

11440 SHOPTON RD

19956102

1/9/2008

duponbj

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

~~5903B~~
5730B

House is being Connected to City Sewer. per Customer & reciept.

Jay Aldo
8/16/06

CHARLOTTE-MECKLENBURG UTILITIES

81438

ATE: 7-13-2006

ECEIVED FROM: Shamrock United Methodist Church

One Thousand Four Hundred Sixty Five & 00 $ 1,465.00

FOR: Sewer Permit

11446 Steele Creek Rd

RECEIVED BY:

ASH ☐ 1" Irrigation Fee 3/4"

HECK ☒

Call if needed 704.399.2221
for verification

N.C. Sewer Permit

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

Sheet: 1 of 2
Property ID: 199-561-02
Lot #:
File #: 5730B
Code: 3

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Morningstar United Methodist Church
Applicant: Randy Edwards
Address: Po Box 38128, Charlotte, N. C.
Date Evaluated: 4/21/06
Proposed Facility: Church
Design Flow (.1949): 590gpd
Property Size: Approx. .5a inv.
Location of Site: 11440 Shopton Road West
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	0-3	GR/CL	FR/SEXP/SS/SP	>14" TO SOIL WETNESS	9	N/A	NONE	US
		3-9	SBK/ABK/C	VFI/EXP/VS/VP					
		9-14	M/CL	FR-FI/SEXP/SS/SP					
2	"	0-5	GR/CL	FR/SEXP/SS/SP	>19" TO SOIL WETNESS	15	"	"	"
		5-15	SBK/ABK/C	VFI/EXP/VS/VP					
		15-19	M/CL	FR-FI/SEXP/SS/SP					
3	"	0-4	GR/CL	FR/SEXP/SS/SP	>21" TO SOIL WETNESS	21	"	"	"
		4-21	SBK/ABK/C	VFI/EXP/VS/VP					
		21+	M/CL	FR-FI/SEXP/SS/SP					
4	"	0-3	GR/CL	FR/SEXP/SS/SP	>12" TO SOIL WETNESS	12	"	"	"
		3-12	SBK/ABK/C	VFI/EXP/VS/VP					

Description	Initial System	Repair System
Available Space (.1945)	US	US
System Type(s)		
Site LTAR		

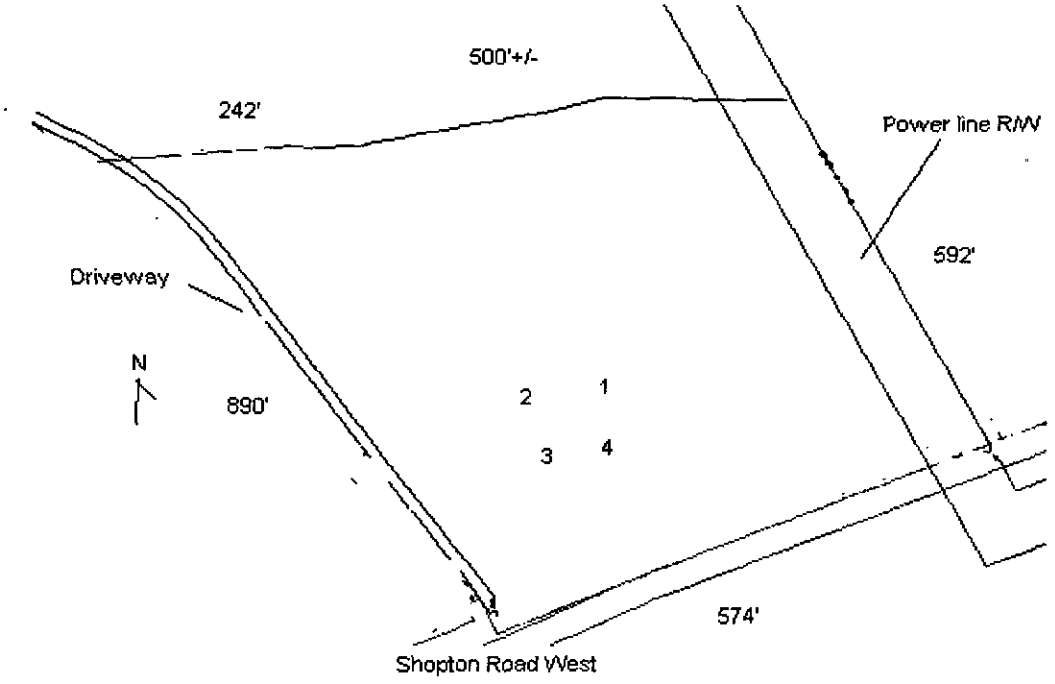
Other Factors (.1946):
Site Classification (.1948): UNSUITABLE
Evaluated By: W. R. Marlin, LSS, 4/24/2006 W. R. Marlin
Others Present: R. Edwards

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				
FP-Flood Plain		CL-Clay Loam		
		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
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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	
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	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations



SEPTIC FEE: $ $200.00
DATE: 4/3/06
CRT [ ] CK# 1550

PERMIT APPLICATION FOR A COMMERCIAL SITE
IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATION
FOR ON-SITE WASTEWATER SYSTEM
NEW WELL INSTALLATION OR REPAIR OF EXISTING WELL
MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES

FILE # 57308 Application #619

WELL FEE: _____
DATE: _____
CRT [ ]

SEPTIC / TYPE APPLICATION: ☐ NONE ☐ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☑ MODIFY PLOT PLAN -100.00

WELL / TYPE APPLICATION: ☐ NONE ☑ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT Site Evaluation - 100.00

JOB LOCATION INFORMATION

PROJECT TRACKING #:
TAX/PARCEL #: 199 56 102
STREET ADDRESS: 11440 SHOPTON RD WEST
CITY: CHARLOTTE
STATE: NC ZIP: 28278
LOT #:
TOWNSHIP:

☐ 0-MECKLENBURG ☐ 4-PINEVILLE
☑ 1-CHARLOTTE ☐ 5-MATTHEWS
☐ 2-DAVIDSON ☐ 6-HUNTERSVILLE
☐ 3-CORNELIUS ☐ 7-MINT HILL

BUILDING INFORMATION:

DESCRIBE TYPE OF BUSINESS: CHURCH
☑ COMMERCIAL ☐ INDUSTRIAL
SQUARE FOOTAGE OF FACILITY: 2988 SEATING FOR 118 PEOPLE
NUMBER OF EMPLOYEES PER SHIFT: 0
NUMBER OF SHIFTS: 1
TYPE OF WASTEWATER: WRE APR3, 06
☑ SEWAGE ☐ INDUSTRIAL PROCESS WASTEWATER
HOW WILL WATER BE USED IN THE FACILITY?:
☑ TOILETS/URINALS ☑ HANDSINKS ☐ SHOWERS
☐ FLOOR DRAINS ☐ OTHER

IF PLANNING TO EXPAND/ALTER THE EXISTING SYSTEM, INFORMATION DOCUMENTING THE INCREASED WASTEWATER FLOW AND/OR A JUSTIFICATION FOR SYSTEM ALTERATION WILL BE REQUIRED.

WATER SUPPLY:

☐ MUNICIPAL (M) ☐ PUBLIC (C) ☑ PRIVATE WELL (P) ☐ SHARED WELL (S) ☐ OTHER 'SPRINGS' (O)

PROPOSED USE OF WELL: ☐ N/A ☐ IRRIGATION ☑ POTABLE ☐ GEOTHERMAL ☐ OTHER

ARE ANY OF THE FOLLOWING LOCATED ON THE PROPERTY? IF SO, PLEASE SHOW LOCATION ON SITE PLAN/PLAT.

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES	☑ NO	WELLS, SPRINGS, OR WATER LINES	☐ YES	☑ NO
EXISTING WASTEWATER SYSTEMS	☐ YES	☑ NO	DESIGNATED WETLANDS	☐ YES	☑ NO
EASEMENTS OR RIGHT-OF-WAYS	☑ YES	☐ NO	GRADING/SOIL REMOVAL PERFORMED	☑ YES	☐ NO

PROPERTY OWNER:

NAME: MORNINGSTAR UNITED METHODIST CHURCH
ADDRESS: P.O. Box 38128
CITY: CHARLOTTE
STATE: NC ZIP: 28
HOME PHONE: WORK PHONE:
MOBILE PHONE: 704 737-1158 FAX:

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: WALTER R. EDWARDS
ADDRESS: 7338 BUCKLAND RD
CITY: CHARLOTTE
STATE: NC ZIP: 28278
HOME PHONE: 704-583-4233 WORK PHONE:
MOBILE PHONE: 704-607-2801 FAX: 704 583-4233

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? DEC 1, 2004
WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?

*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 the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Walter R. Edwards (TRUSTEE) APR 3, 2006
Owner's/Agent's Signature Date

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

*A Well 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 the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Walter R. Edwards (TRUSTEE) APR 3 2006
Owner's/Agent's Signature Date

MECKLENBURG COUNTY HEALTH DEPARTMENT
GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211
CHARLOTTE, NC 28202
704-336-5103 / FAX:704-336-6894

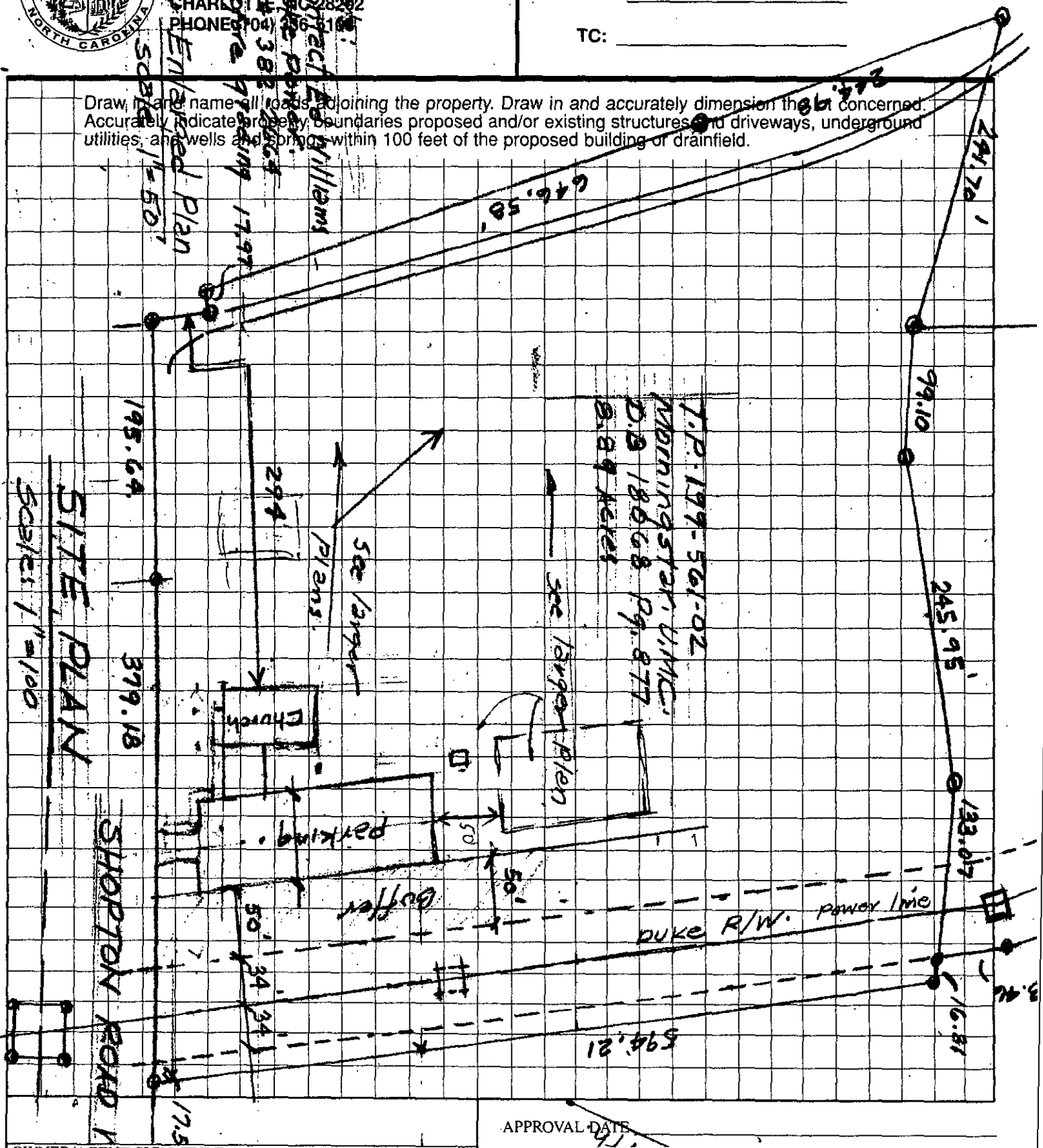
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE: (704) 336-5100

FILE: _____

TC: _____

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.



