOIL WETNESS	48	"	"	PS, IV .25GPD/FT^2
		9-40	SBK/C	FI/SEX/S/P					
		40-48	SBK/SCL	FR/SEXP/SS/SP					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.3GPD/FT^2	.3GPD/FT^2

Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 12/1/2004, W. R. Marlin
Others Present:

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

Sheet: 2 of 3
File #: 5777B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

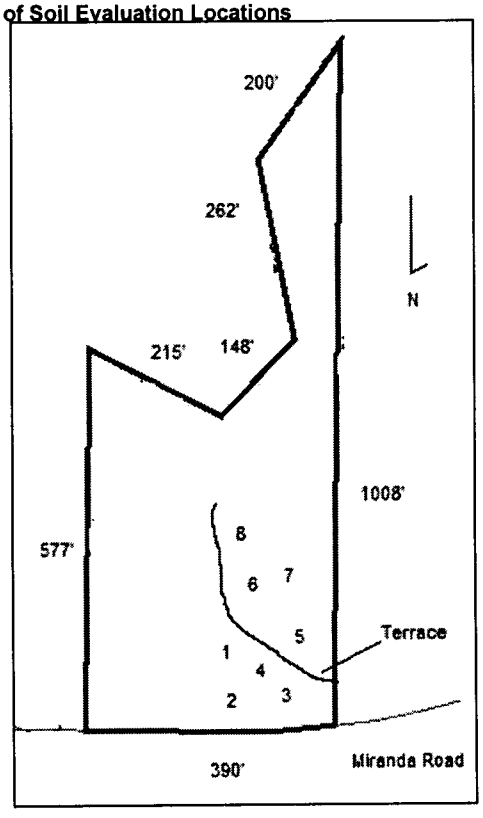
PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	OTHER PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
8	LS, 5	0-10	GR/SCL	FR/SEXP/SS/SP	>37" TO SOIL WETNESS	37	N/A	NONE	PS, IV
		10-31	SBK/C	FI/SEXP/S/P					.3GPD/FT^2
		31-37	SBK/SCL	FR/SEXP/SS/SP					

COMMENTS:
Site may require 100% repair area

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



CONDITIONS OF IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATON

Permit Number: **5777B** Tax Number: **03708115**

- 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:

0.3 Long-term acceptance rate (GPD/ft^2)	**1080** Max gallons/day wastewater flow	**2700** Absorption Area (ft^2)	**9** Trench spacing (min. on centers) (ft)
Serviced by private well: ☐ Yes ☒ No	**2000** Gallon septic tank	**900** Total trench length (ft)	**30** Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.)
_ Bedrooms in residence	**2000** Gallon pump tank	**NA** Depth of stone (in)	

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

Additional conditions: **System designed for two churches @ 180 seats per church.**
Install 9 lines x 100' x 3' with pressure manifold distribution.

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:

2700 Absorption Area (ft^2) **900** Total trench length (ft)	**NA** Depth of stone (in)	**9** Trench spacing (min. on centers) (ft)	**30** 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.

Jimmy Mackel, R.S. 3/21/05
DENR Authorized Agent Date

Gary J. Pugh 4/28/06
Owner/Agent Signature Date

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

FEE: 300.00
DATE: 4/28/06
Check 1015 JKA

AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION

AC

PERMIT NUMBER: 5777B
PARCEL NUMBER: 03708115

JOB LOCATION ADDRESS: 3434 Miranda Road
PROPERTY OWNER: North English Congregation of Jehovas Witnesses
BUILDING CONTRACTOR: Same
SUBDIVISION NAME: NA
AUTHORIZATION ISSUED BY: Jeremy Michelone, R.S. DATE: 03/21/05

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 5777B, 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:

FEE: 300.00

DATE: 5/2/2006

CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

MECKLENBURG COUNTY

GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 5777B

PERMIT NUMBER: 30000728

PARCEL NUMBER: 03708115

JOB LOCATION INFORMATION

ADDRESS: 3434 MIRANDA RD

CITY: CHARLOTTE **STATE: NC** **ZIP:** 28216

ISSUED TO: N. English Cong of Jehovah's Witnesses

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 3/21/2005

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30000728, 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 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.
   *CONSTRUCTION AUTHORIZATION EXPIRATION DATE: 3/21/2010

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 #: 57773 Permit #: _____ Tax Parcel #: 037-081-15

Property Owner: JEHOVAH'S WITNESSES

Job Location Address: 3434 MIRANDA ROAD

City: CHARLOTTE State: NC Zip Code: 28216

Installation Approval Issuance Date: 5/31/06

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 6/31/06, 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: 1080 GPD

Site LTAR: 0.3 GPD/ft² (For new installations only.)