APPROVAL DATE _____

OWNER/AGENT SIGNATURE

DATE

White - Health Department's Copy Canary - E.H.S. Copy Pink - Owner's Copy

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

Sheet: 1 of 2
Property ID: 199-561-02
Lot #:
File #: 5730B
Code: 2

ACS

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: South Properties, LLC
Applicant: Matt Williams
Address: 3911 Sharonview Road, Charlotte, N. C., 28211
Date Evaluated: 10/21/2004
Proposed Facility: Fellowship building
Design Flow (.1949): 875gpd
Property Size: 1.0a. Inv.
Location of Site: Shopton Road West
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		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	LS, 5	0-3	GR/CL	FR/SEXP/SS/SP	>44" TO SOIL WETNESS	44	N/A	NONE	PS, IV
		3-12	SBK/CL	"					.2GPD/FT^2
		12-44	SBK/C	FI/SEXP/S/P					
2	"	0-6	GR/CL	FR/SEXP/SS/SP	>37" TO SOIL WETNESS	37	"	"	"
		6-37	SBK/C	FI/SEXP/S/P					
3	"	0-6	GR/CL	FR/SEXP/SS/SP	"	"	"	"	PS, IV
		6-37	SBK/C	FI/SEXP/S/P					.25GPD/FT^2
4	"	0-5	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		5-37	SBK/C	FI/SEXP/S/P					
5	"	0-4	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		4-37	SBK/C	FI/SEXP/S/P					
6	"	0-4	GR/CL	FR/SEXP/SS/SP	>31" TO SOIL WETNESS	31	"	"	US, IV
		4-31	SBK/C	FI/SEXP/S/P					.225GPD/FT^2
7	"	0-4	GR/CL	FR/SEXP/SS/SP	>46" TO SOIL WETNESS	46	"	"	PS, IV
		4-37	SBK/C	FI/SEXP/S/P					.25GPD/FT^2
		37-46	SBK/CL	FR/SEXP/SS/SP					
8	"	0-4	GR/CL	"	>24" TO SOIL WETNESS	24	"	"	US, IV
		4-24	SBK/C	FI/SEXP/S/P					.125GPD/FT^{2}LPP
9	"	0-5	GR/CL	FR/SEXP/SS/SP	>25" TO SOIL WETNESS	25	"	"	"
		5-25	SBK/C	FI/SEXP/S/P					

Description	Initial System	Repair System
Available Space (.1945)	US	US
System Type(s)		
Site LTAR	.225GPD/FT^2	.125GPD/FT^2

Other Factors (.1946):
Site Classification (.1948): UNSUITABLE
Evaluated By: W. R. Marlin, LSS, 10/22/2004. 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 #: 5730B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

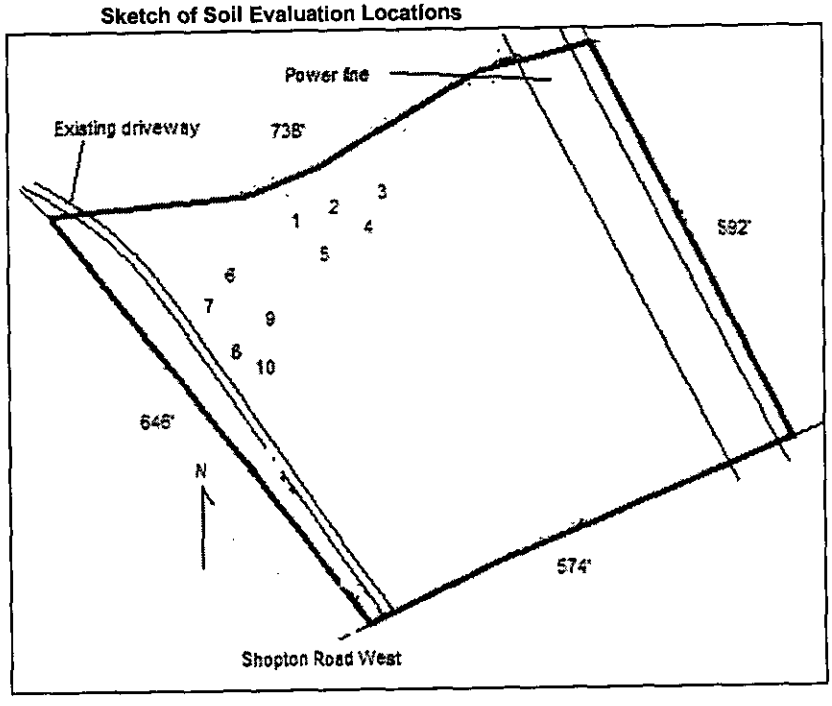
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		4-29	SBK/C	FI/SEXP/S/P					.125GPD/FT^{2}LPP

COMMENTS:
100% repair

Landscape Position	Group	Texture	.1955 LTAR	Structure
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Sketch of Soil Evaluation Locations



MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 04/03/06
Receipt #: 43019
Check / Auth #: CHECK 1550
Received By: WALKEVA

Amount: 100.00
Tendered: 0.00
Returned: 0.00

Account Information

Account #: 200000
Contractor: EDWARDS WALTER
Attn:
Address: 7338 BUCKLAND ROAD
Address:
City/State/Zip: CHARLOTTE, NC 28278

Item	Description	Permit#	Quantity	Unit Price	Total Price
0702	Optional Site Evaluations 11440 SHOPTON ROAD WEST		1	100.00	100.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
	20.00				

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	04/03/06	**Amount:**	100.00
Receipt #:	43020	**Tendered:**	0.00
Check / Auth #:	CHECK 1550	**Returned:**	0.00
Received By:	WALKEVA		

Account Information

Account #:	200000
Contractor:	EDWARDS WALTER
Attn:	
Address:	7338 BUCKLAND ROAD
Address:	
City/State/Zip:	CHARLOTTE, NC 28278

Item	Description	Permit#	Quantity	Unit Price	Total Price
0704	Change in Plot Plan 11440 SHOPTON ROAD WEST		1	100.00	100.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
	20.00				

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

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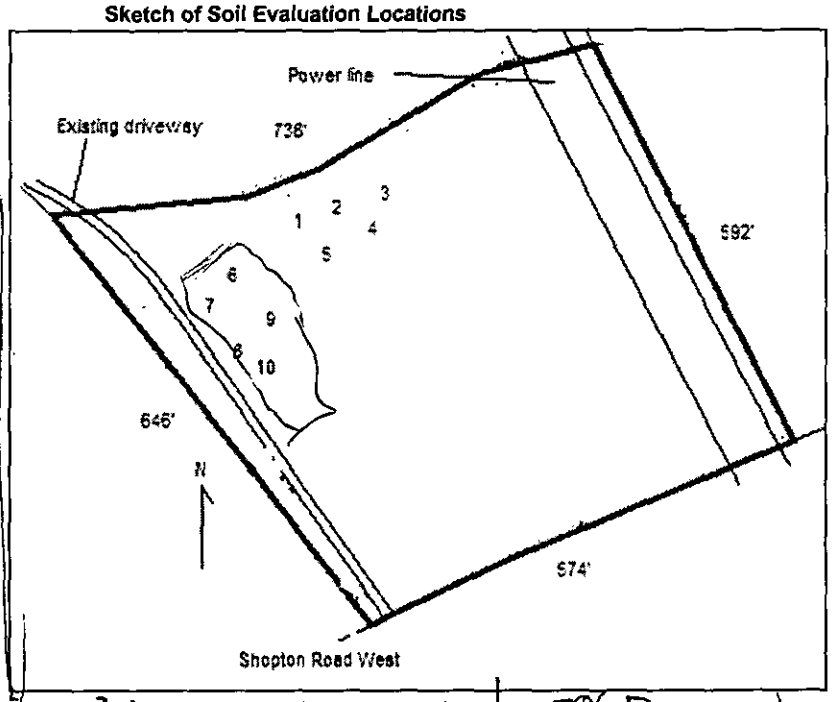
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	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations



INITIAL
1296 TLF 13 X 100'

REPAIR
2333 TLF 23 X 100'

HD9(13)-6 = 110' W X 100' L
117
70' X 150'
25% REDUCTION

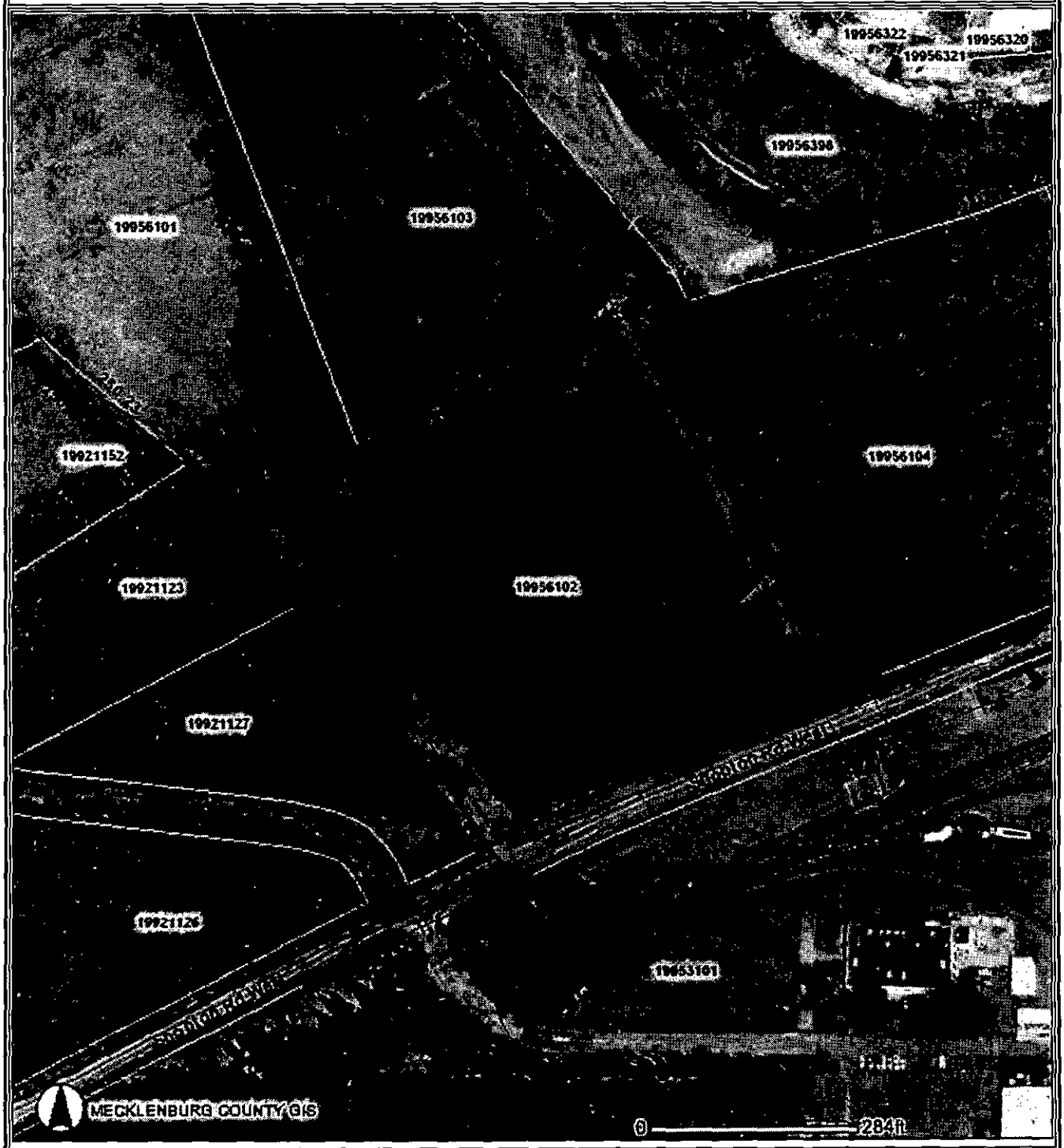
100' X 50'
HD9(23)-6 = 200' W X 100' L
207

Mecklenburg County, North Carolina

POLARIS

Property Ownership Land Records Information System

Date Printed: Wed Oct 6 14:57:17 EDT 2004



This map is prepared for the inventory of real property within Mecklenburg County and is compiled from recorded deeds, plats, tax maps, surveys, planimetric maps, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification. Mecklenburg County and its mapping contractors assume no legal responsibility for the information contained herein.

1-15
3
525

FEE: _____
DATE: _____

AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION

PERMIT NUMBER: 5730B
PARCEL NUMBER: 199-561-02

JOB LOCATION ADDRESS: Shopton Road West
PROPERTY OWNER: South Properties, LLC
BUILDING CONTRACTOR: Metrolina Builders
SUBDIVISION NAME:
AUTHORIZATION ISSUED BY: David Cornelius DATE: 11/04/04

11/9/04
BENR/DEH AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 5730B, 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:
   Install Pressure Manifold.
   Repair 50% reduction system.

CONDITIONS OF IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATON

Permit Number: **5730B** Tax Number: **199-561-02**

- 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:

0.225 Long-term acceptance rate (GPD/ft^2)	**875** Max gallons/day wastewater flow	**2917** Absorption Area (ft^2)	**9** Trench spacing (min. on centers) (ft)
Serviced by private well: ☐ Yes ☒ No	**1500** Gallon septic tank	**972** Total trench length (ft)	**24** Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.)
na Bedrooms in residence	**1000** Gallon pump tank	**na** Depth of stone (in)	

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

Additional conditions: **Pump tank required for any system over 750 linear feet. Install pressure manifold.**
Initial System 25% reduction.
Repair 50% reduction.

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:

1944 Absorption Area (ft^2) **648** Total trench length (ft)	**na** Depth of stone (in)	**8** Trench spacing (min. on centers) (ft)	**24** 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.

RS. 11/9/04

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

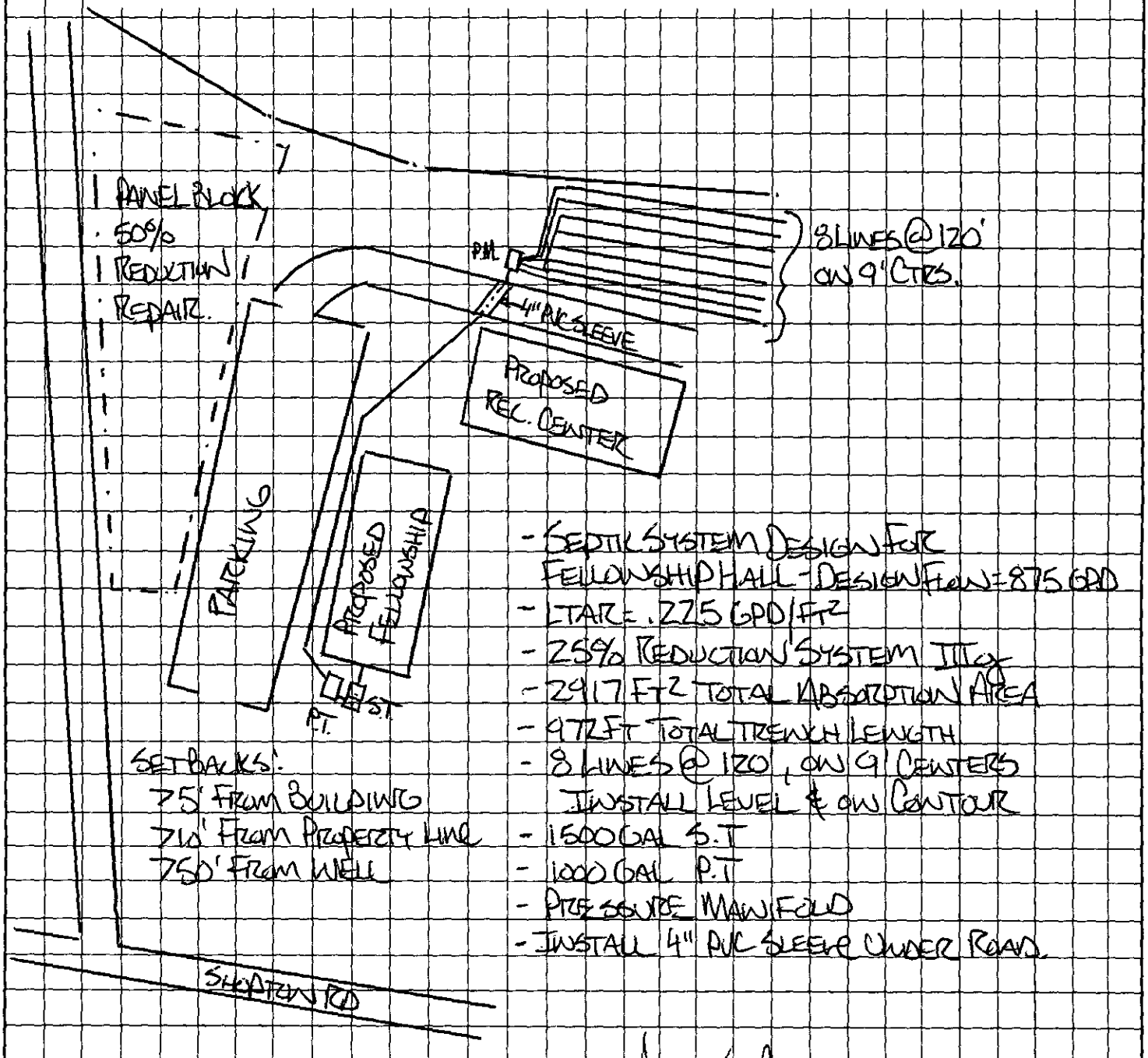
PROPOSED PLOT PLAN

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

FILE: 5730B

TC: 199-561-02

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

[signature] R.S. 11/9/01

White - Health Department's Copy Canary - E.H.S. Copy Pink - Owner's Copy

619

FEE: 400.00
DATE: 10-5-04
Check 3529 7KA

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

I CRT

TYPE APPLICATION: ___ 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 #:

PROJECT TRACKING #: 57303

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION: Sharon Rd West

TAX/PARCEL NUMBER: 19956102/19~~5~~ 11C 22

STREET ADDRESS:

LOT NUMBER:

TOWNSHIP (CHECK ONE):

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

X COMMERICAL ___ INDUSTRIAL

DESCRIBE TYPE OF BUSINESS:
CHURCH FELLOWSHIP HALL
Square Footage of Facility: 7,300 SF

NUMBER OF EMPLOYEES: 175 PEOPLE-MAX PER SHIFT: _____

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): ___ COMMUNITY (C) X 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: SEE SITE PLAN

BURIED CABLES, LANDFILLS, STUMPHOLES ___ YES ___ NO
EXISTING WASTE WATER SYSTEMS ___ YES ___ NO
EASEMENTS OR RIGHT-OF-WAYS ___ YES ___ NO
WELL SPRINGS OR WATERLINES ___ YES ___ NO
DESIGNATED WETLANDS ___ YES ___ NO

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

PROPERTY OWNER:
NAME: SOUTH PROPERTIES, LLC (LAST) (FIRST) (MI)
ADDRESS: 3911 SHARONVIEW RD
CITY: CHARLOTTE STATE: NC ZIP: 28211
DAYTIME PHONE: ( ) –

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:
NAME: WILLIAMS MATT (LAST) (FIRST) (MI)
DAYTIME PHONE: 704 553-0834
* ON BEHALF OF MORNINGSTAR UMC WHO IS PURCHASING PROPERTY *

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 11/3/97

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: Matt Williams DATE: 10/4/04

5730B

METROLINA BUILDERS, INC.
GENERAL CONTRACTORS

September 28, 2004

Mecklenburg County Health Department
700 North Tryon Street
Charlotte, NC 28202
Attn: Mr. Bill Marlin

Re: Morningstar United Methodist Church
Septic Application
Parcel #: 19956102

Mr. Marlin,

Please find the attached application for septic system. Morningstar UMC is in the process of purchasing this parcel of land for their new Fellowship Hall and the purchase is conditional upon soils testing and septic approval.

The new Fellowship Hall will be designed per the following specifications:

- 7,300 SF Fellowship Hall
- 175 +/- Maximum Seats
- Approximately (5) toilets, (1) urinal, (4) sinks, (1) drinking fountain

The attached site plan shows a proposed septic field as well as a proposed alternate septic repair area. Also shown on this plan are proposed future buildings, however none are anywhere close to being built and ultimately, no building on the site will have an occupant load over 175+/- people, nor will be occupied simultaneously. For all intensive purposes, the new Fellowship Hall is the only building that we are concerned with at this time, so please ignore any future buildings at this time.

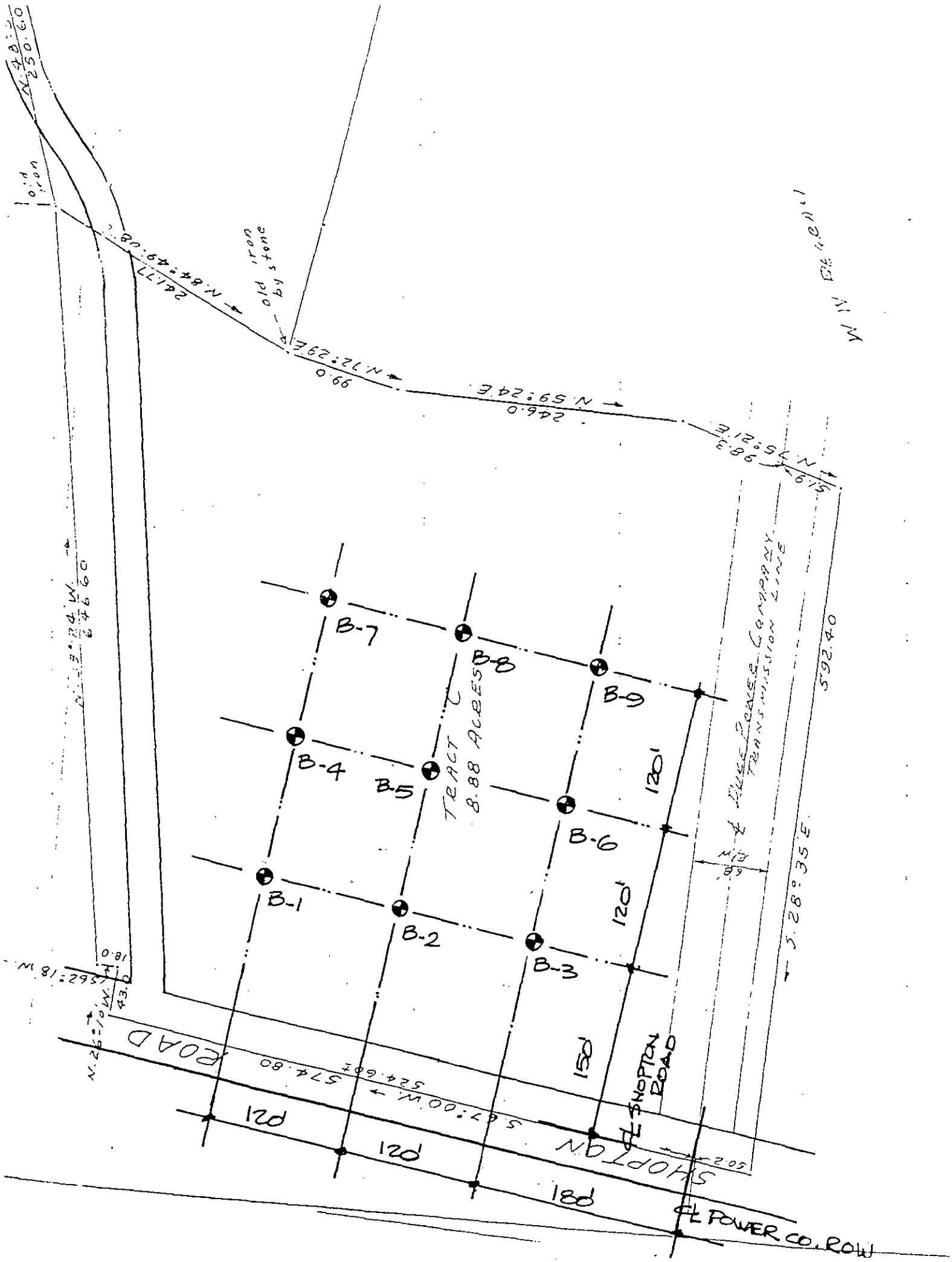
Please feel free to contact me at any time if you have any questions about this project. Also, we would appreciate a response at your earliest convenience since these results will determine the actual purchase of this property.

Sincerely,

Matt Williams
Metrolina Builders, Inc.

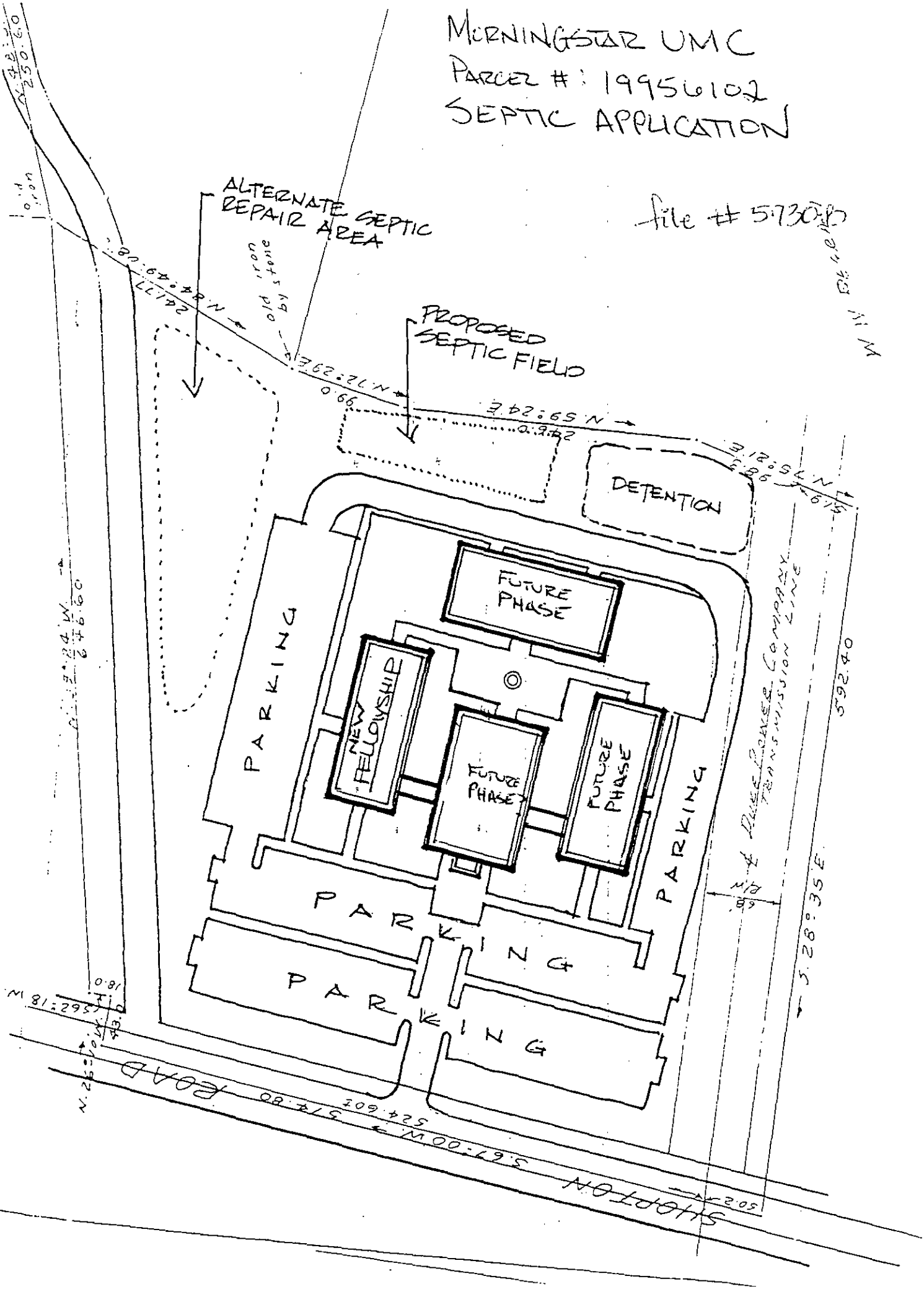
425 HEBRON ST. • CHARLOTTE, NORTH CAROLINA 28273 • PHONE 704 553-0834
P.O. BOX 240338 • CHARLOTTE, NORTH CAROLINA 28224
FAX 704 553-2096 • www.metrolinabuilders.com

NOTTOHS


B-7
B-8
B-9
B-4
B-5
B-6
B-1
B-2
B-3
TRACT C
8.88 ACRES
120'
120'
150'
12d
12d
18d
SHOPTON ROAD
FL POWER CO. ROW
FLORIDA POWER & LIGHT COMPANY TRANSMISSION LINE
S 28° 35' E
592.40
N 62° 18' W
246.0
N 59° 24' E
99.0
N 12° 29' E
246.17
N 64° 49' 08" W
250.60
S 67° 00' W
574.80
N 28° 01' W
246.60
S 22° 24' W
18.0
43.0
N 62° 18' W
N 28° 01' W
S 67° 00' W
S 28° 35' E
N 59° 24' E
N 12° 29' E
N 64° 49' 08" W
S 22° 24' W

MORNINGSTAR UMC
PARCEL #: 19956102
SEPTIC APPLICATION

file # 5730[illegible]