Liquid Capacity of Septic Tank: 2000 gallons

Liquid Capacity of Dosing Tank: 2000 gallons

Drainfield Design ☐ N/A

Trench Depth: 24 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 900 feet

# of Lines: 9 @ 100 feet

Depth of Media: 12 inches (Type) INV.

Distribution Device: P. 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 _____

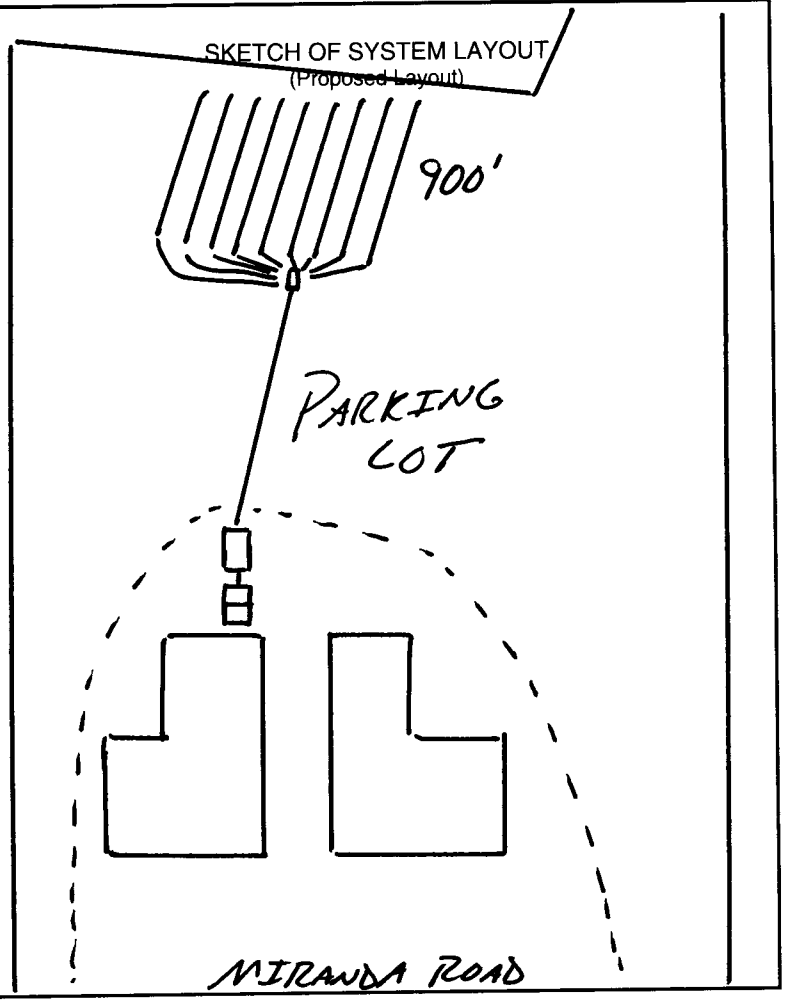
Minimum System Setbacks

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)



Comments: System Classification & Type: IIIb PUMP TO INNOVATIVE SYSTEM
360 SEAT CONGREGATION / NO KITCHEN

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

POSSE

NC DENR
Division of Environmental Health
On-Site Wastewater Section

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

File #: 57778 Permit #: _____ Tax Parcel #: 037-081-15

Property Owner: JEHOVAH'S WITNESSES

Job Location Address: 3434 MIRANDA ROAD

City: CHARLOTTE State: NC Zip Code: 28216

Operation Permit Issuance Date: 6/1/06 Contractor Name: STANLEY

Permitted Design Flow: 1080 GPD

Liquid Capacity of Septic Tank: 2000 gallons

Liquid Capacity of Dosing Tank: 2000 gallons

Effluent Pump Model: _____

Drainfield Installation ☐ N/A

Trench Depth: 24 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 900 feet

# of Lines: 9 @ 100 feet

Depth of Media: 12 inches (Type) CHAMBER(4")