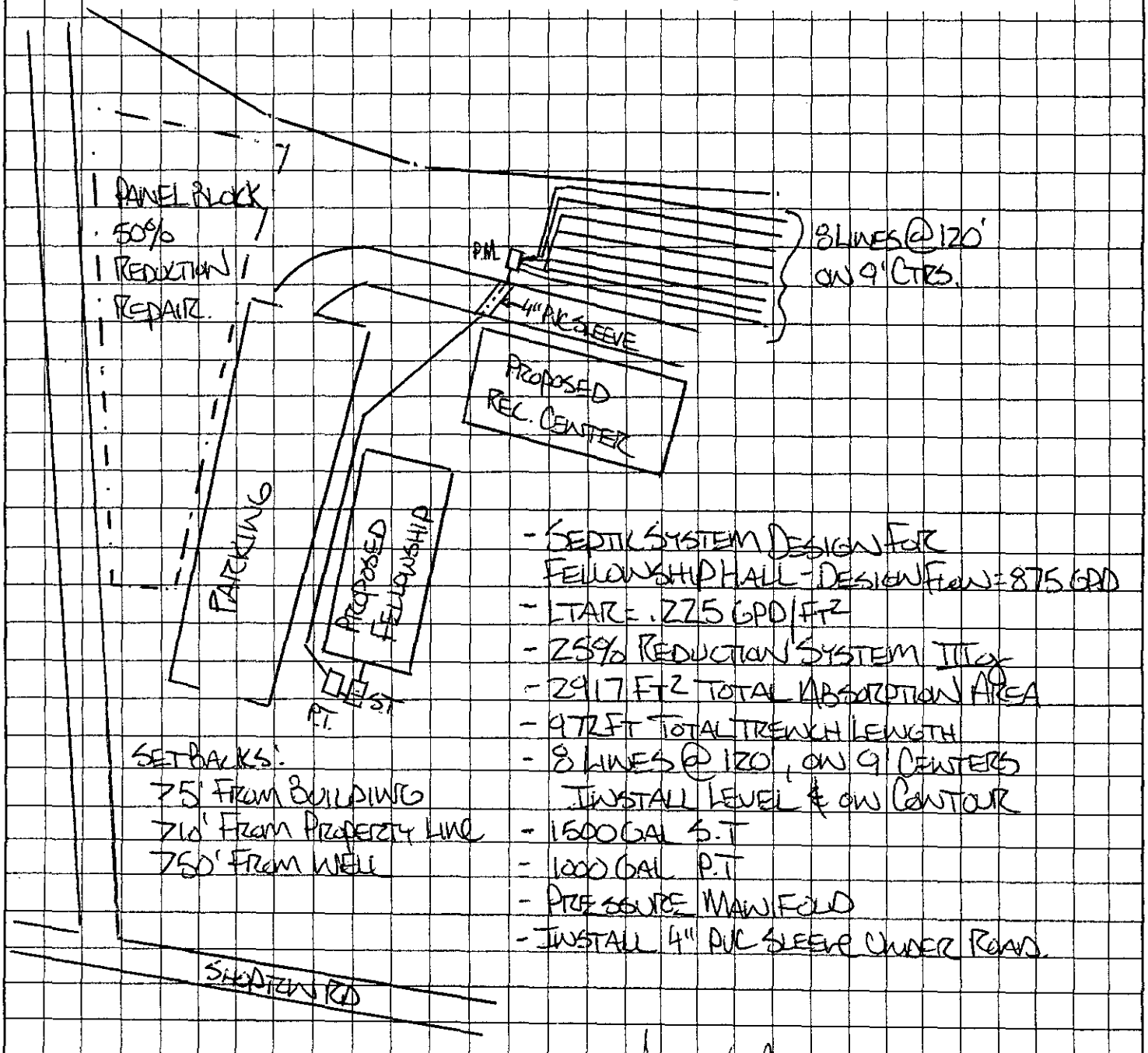
PROPOSED PLOT PLAN

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

FILE: 57308

TC: 149-561-02

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

RS. 11/9/04

White - Health Department's Copy

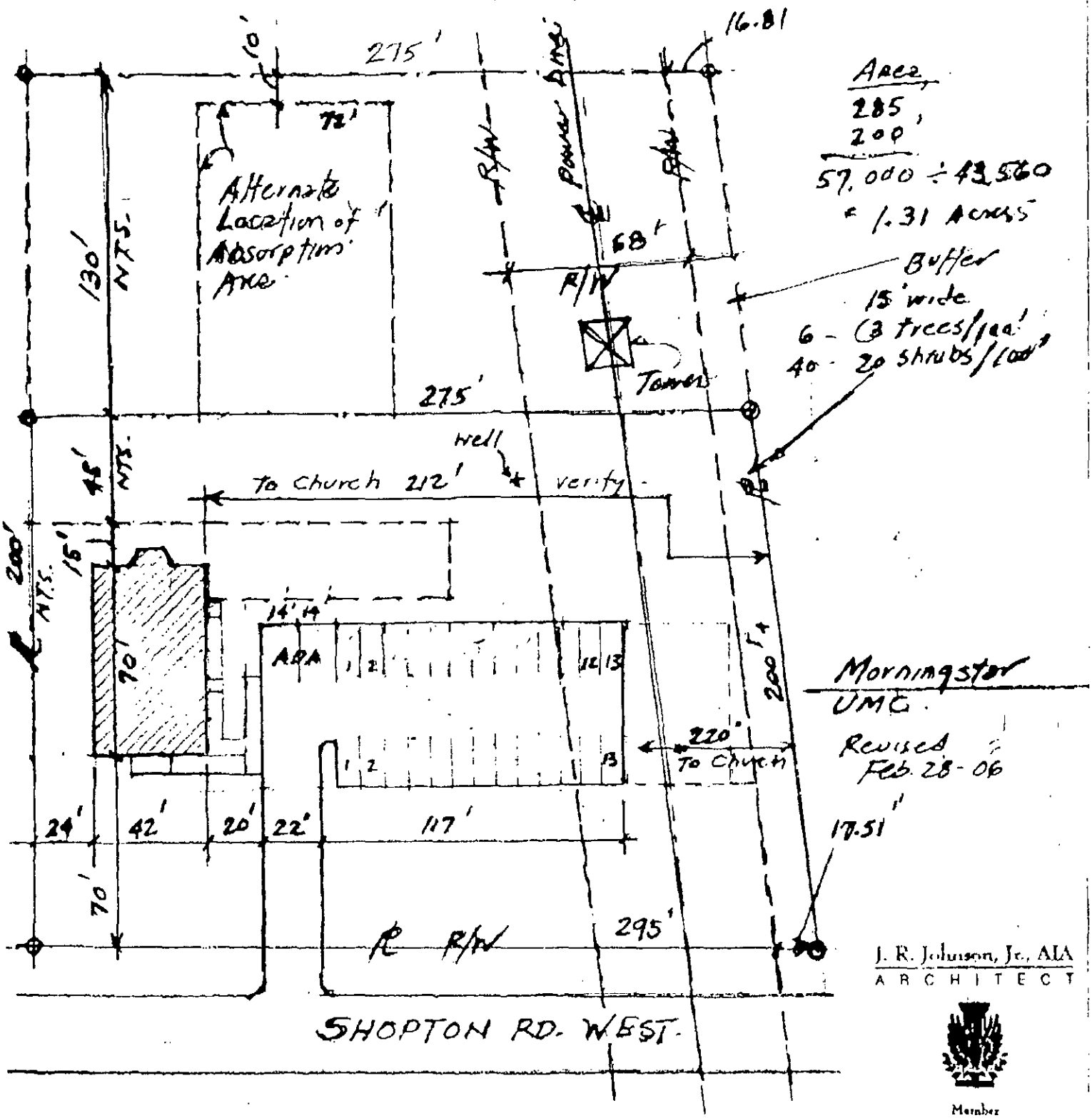
Canary - E.H.S. Copy

Pink - Owner's Copy

Construction

FAX to: 704-336-6899
Zach Peterson
March 1, 06

Sheet 1 of 2



Area
285,209
57,000 ÷ 43,560
= 1.31 Acres

Morningstar UMC.
Revised Feb. 28-06

SITE PLAN "B"

scale: 1" = 50'

for review not for Construction

J. R. Johnson, Jr., AIA
ARCHITECT

Member American Institute of Architects

P.O. Box 6242
Charlotte, N.C. 28207
704 333 5995

CONDITIONS OF IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATON

Permit Number: **5730B** Tax Number: **199-561-02**

- 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.
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Basement: ☐ Yes ☒ No ☐ Partial Basement

Primary Wastewater System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

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

0.225 Long-term acceptance rate (GPD/ft^2)	875 Max gallons/day wastewater flow	2917 Absorption Area (ft^2)	9 Trench spacing (min. on centers) (ft)
Serviced by private well: ☐ Yes ☒ No	1500 Gallon septic tank	972 Total trench length (ft)	24 Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.)
na Bedrooms in residence	1000 Gallon pump tank	na Depth of stone (in)	

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

Additional conditions: **Pump tank required for any system over 750 linear feet. Install pressure manifold.**
Initial System 25% reduction.
Repair 50% reduction.

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:

1944 Absorption Area (ft^2) 648 Total trench length (ft)	na Depth of stone (in)	8 Trench spacing (min. on centers) (ft)	24 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: 11/9/04

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

PERMIT NUMBER: 5730B
PARCEL NUMBER: 199-561-02

JOB LOCATION ADDRESS: Shopton Road West
PROPERTY OWNER: South Properties, LLC
BUILDING CONTRACTOR: Metrolina Builders
SUBDIVISION NAME:
AUTHORIZATION ISSUED BY: David Cornelius DATE: 11/04/04

11/9/04
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 5730B, 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.

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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.

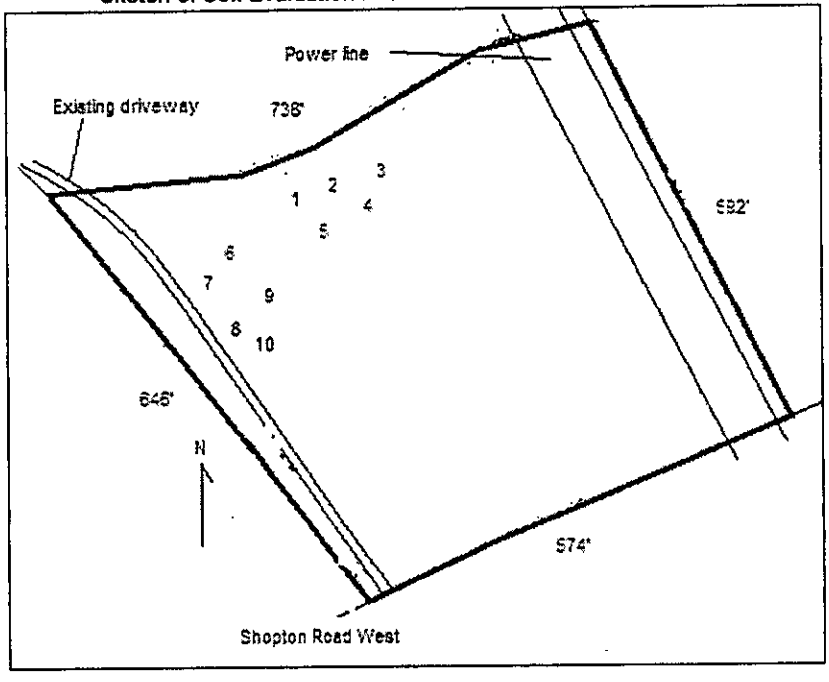
5. OTHER CONDITIONS:
   Install Pressure Manifold.
   Repair 50% reduction system.

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



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

Sheet: 1 of 2
Property ID: 199-561-02
Lot #:
File #: 5730B
Code: 2

ACS

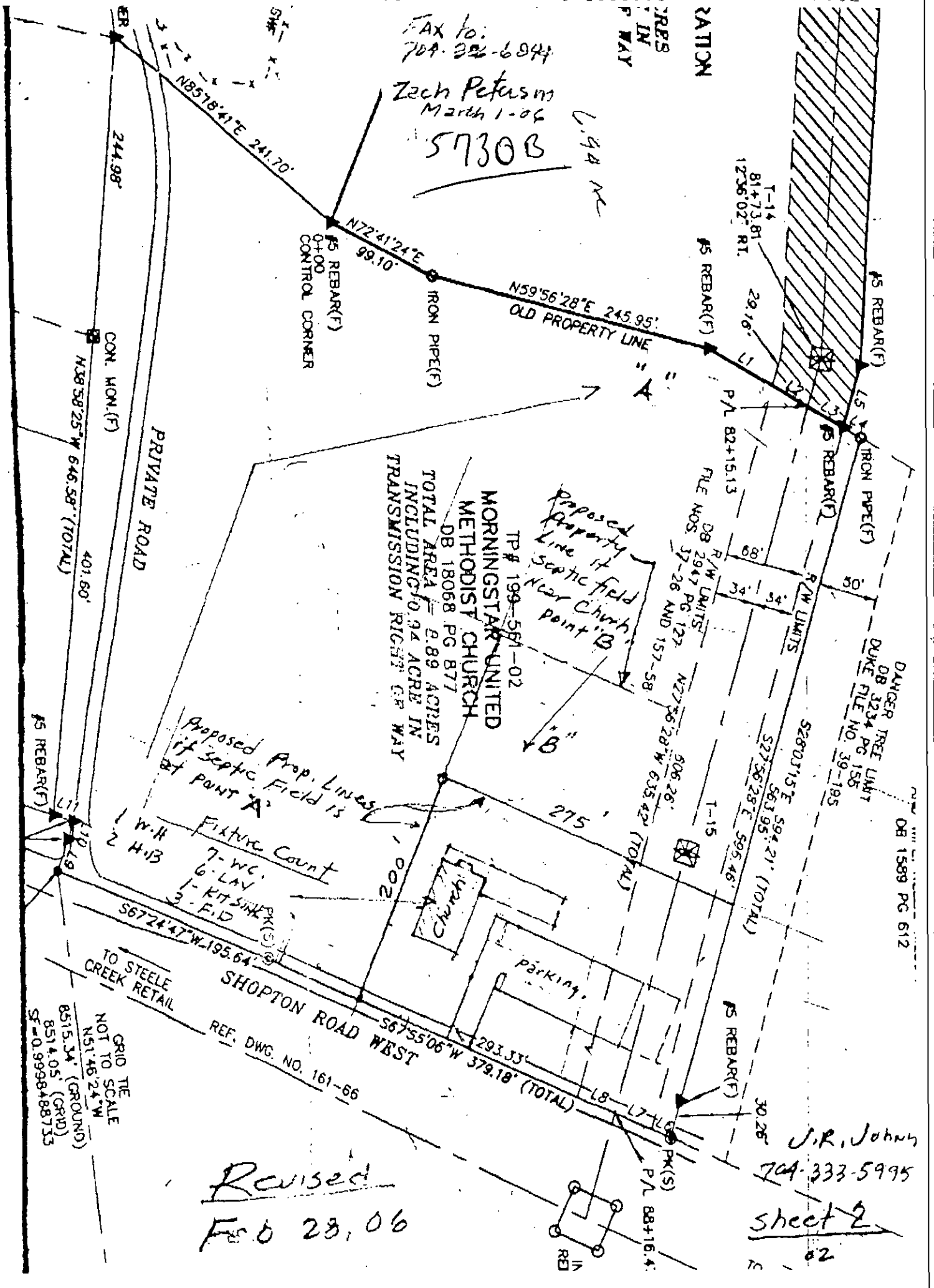
SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: South Properties, LLC
Applicant: Matt Williams
Address: 3911 Sharonview Road, Charlotte, N. C., 28211
Date Evaluated: 10/21/2004
Proposed Facility: Fellowship building
Design Flow (.1949): 875gpd
Property Size: 1.0a. Inv.
Location of Site: Shopton Road West
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, 5	0-3	GR/CL	FR/SEXP/SS/SP	>44" TO SOIL WETNESS	44	N/A	NONE	PS, IV .2GPD/FT^2
		3-12	SBK/CL	"					
		12-44	SBK/C	FI/SEXP/S/P					
2	"	0-6	GR/CL	FR/SEXP/SS/SP	>37" TO SOIL WETNESS	37	"	"	"
		6-37	SBK/C	FI/SEXP/S/P					
3	"	0-6	GR/CL	FR/SEXP/SS/SP	"	"	"	"	PS, IV .25GPD/FT^2
		6-37	SBK/C	FI/SEXP/S/P					
4	"	0-5	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		5-37	SBK/C	FI/SEXP/S/P					
5	"	0-4	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		4-37	SBK/C	FI/SEXP/S/P					
6	"	0-4	GR/CL	FR/SEXP/SS/SP	>31" TO SOIL WETNESS	31	"	"	US, IV .225GPD/FT^2
		4-31	SBK/C	FI/SEXP/S/P					
7	"	0-4	GR/CL	FR/SEXP/SS/SP	>46" TO SOIL WETNESS	46	"	"	PS, IV .25GPD/FT^2
		4-37	SBK/C	FI/SEXP/S/P					
		37-46	SBK/CL	FR/SEXP/SS/SP					
8	"	0-4	GR/CL	"	>24" TO SOIL WETNESS	24	"	"	US, IV .125GPD/FT^{2}LPP
		4-24	SBK/C	FI/SEXP/S/P					
9	"	0-5	GR/CL	FR/SEXP/SS/SP	>25" TO SOIL WETNESS	25	"	"	"
		5-25	SBK/C	FI/SEXP/S/P					