Depth of Cover: 12 inches

Distribution Device: P. MANIFOLD

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: 10 feet

Distance from Water Supply Source: 100 feet

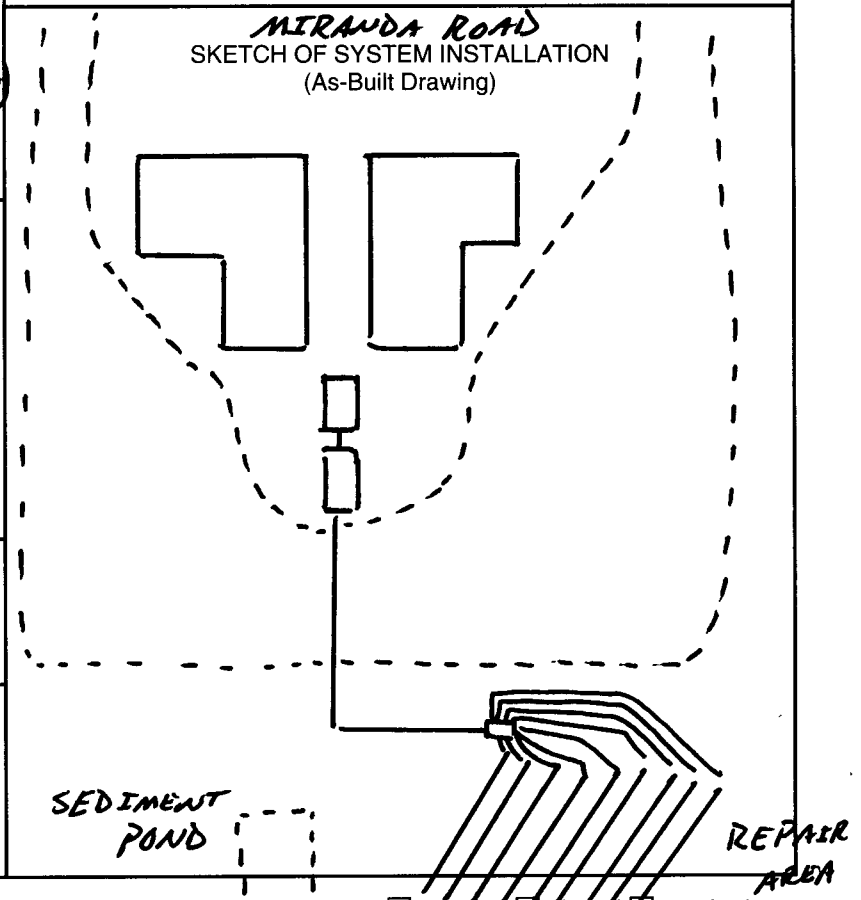
Inspection Dates

Tank(s) Inspected: 5/31/06

Excavation Inspected: 6/1/06

Pump & Controls Inspected: 6/1/06

MIRANDA ROAD
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.