Description	Initial System	Repair System
Available Space (.1945)	US	US
System Type(s)		
Site LTAR	.225GPD/FT^2	.125GPD/FT^2

Other Factors (.1946):
Site Classification (.1948): UNSUITABLE
Evaluated By: W. R. Marlin, LSS, 10/22/2004
Others Present:


FAX to:
704-33[illegible]-6944
Zach Petersm
March 1-06
5730B
C.94 AC
N85°18'41"E 241.70'
244.98'
N72°41'24"E
99.10'
#5 REBAR(F)
0+00
CONTROL CORNER
IRON PIPE(F)
N59°56'28"E 245.95'
OLD PROPERTY LINE
#5 REBAR(F)
T-14
81+73.81
12°36'02" RT.
29.10'
L1
P/L 82+15.13
#5 REBAR(F)
IRON PIPE(F)
CON. MON.(F)
N38°58'25"W 646.58' (TOTAL)
401.60'
PRIVATE ROAD
"A"
"B"
Proposed property line if septic field near Church point "B"
DB 2947 PG 122
FILE NOS. 37-28 AND 157-58
R/W LIMITS
68'
34'
34'
50'
R/W LIMITS
DANGER TREE LIMIT
DUKE DB 3234 PG 155
FILE NO. 39-195
DB 1589 PG 612
MORNINGSTAR UNITED METHODIST CHURCH
DB 18068 PG 877
TP# 199-561-02
TOTAL AREA = 2.89 ACRES
INCLUDING 0.94 ACRE IN TRANSMISSION RIGHT OF WAY
Proposed Prop. Lines if Septic Field is at point "A"
Fixture Count
7-WC.
6-LAV
1-KIT SINK
3-F.D
W.U
2 4-13
S67°24'47"W 195.64'
TO STEELE CREEK RETAIL
REF. DWG. NO. 161-66
SHOPTON ROAD WEST
S67°55'06"W 379.18' (TOTAL)
275'
1,002
S27°56'28"E 595.46'
S28°01'15"E 594.21' (TOTAL)
N27°56'28"W 606.28'
635.42' (TOTAL)
T-15
CHURCH
parking
293.33'
L8
L7
L6
#5 REBAR(F)
30.26'
P/L 88+16.4
PK(S)
RB
GRID TIE
NOT TO SCALE
N51°46'24"W
8515.34' (GROUND)
8514.05' (GRID)
SF=0.99988733
J.R. Johnson
704-333-5995
Revised
Feb 28, 06
sheet 2
02



September 28, 2004

Mecklenburg County Health Department
700 North Tryon Street
Charlotte, NC 28202
Attn: Mr. Bill Marlin

Re: Morningstar United Methodist Church
Septic Application
Parcel #: 19956102

Mr. Marlin,

Please find the attached application for septic system. Morningstar UMC is in the process of purchasing this parcel of land for their new Fellowship Hall and the purchase is conditional upon soils testing and septic approval.

The new Fellowship Hall will be designed per the following specifications:

- 7,300 SF Fellowship Hall
- 175 +/- Maximum Seats
- Approximately (5) toilets, (1) urinal, (4) sinks, (1) drinking fountain

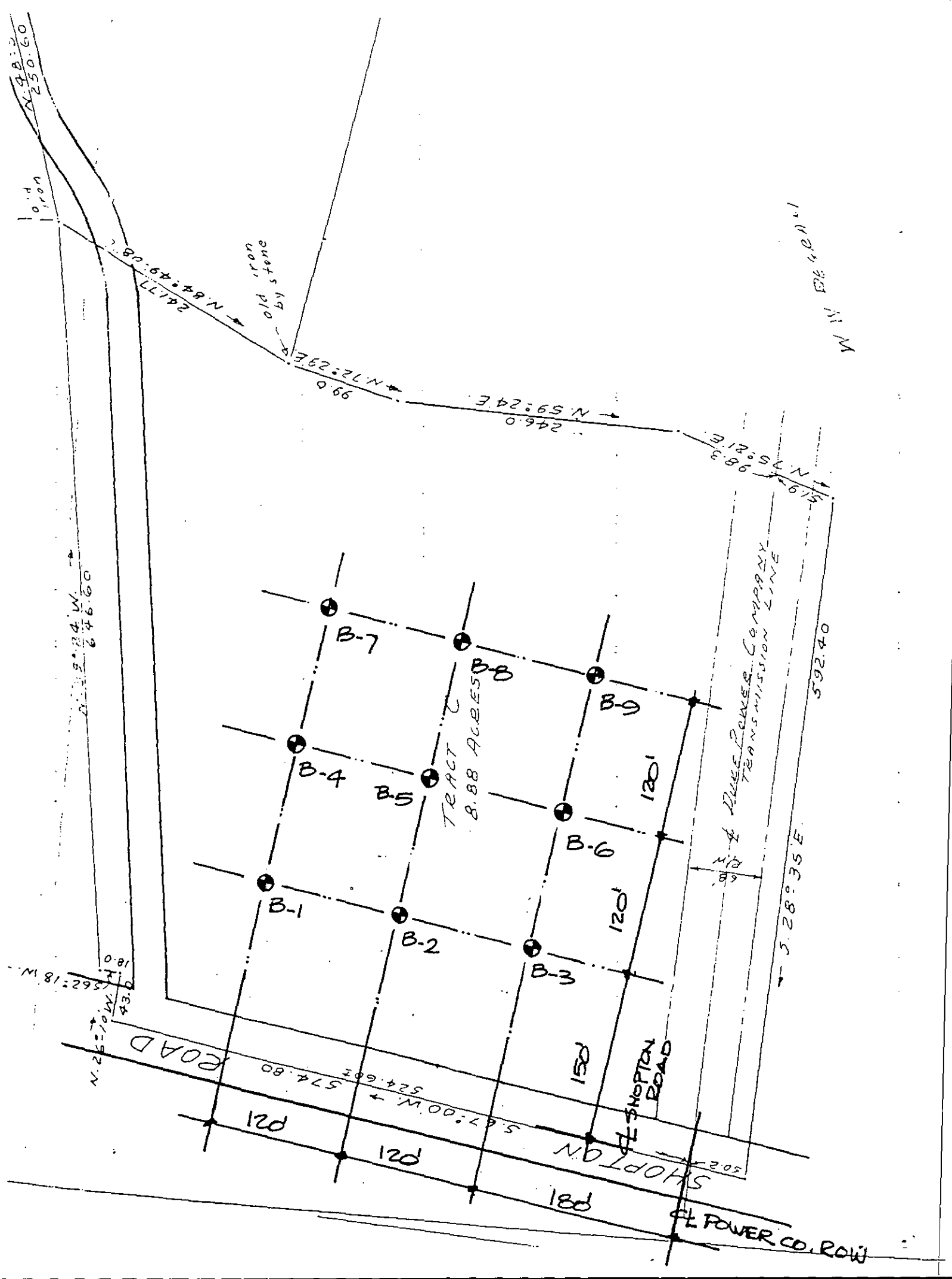
The attached site plan shows a proposed septic field as well as a proposed alternate septic repair area. Also shown on this plan are proposed future buildings, however none are anywhere close to being built and ultimately, no building on the site will have an occupant load over 175+/- people, nor will be occupied simultaneously. For all intensive purposes, the new Fellowship Hall is the only building that we are concerned with at this time, so please ignore any future buildings at this time.

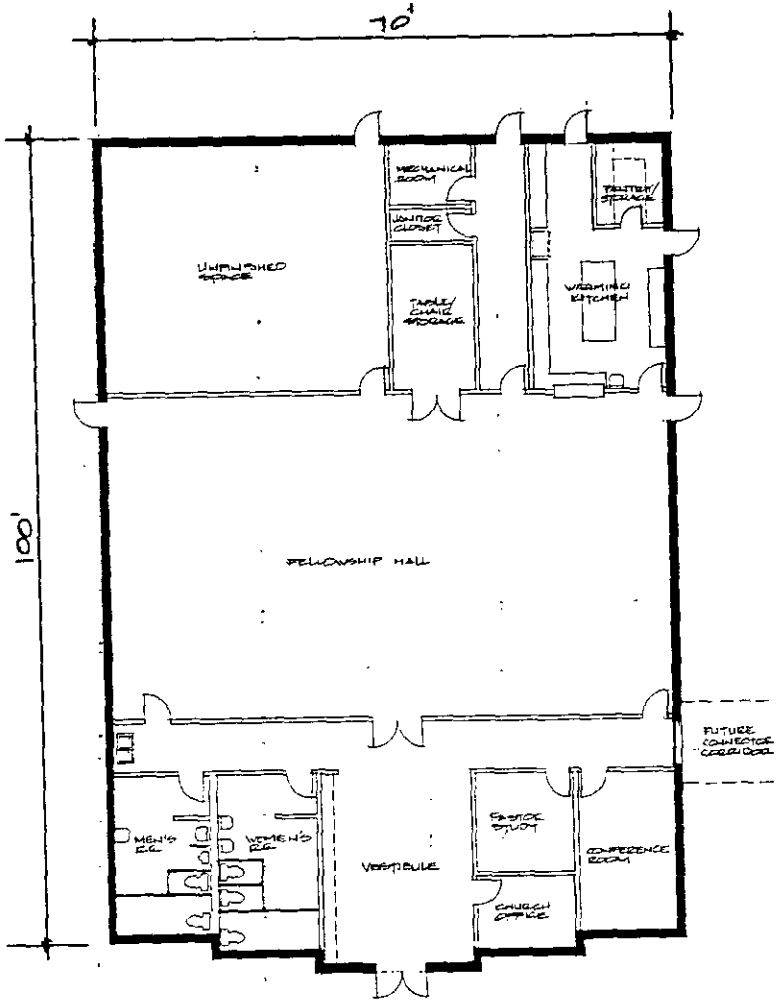
Please feel free to contact me at any time if you have any questions about this project. Also, we would appreciate a response at your earliest convenience since these results will determine the actual purchase of this property.

Sincerely,

Matt Williams
Metrolina Builders, Inc.

425 HEBRON ST. • CHARLOTTE, NORTH CAROLINA 28273 • PHONE 704 553-0834
P.O. BOX 240338 • CHARLOTTE, NORTH CAROLINA 28224
FAX 704 553-2096 • www.metrolinabuilders.com


B-7
B-8
B-9
B-4
B-5
B-6
B-1
B-2
B-3
TRACT C
8.88 ACRES
120'
120'
120'
120'
120'
180'
592.40
S 28°35'E
N 59°24'E
246.0
N 72°29'E
99.0
N 64°49'08"E
241.72
N 47°13'24"W
246.60
N 81°29'18"W
43.0
S 67°00'W
524.60
574.80
SHOPTON ROAD
℄ SHOPTON ROAD
℄ POWER CO. ROW
℄ VILLAGE POWER COMPANY TRANSMISSION LINE
old iron by stone
iron pipe



FELLOWSHIP BUILDING

PHASE I

FLOOR PLAN

(7,050 SF)

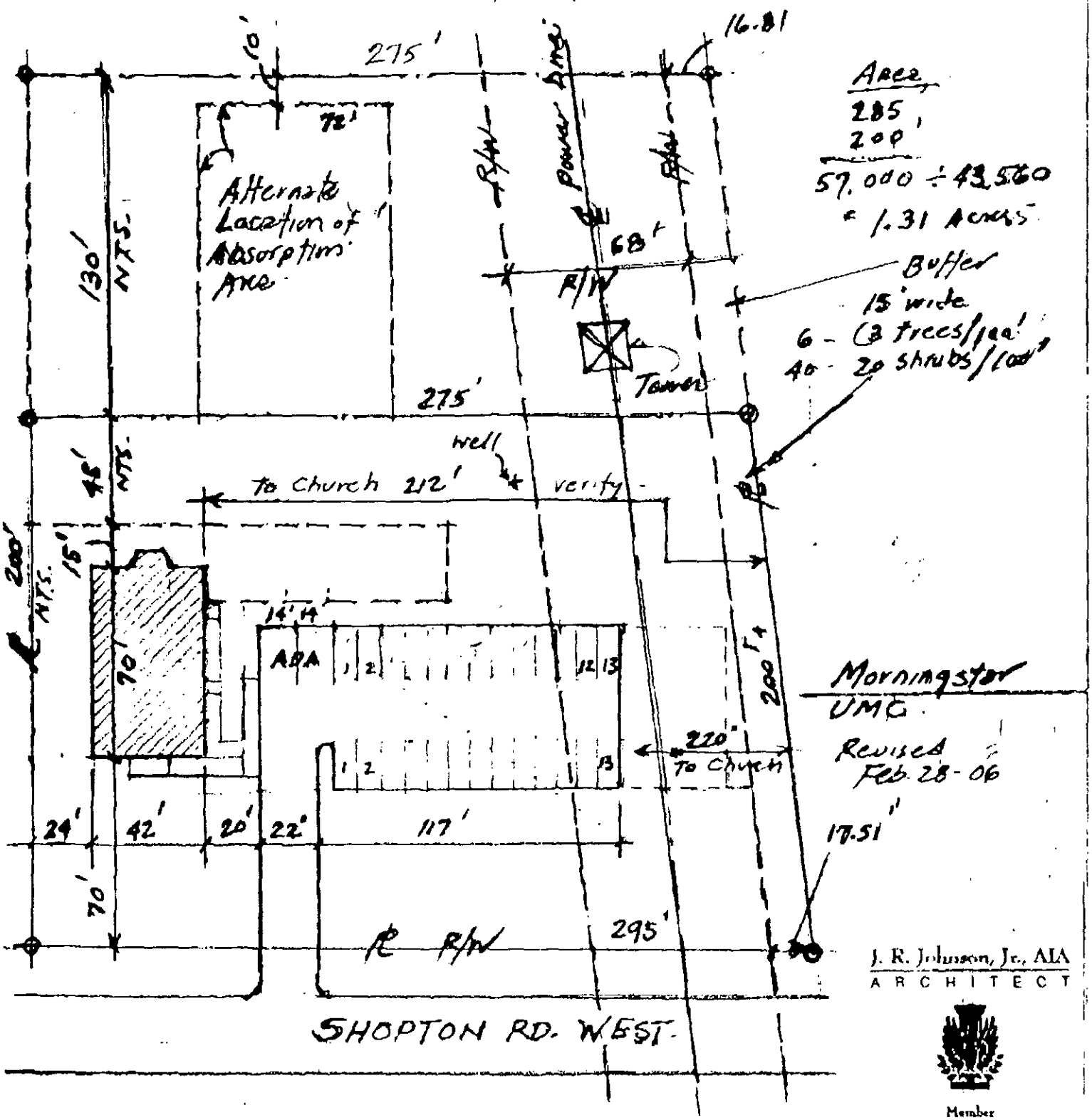
MORNINGSTAR UMC
CHARLOTTE, NC

METROLINA BUILDERS, INC.
GENERAL CONTRACTORS

DATE: 10/01/04 REVISION

FAX to: 704-336-6899
Zach Peterson
March 1, 06

Sheet 1 of 2



Area
285 ' 200 '
57,000 ÷ 43,560
= 1.31 Acres

Buffer
15' wide
6 - C3 trees/100'
40 - 20 shrubs/100'

Morningstar UMC
Revised Feb 28-06

J. R. Johnson, Jr., AIA
ARCHITECT

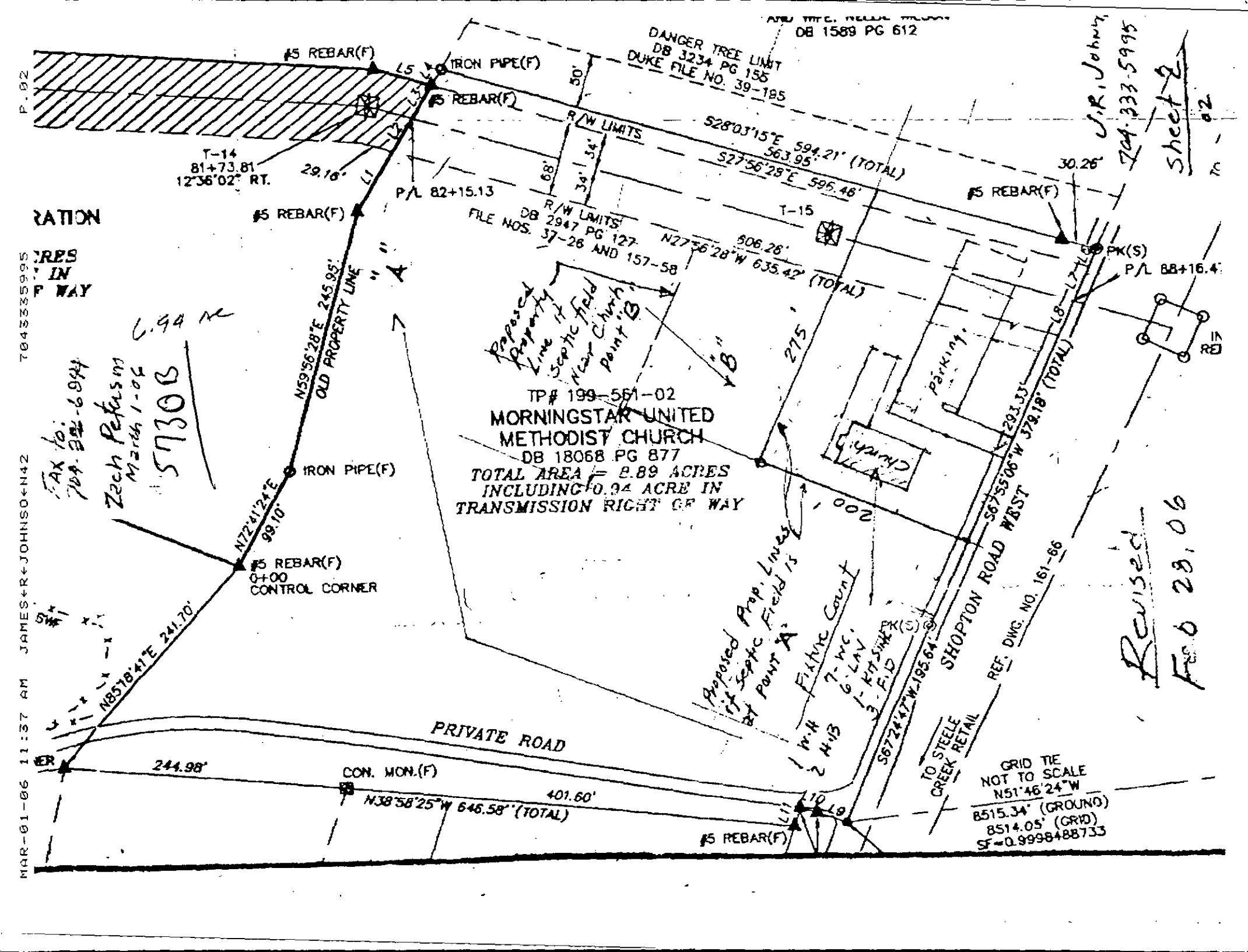
Member American Institute of Architects

P.O. Box 8242
Charlotte, N.C. 28207
704 333 5995

SITE PLAN "B"

Scale: 1" = 50'

for review not for Construction


DB 1589 PG 612
#5 REBAR(F)
IRON PIPE(F)
DANGER TREE LIMIT
DB 3234 PG 155
DUKE FILE NO. 39-185
R/W LIMITS
S28°03'15"E 594.21' (TOTAL)
S27°56'28"E 595.46'
563.95'
T-14
81+73.81
12°36'02" RT.
29.16'
P/L 82+15.13
R/W LIMITS
DB 2947 PG 127
FILE NOS. 37-26 AND 157-58
N27°56'28"W 606.26' (TOTAL)
N27°56'28"W 635.42'
T-15
30.26'
PK(S)
P/L 88+16.47
RATION
RES
IN
F WAY
0.94 AC
57308
Zach Perkins
March 1-06
FAX to:
704-882-6944
N59°56'28"E 245.95'
OLD PROPERTY LINE
Proposed Property Line if Septic field near Church point "B"
"A"
"B"
TP# 199-561-02
MORNINGSTAR UNITED METHODIST CHURCH
DB 18068 PG 877
TOTAL AREA = 8.89 ACRES
INCLUDING 0.94 ACRE IN TRANSMISSION RIGHT OF WAY
Church
Parking
293.33'
S67°55'06"W 379.18' (TOTAL)
215'
002
IRON PIPE(F)
N72°41'24"E
99.10'
#5 REBAR(F)
0+00
CONTROL CORNER
N85°18'41"E 241.70'
Proposed Prop. Lines if Septic Field is at point "A"
Fitness Count
7-WC
6-LAV
1-KIT SINK(S)
3-FD
1 W.H
2 H.B
S67°24'47"W 195.64'
SHOPTON ROAD WEST
REF. DWG. NO. 161-66
TO STEELE CREEK RETAIL
PRIVATE ROAD
244.98'
CON. MON.(F)
401.60'
N38°58'25"W 646.58" (TOTAL)
#5 REBAR(F)
GRID TIE
NOT TO SCALE
N51°46'24"W
8515.34' (GROUND)
8514.05' (GRID)
SF=0.9998488733
Revised
Feb 28, 06
Sheet 2
P.02
7043335995
MAR-01-06 11:37 AM JAMES+R+JOHNSO+N42

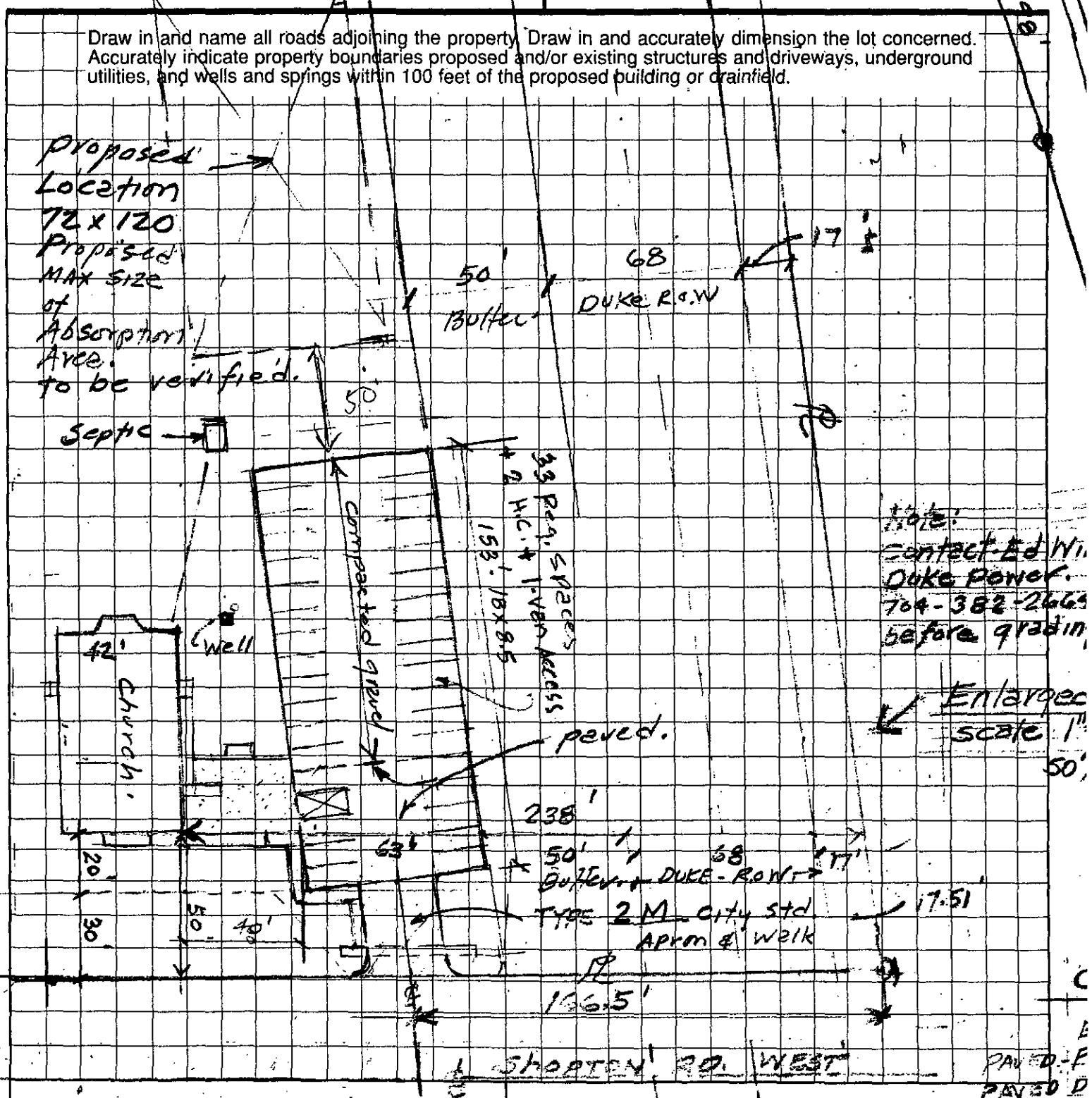
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5103

FILE: _____

TC: _____

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.