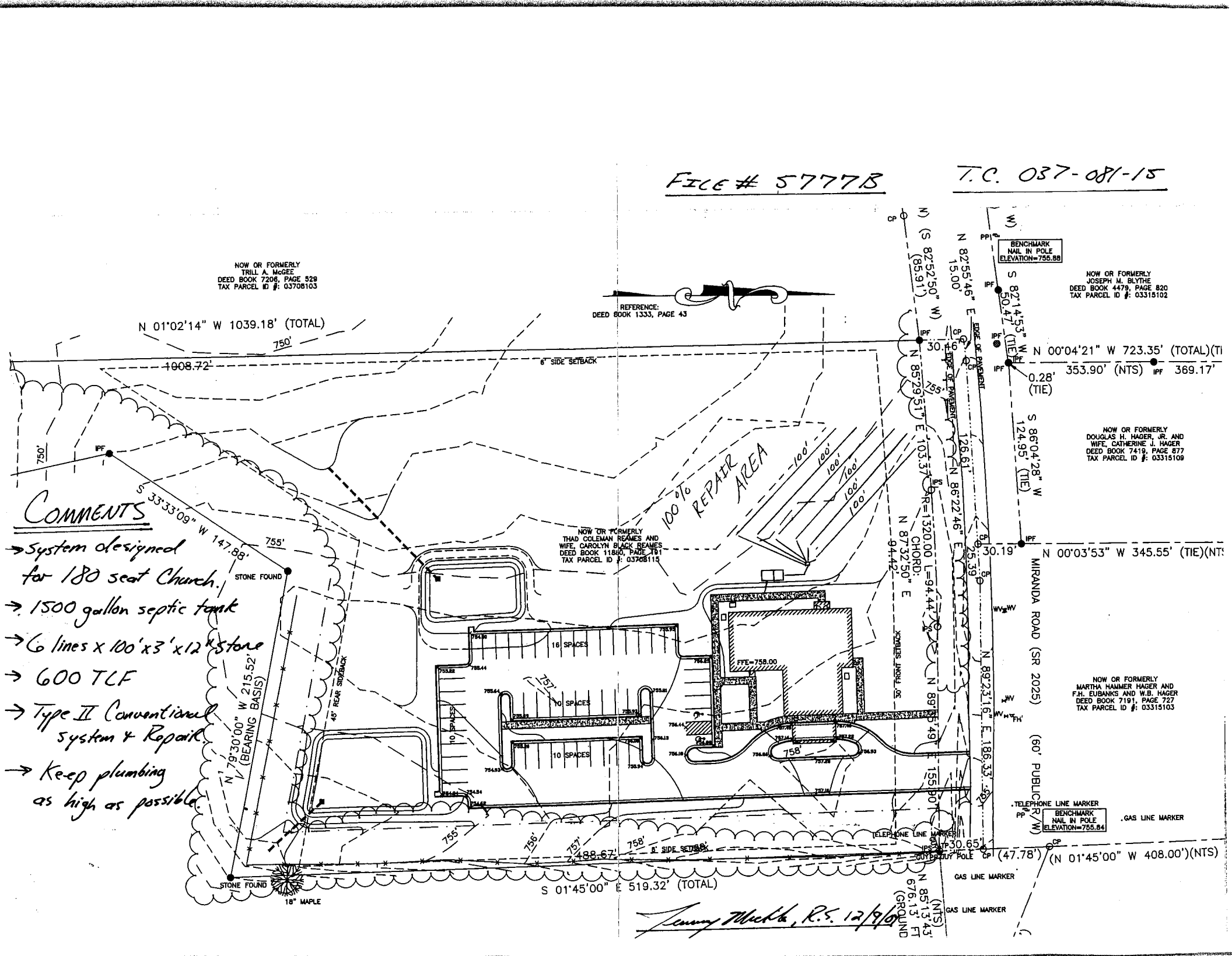
Comments: System Classification & Type: III-b PUMP TO INNOVATIVE SYSTEM

360 SEATS / NO KITCHEN

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

FILE # 57778

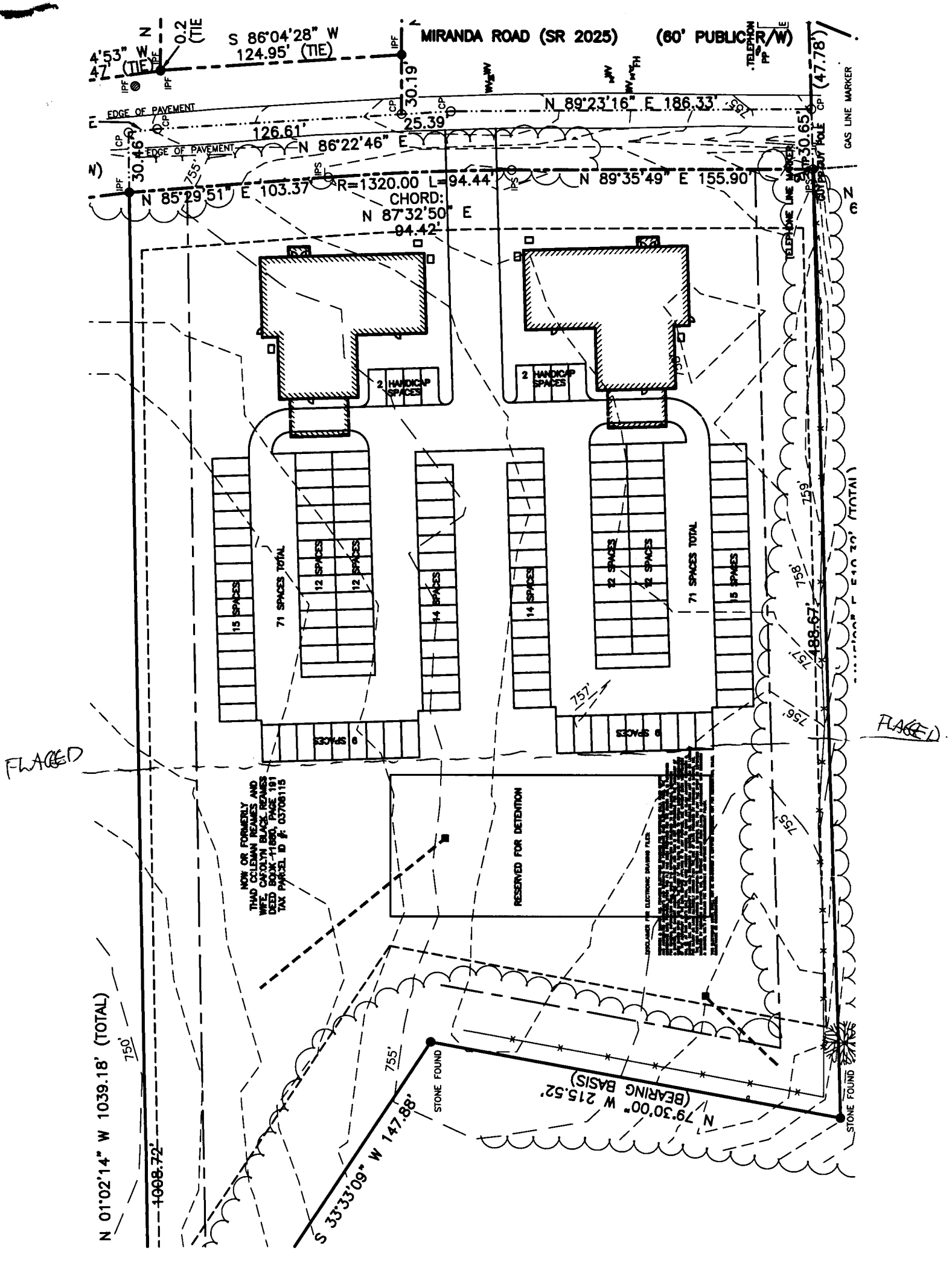
T.C. 037-081-15



COMMENTS

- System designed for 180 seat Church.
- 1500 gallon septic tank
- 6 lines x 100'x3'x12" stone
- 600 TCF
- Type II Conventional system & Repair
- Keep plumbing as high as possible.