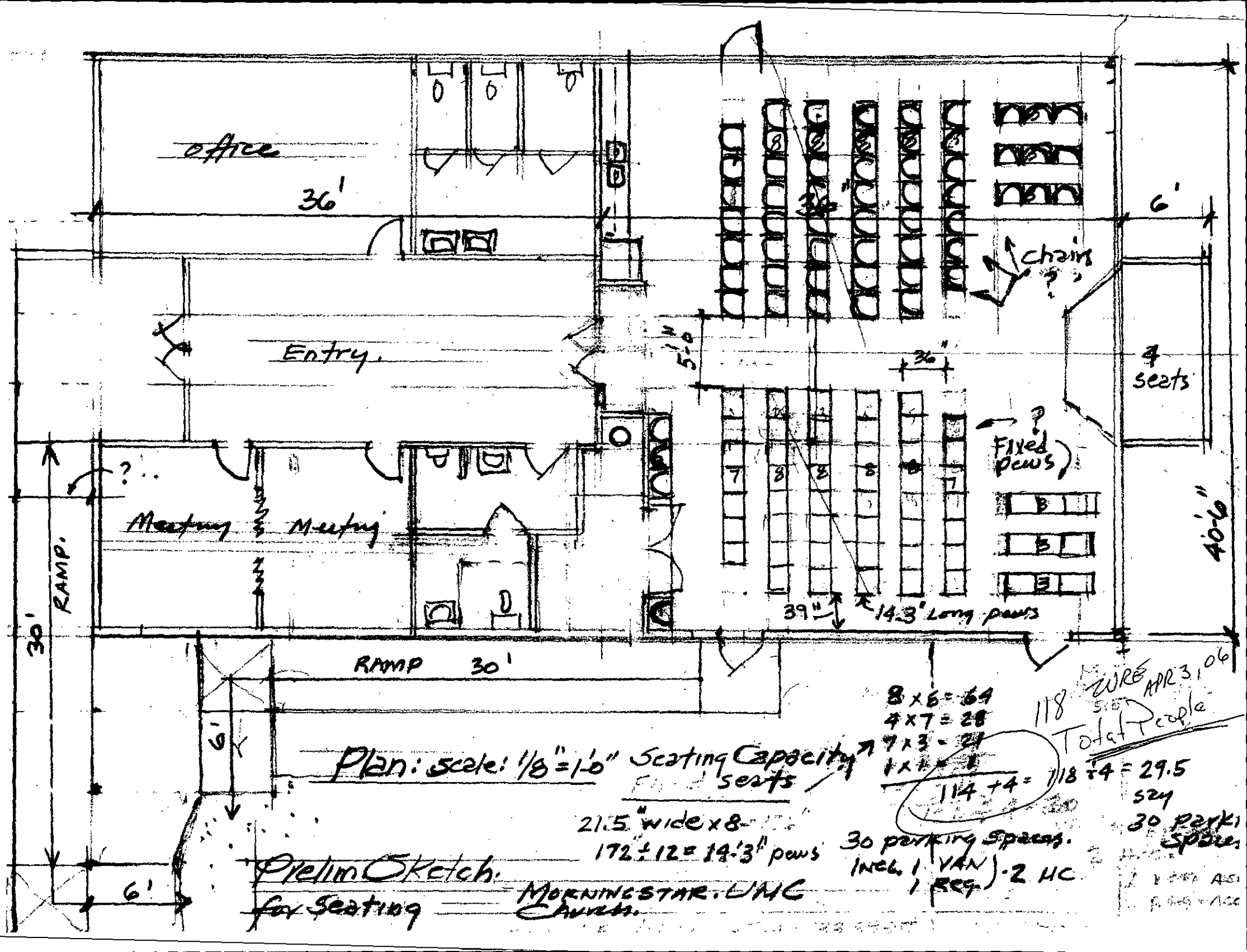


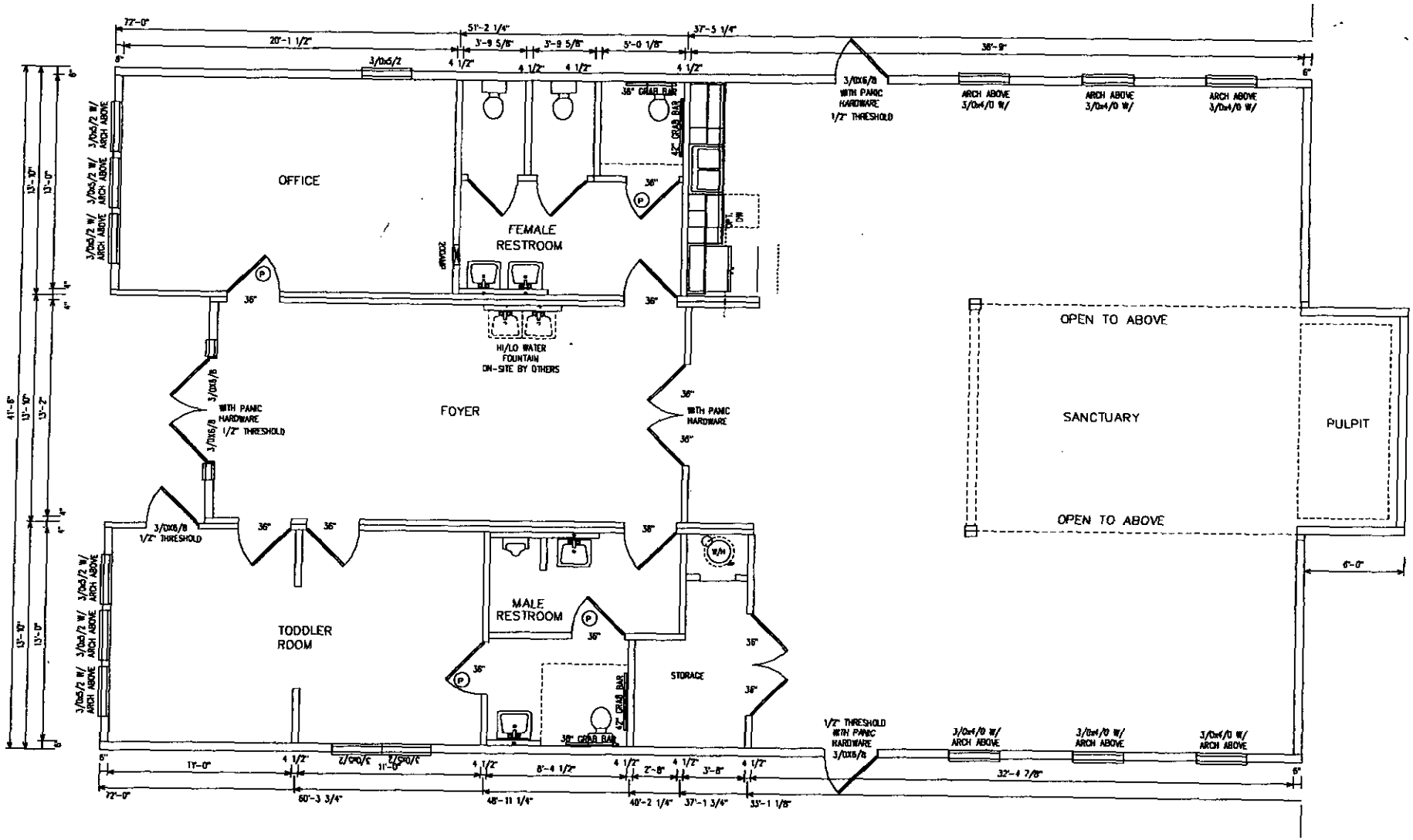
OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE

White - Health Department's Copy | Canary - E.H.S. Copy | Pink - Owner's Copy


office
36'
Entry.
Meeting
Meeting
RAMP.
30'
RAMP 30'
6'
6'
chairs ?
36"
4 seats
? Fixed pews)
39"
14.3' Long pews
40'-6"
8 x 6 = 64
4 x 7 = 28
7 x 3 = 21
1 x 1 = 1
114 + 4 = 118
118 Total People
118 ÷ 4 = 29.5
30 parking spaces.
INCL. 1 VAN
1 REG.) 2 HC
Plan: scale: 1/8" = 1'-0" Seating Capacity
seats
21.5" wide x 8-
172 ÷ 12 = 14'-3" pews
Prelim Sketch.
for Seating
Morningstar. UMC
Church.
RECEIVED APR 3, 06



CODES:

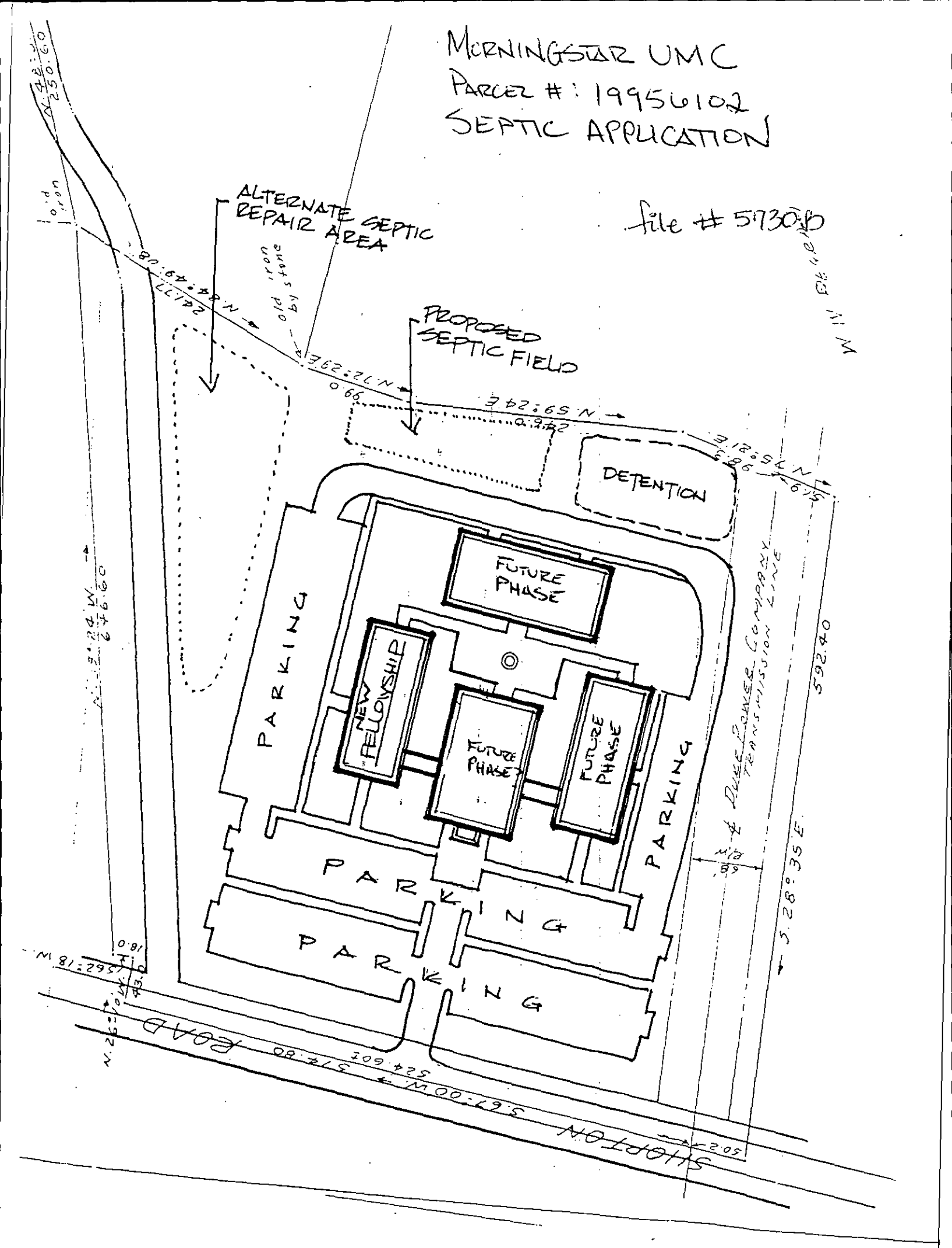
NORTH CAROLINA BUILDING CODE, 2002 EDITION
NORTH CAROLINA ACCESSIBILITY CODE – 2002 EDITION WITH 2004 AMENDMENTS
NORTH CAROLINA PLUMBING CODE – 2002 EDITION
NORTH CAROLINA MECHANICAL CODE – 2002 EDITION
NORTH CAROLINA ELECTRICAL CODE – 2005 EDITION W/ 2005 AMENDMENTS
NORTH CAROLINA FUEL GAS CODE – 2002 EDITION
NORTH CAROLINA ENERGY CODE – 2002 EDITION

OCCUPANCY: A-3 (ASSEMBLY)
OCCUPANT LOAD: 235
SEISMIC DATA: EXPOSURE GROUP 1, PERFORMANCE CATEGORY C,
SEISMIC DATA: Av=.15, Aa=.15, SOIL PROFILE S4
BEARING WALL SYSTEM, R6.5, Cd=4, PROCEDURE 1607.4
ROOF LOADS 20 psf, LL 10 psf, DL

2,988 SQFT. FIRST FLOOR
2,988 TOTAL SF
CONSTRUCTION TYPE VI UNPROTECTED
WIND 100 mph

LIVE LOAD:
OFFICES = 50 PSF
LOBBIES = 100 PSF
SANCTUARY = 100 PSF

DEAD LOAD = 10 PSF


MORNINGSTAR UMC
PARCEL #: 19956102
SEPTIC APPLICATION
file # 57305
ALTERNATE SEPTIC REPAIR AREA
PROPOSED SEPTIC FIELD
DETENTION
FUTURE PHASE
NEW FELLOWSHIP
FUTURE PHASE
FUTURE PHASE
PARKING
PARKING
PARKING
PARKING
592.40
S 28° 35' E
ROAD
SHORT ON

MECKLENBURG COUNTY
Health Department

October 27, 2004

South Properties, LLC
3911 Sharonview Road
Charlotte, NC 28211

Re: Application for improvement permit for Morningstar UMC
Property Site: Shopton Road West
Health Department file no. 5730B

Dear Property Owner or Owner's Agent:

The Mecklenburg County Health Department, Environmental Health Division on October 22, 2004 evaluated the above-referenced property at the site designated on the plat/site plan that accompanied your improvement permit application. According to your application the site is to serve a church fellowship hall, with a design wastewater flow of 875 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)
__X__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 January 29, 2003. 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 no 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,

David Cornelius, R.S.
Authorized Agent - DENR

Encl: (2)

Groundwater & Wastewater Services
Well Project File & Data Review Worksheet

GWS File #: 57308 WASPS App #: 731

Primary ES assigned to project: Josh Sellers

Secondary ES assigned to project: _____

Project Type: New Well ☑ Well Abandonment ☐ Major Repair ☐

Septic System Status: Permit in progress ☑ System installation completed ☐ N/A-Sewer ☐

I. File Review:

Completed application	Yes ☑	No ☐	
ARGU review report	Yes ☐	No ☐	N/A ☑
Signed permit	Yes ☑	No ☐	
Notification of disinfection	Yes ☐	No ☐	N/A ☑
Sample Results	TC ☑	Nitrate/Nitrite ☑	Other ☐ N/A ☐
GW-1 Form / GW-30 Form	Yes ☑	No ☐	
Other related documentation	Yes ☐	No ☐	N/A ☐

Items requiring correction/modification: _____

Comments: 6/28/07 TC results ok per Josh Seller verbal report from lab.

II. WASPS Review:

Completed application w/ valid address	Yes ☑	No ☐	
ARGU review completed	Yes ☐	No ☐	N/A ☑
Permit issued	Yes ☑	No ☐	
Activity checklist completed	Yes ☑	No ☐	
Appropriate comments included	Yes ☑	No ☐	
Site information record completed	Yes ☐	No ☐	
Well detail record completed	Yes ☑	No ☐	

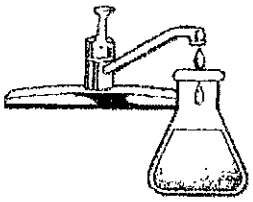
Items requiring correction/modification: _____

Comments: 6/28/07 - Please release GWS well hold

Application received date: 5/2/06 ES assigned date: 5/2/06 Permit issued date: 6/16/06

Well approval date: 6/28/07 Number of days to complete project: _____

Review performed by: _____ Date performed: 6/28/07



K & W Laboratories
9331-B Albemarle Road
Charlotte, North Carolina 28227
Tel (704) 569-1800 Fax (704) 569-0055

Date: 06/25/07

Client: Joshua R Sellers
Mecklenburg Cty Health Dept
700 N Tryon St.
Ste. 211
Charlotte, NC 28202

Project: 11440 Shopton Rd.

Sample Description: Drinking Water
Sample Number: E7027
Sample Date: 06/22/07
Sample Time: 10:00

Date Analysis Begun:	06/22/07	Time Analysis Begun:	16:00
Date Analysis Completed:	06/23/07	Time Analysis Completed:	16:00

Parameter	Results	Method
Total Coliform	**Present**	Colilert
Fecal Coliform	**Absent**	Colilert

Parameter	Results	Units	Method	Date Analyzed
Nitrate	**<1**	mg/l	SM4500-NO3-D	06/22/07
Nitrite	**<0.05**	mg/l	SM4500-NO2-B	06/22/07

EPA Maximum Contaminant Level
Nitrate 10 mg/l
Nitrite 1.0 mg/l

Certified By: G. Kraska

NC Certification: 37767
SC Certification: 99051

RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2971

1. WELL CONTRACTOR: Darby Well Drilling
Ronald Teague
Well Contractor (Individual) Name
James Darby Well Drilling, LLC.
Well Contractor Company Name
STREET ADDRESS 2512 Zinker Road
Rock Hill, SC 29732
City or Town State Zip Code
(803)- 329-2424
Area code- Phone number

2. WELL INFORMATION:
SITE WELL ID #(if applicable)
STATE WELL PERMIT#(if applicable)
DWQ or OTHER PERMIT #(if applicable)
WELL USE (Check Applicable Box): Residential Water Supply [X]
DATE DRILLED 4-10-07
TIME COMPLETED 4-15-07 AM ☐ PM [X]

3. WELL LOCATION:
CITY: Charlotte COUNTY Mecklenburg
11440 Shopton Rd.
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)
TOPOGRAPHIC / LAND SETTING:
☐ Slope ☐ Valley ☐ Flat ☐ Ridge ☐ Other
(check appropriate box)
LATITUDE 3
LONGITUDE
May be in degrees, minutes, seconds or in a decimal format
Latitude/longitude source: ☐ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. WELL OWNER
OWNER'S NAME Morningstar United Methodist
STREET ADDRESS 11440 Shopton
Charlotte NC
City or Town State Zip Code
( )-
Area code - Phone number

5. WELL DETAILS:
a. TOTAL DEPTH: 125
b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☐
c. WATER LEVEL Below Top of Casing: 48 FT.
(Use "+" if Above Top of Casing)
d. TOP OF CASING IS 1 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
e. YIELD (gpm): 15 METHOD OF TEST A. C

f. DISINFECTION: Type Granular Amount 6oz

g. WATER ZONES (depth):
From 60 To 62 From ____ To ____
From 101 To 107 From ____ To ____
From ____ To ____ From ____ To ____

6. CASING:

	Depth		Diameter	Thickness/ Weight	Material
From 0	To 41	Ft.			
From ____	To ____	Ft.			
From ____	To ____	Ft.			

7. GROUT:

	Depth		Material	Method
From 0	To 20	Ft.	neat cement	
From ____	To ____	Ft.		
From ____	To ____	Ft.		

8. SCREEN:

	Depth		Diameter	Slot Size	Material
From ____	To ____	Ft. ____	in. ____	in.	
From ____	To ____	Ft. ____	in. ____	in.	
From ____	To ____	Ft. ____	in. ____	in.	

9. SAND/GRAVEL PACK:

	Depth		Size	Material
From ____	To ____	Ft.		
From ____	To ____	Ft.		
From ____	To ____	Ft.		

10. DRILLING LOG

From	To	Formation Description
0	28	red clay
28	35	Weathered rock
35	125	Grey Granite

11. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Ronald Teague. 4-15-07
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Ronald Teague
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1a
Rev. 7/05

LD 191852

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

PERMIT TO CONSTRUCT A WATER SUPPLY WELL

Permit #: 10000731 **File #:** 5730B **Tax Parcel #:** 199-561-02
Property Owner: MORNINGSTAR UNITED METHODIST CHURCH
Job Location Address: 11440 SHOPTON
City/ETJ: CHARLOTTE **State:** NC **Zip Code:** 28278
Permit Issuance Date: 6/16/2006
Use of Well: Potable
Type of Facility Served by Well:
Sewage System Type: None

Area of Regulated Groundwater Usage Restrictions Apply: NO

Replacement for Existing Well: If Yes, see requirements in Other Conditions of This Permit.

General Conditions of This Permit:

- Water Supply Well construction must meet all requirements set forth in the *Mecklenburg County Groundwater Well Regulations* and any other applicable rules and laws.
- A North Carolina Certified Well Contractor must perform the well construction activities.
- The permitted Water Supply Well shall be located in accordance with the attached SITE PLAN.
- Any alteration of the site (including location of structures and appurtenances) or modification in use of the well, may subject this Permit to revocation.
- The Department will collect an initial sample of water from the Water Supply Well and analyze the sample for total coliform bacteria, nitrate, and nitrite. A review of the analysis by the Department must find the sample to meet the groundwater quality standards specified in Chapter 5 of the Mecklenburg County Groundwater Well Regulations before the Water Supply Well can be placed in service.
- This Permit shall be VALID for a period not to exceed 12 months from the date of issuance.

Specific Conditions of This Permit (Check all that apply):

☐ Grout must be placed the full extent of the casing. ☐ Casing to bedrock

☐ Initial water sample to be taken and analyzed for (check all that apply):

☐ Volatile Organic Compounds (VOC's) ☐ Semi-volatile Compounds ☐ Metals (Specify in Other Conditions)

☐ Pesticides ☐ Herbicides ☐ Other (See Below)

The analysis must be submitted to the Department for review and approval prior to the Water Supply well being placed in service.

Other Conditions of This Permit:

Zach Pickerson ES/KS
Authorized Agent: Print Name

Signature:

Walter R Edwards
Owner/Legal Agent: Print Name

Signature: WALTER R EDWARDS
TRUSTEE CHAIRMAN

PROPOSED PLOT PLAN

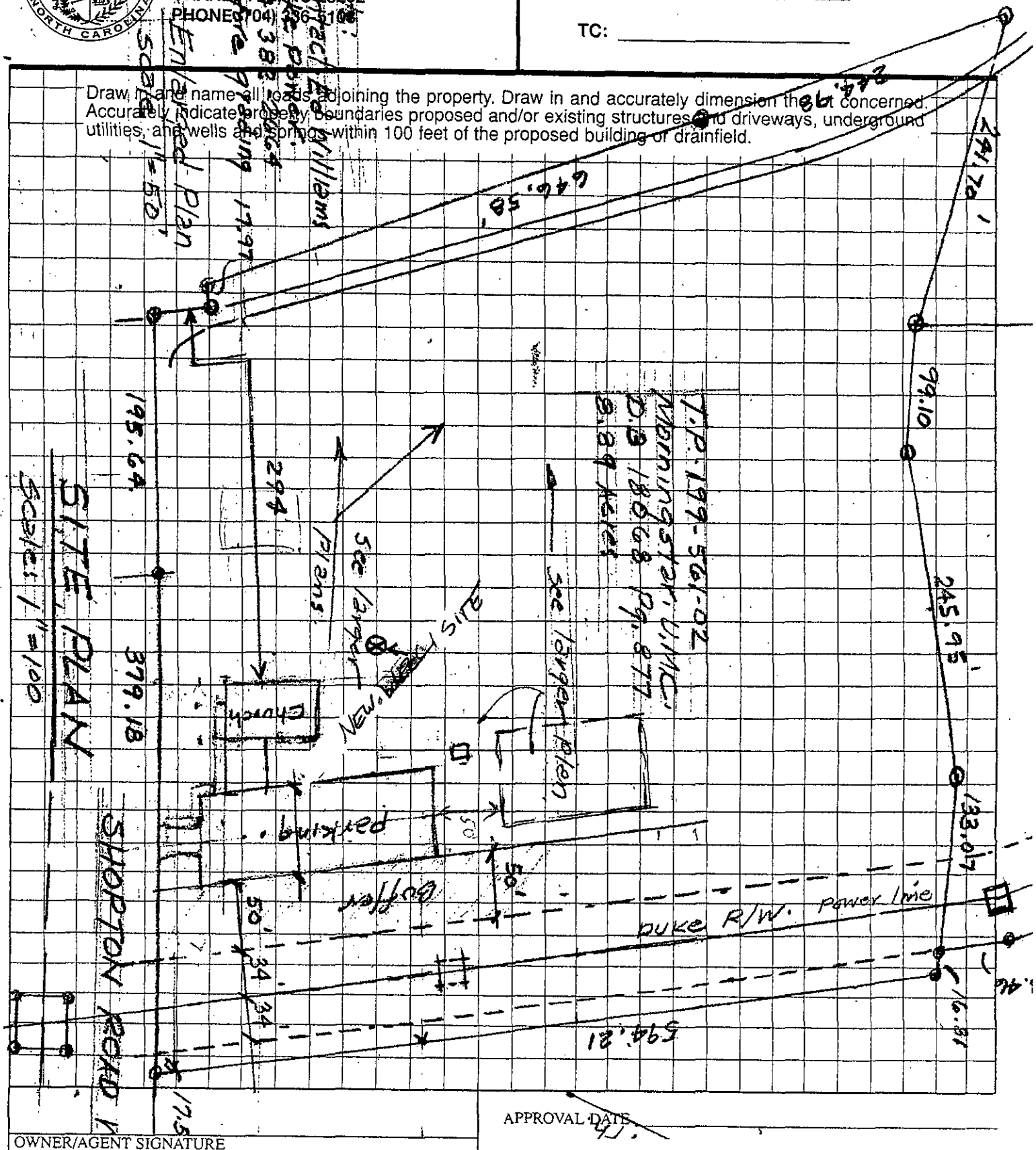
COPY

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE: (704) 336-5100

FILE: 5730B

TC: _____

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.


Scale: 1" = 50'
SITE PLAN
Scale: 1" = 100'
T.P. 199-501-02
Manufacturing, Inc.
D.B. 18028 Pg. 877
S.B. 99 Page 24
NEW SITE
See Proposed Plan
See Proposed Plan
Existing Bldg
Existing Bldg
Existing Bldg

GWS- COM. APP 07/05

SEPTIC FEE: _____
DATE: _____
CRT [ ]

PERMIT APPLICATION FOR A COMMERCIAL SITE IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATION FOR ON-SITE WASTEWATER SYSTEM NEW WELL INSTALLATION OR REPAIR OF EXISTING WELL MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES

FILE # 5730B

CLK# 2634

WELL FEE: 400.00
DATE: 5/2/06
CRT [ ] GC

SEPTIC / TYPE APPLICATION: ☐ NONE ☐ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFY PLOT PLAN

WELL / TYPE APPLICATION: ☐ NONE ☑ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

JOB LOCATION INFORMATION

PROJECT TRACKING #:
TAX/PARCEL #: 199 56 102
STREET ADDRESS: 11440 SHOPTON RD
CITY: CHARLOTTE
STATE: NC ZIP: 28278
LOT #:
TOWNSHIP:

☑ 0-MECKLENBURG ☐ 4-PINEVILLE
☐ 1-CHARLOTTE ☐ 5-MATTHEWS
☐ 2-DAVIDSON ☐ 6-HUNTERSVILLE
☐ 3-CORNELIUS ☐ 7-MINT HILL

BUILDING INFORMATION:

Zech

DESCRIBE TYPE OF BUSINESS: CHURCH
☑ COMMERCIAL ☐ INDUSTRIAL
SQUARE FOOTAGE OF FACILITY: 2988 118 Seats in Sanctuary
NUMBER OF EMPLOYEES PER SHIFT: 1
NUMBER OF SHIFTS: 1
TYPE OF WASTEWATER:
☑ SEWAGE ☐ INDUSTRIAL PROCESS WASTEWATER
HOW WILL WATER BE USED IN THE FACILITY?:
☑ TOILETS/URINALS ☑ HANDSINKS ☐ SHOWERS
☐ FLOOR DRAINS ☐ OTHER

IF PLANNING TO EXPAND/ALTER THE EXISTING SYSTEM, INFORMATION DOCUMENTING THE INCREASED WASTEWATER FLOW AND/OR A JUSTIFICATION FOR SYSTEM ALTERATION WILL BE REQUIRED.

WATER SUPPLY:

☐ MUNICIPAL (M) ☐ PUBLIC (C) ☐ PRIVATE WELL (P) ☐ SHARED WELL (S) ☐ OTHER 'SPRINGS' (O)

PROPOSED USE OF WELL: ☐ N/A ☐ IRRIGATION ☑ POTABLE ☐ GEOTHERMAL ☐ OTHER

ARE ANY OF THE FOLLOWING LOCATED ON THE PROPERTY? IF SO, PLEASE SHOW LOCATION ON SITE PLAN/PLAT.

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES	☑ NO	WELLS, SPRINGS, OR WATER LINES	☐ YES	☑ NO
EXISTING WASTEWATER SYSTEMS	☐ YES	☑ NO	DESIGNATED WETLANDS	☐ YES	☑ NO
EASEMENTS OR RIGHT-OF-WAYS	☑ YES	☐ NO	GRADING/SOIL REMOVAL PERFORMED	☐ YES	☐ NO

PROPERTY OWNER:

NAME: MORNINGSTAR UNITED METHODIST CHURCH
ADDRESS: P.O. BOX 38128
CITY: CHARLOTTE
STATE: NC ZIP: 28273
HOME PHONE: WORK PHONE:
MOBILE PHONE: 704-737-1158 FAX :

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: WALTER R EDWARDS
ADDRESS: 7338 BUCKLAND RD
CITY: CHARLOTTE
STATE: NC ZIP: 28278
HOME PHONE: 704 583 4733 WORK PHONE:
MOBILE PHONE: 704-607-2801 FAX: 704 583 4733

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? DEC 1 2004
WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?

*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 the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Walter R Edwards (TRUSTEE) may 2 2006
Owner's/Agent's Signature Date

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

*A Well 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 the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Walter R Edwards (TRUSTEE) may 2 2006
Owner's/Agent's Signature Date

MECKLENBURG COUNTY HEALTH DEPARTMENT
GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211
CHARLOTTE, NC 28202
704-336-5103 / FAX:704-336-6894