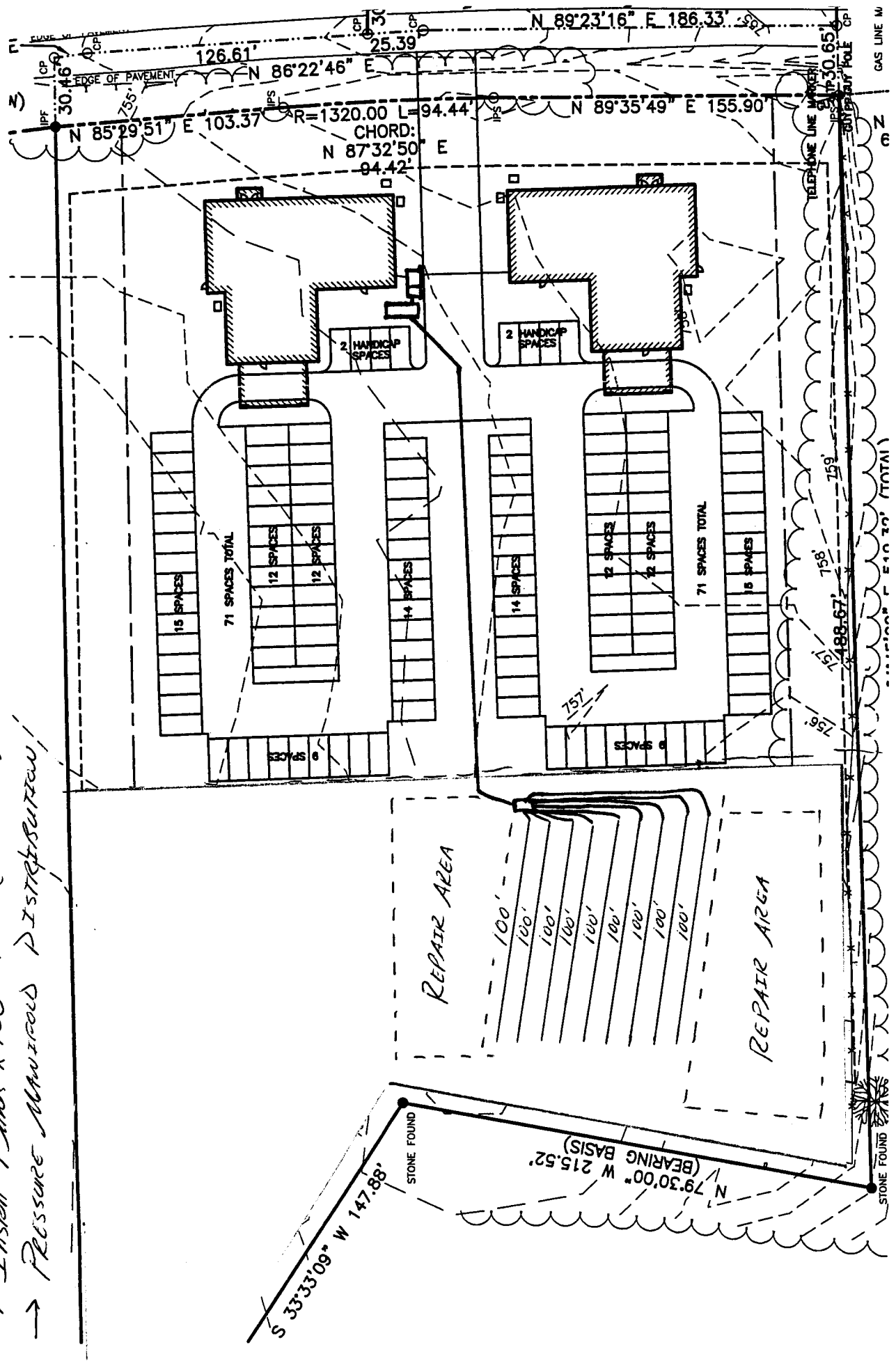
Jeremy Mackie, R.S. 12/9/16


MIRANDA ROAD (SR 2025)
(60' PUBLIC R/W)
S 86°04'28" W
124.95' (TIE)
0.2' (TIE)
N 89°23'16" E 186.33'
N 86°22'46" E
126.61'
EDGE OF PAVEMENT
N 85°29'51" E 103.37'
R=1320.00 L=94.44'
CHORD:
N 87°32'50" E
94.42'
N 89°35'49" E 155.90'
(47.78')
30.19'
25.39'
30.46'
30.65'
GAS LINE MARKER
TELEPHONE LINE MARKER
2 HANDICAP SPACES
2 HANDICAP SPACES
71 SPACES TOTAL
71 SPACES TOTAL
15 SPACES
12 SPACES
12 SPACES
14 SPACES
14 SPACES
12 SPACES
12 SPACES
15 SPACES
9 SPACES
9 SPACES
488.67'
RESERVED FOR DETENTION
NOW OR FORMERLY
THAD CLEDAN REAMES AND
WIFE, CAROLYN BLACK REAMES
DEED BOOK 11880, PAGE 191
TAX PARCEL ID #: 03708115
FLAGGED
FLAGGED
N 01°02'14" W 1039.18' (TOTAL)
1008.72'
S 33°33'09" W 147.88'
N 79°30'00" W 215.52'
(BEARING BASIS)
STONE FOUND
STONE FOUND
750'
755'
756'
757'
758'
759'

FILE # 5777B

T.C. 037-081-15

3/21/05



COMMENTS:

→ System designed for 300 seats @ 3 gallons per seat / No Kitchen

→ 2000 gallon septic tank, 2000 gallon pump tank

→ Install 9 lines x 100 x 3' (900 SF)

→ Pressure Manifold Distribution

Gary J. Bell
4/29/06

CONDITIONS OF IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATON

Permit Number: **5777B** Tax Number: **03708115**

- 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:

0.3 Long-term acceptance rate (GPD/ft^2)	540 Max gallons/day wastewater flow	1800 Absorption Area (ft^2)	9 Trench spacing (min. on centers) (ft)
Serviced by private well: ☐ Yes ☒ No	1500 Gallon septic tank	600 Total trench length (ft)	30 Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.)
NA Bedrooms in residence	NA Gallon pump tank	12 Depth of stone (in)	

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

Additional conditions: **Install 6 lines x 100 x 3' x 12" stone.**

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:

1800 Absorption Area (ft^2) 600 Total trench length (ft)	12 Depth of stone (in)	9 Trench spacing (min. on centers) (ft)	30 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.

Tommy Mitchell, R.S. 12/9/04

DENR Authorized Agent Date

Owner/Agent Signature Date

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

FEE: _____
DATE: _____

AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION

ACS

PERMIT NUMBER: 5777B
PARCEL NUMBER: 03708115

JOB LOCATION ADDRESS: 3434 Miranda Road
PROPERTY OWNER: Jehovah's Witness North Congregation
BUILDING CONTRACTOR: Bruce Prince
SUBDIVISION NAME: NA
AUTHORIZATION ISSUED BY: Jeremy Michelone, R.S. DATE: 12/09/04

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 5777B, 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: