FEE: 400.00
DATE: 12-5-04
CHECK 355991 JSH

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

1 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 #: 57308

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

TAX/PARCEL NUMBER: 19956102/19~~4212~~26

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:

TYPE OF WASTEWATER:
X SEWAGE
___ INDUSTRIAL PROCESS WASTE WATER

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

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	WELL SPRINGS OR WATERLINES	___ YES ___ NO
EXISTING WASTE WATER SYSTEMS	___ YES ___ NO	DESIGNATED WETLANDS	___ YES ___ NO
EASEMENTS OR RIGHT-OF-WAYS	___ 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

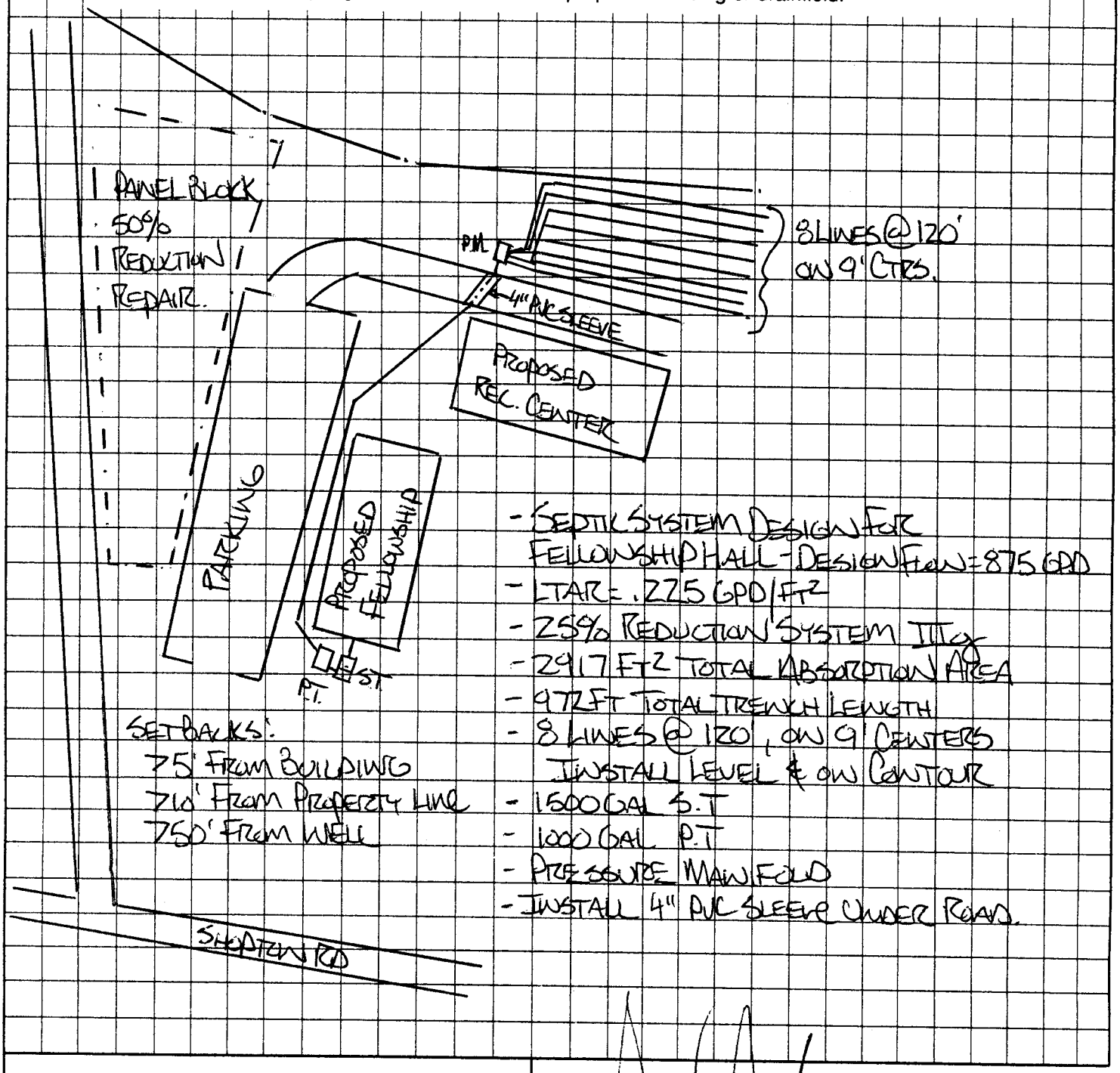
PROPOSED PLOT PLAN

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

FILE: 5730B

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.



SETBACKS:
75' FROM BUILDING
710' FROM PROPERTY LINE
750' FROM WELL

- SEPTIC SYSTEM DESIGN FOR FELLOWSHIP HALL - DESIGN FLOW = 875 GPD
- LTAR = .225 GPD/FT²
- 25% REDUCTION SYSTEM III-A
- 2917 FT² TOTAL ABSORPTION AREA
- 972 FT TOTAL TRENCH LENGTH
- 8 LINES @ 120', ON 9' CENTERS INSTALL LEVEL & ON CONTOUR
- 1500 GAL S.T
- 1000 GAL P.T
- PRESSURE MANIFOLD
- INSTALL 4" PVC SLEEVE UNDER ROAD.

OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE

RS. 11/9/04

White - Health Department's Copy

Canary - E.H.S. Copy

Pink - Owner's Copy

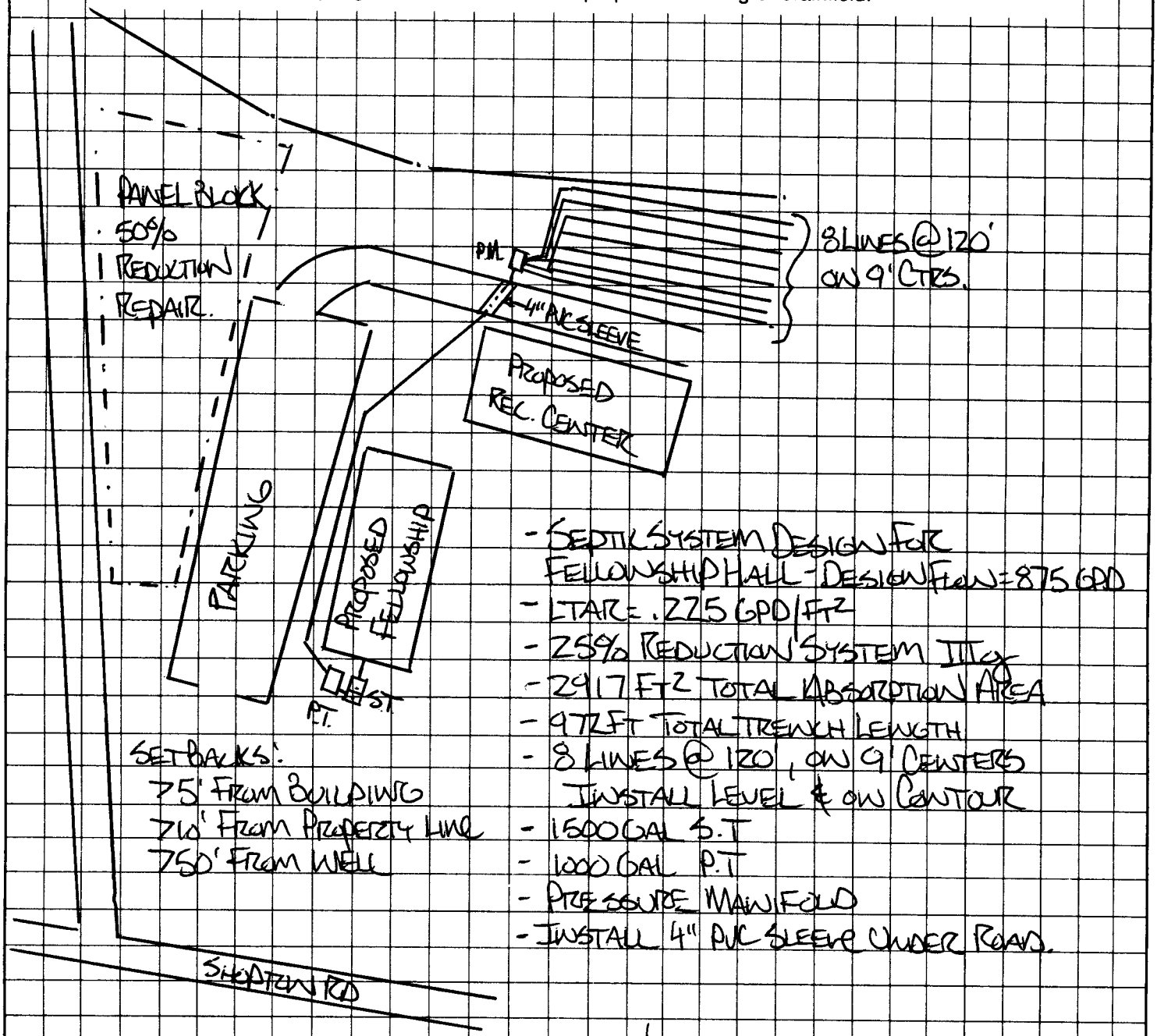
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Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100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



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- LTAR = .225 GPD/FT²
- 25% REDUCTION SYSTEM III
- 2917 FT² TOTAL ABSORPTION AREA
- 972 FT TOTAL TRENCH LENGTH
- 8 LINES @ 120', ON 9' CENTERS INSTALL LEVEL & ON CONTOUR
- 1500 GAL S.T
- 1000 GAL P.T
- PRESSURE MANIFOLD
- INSTALL 4" PVC SLEEVE UNDER ROAD.

OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE

RS. 11/9/01

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

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 #	SOIL MORPHOLOGY .1941			OTHER PROFILE FACTORS				
	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	.1941 Structure/ Texture	.1941 Consistence Mineralogy	.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. 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

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941		OTHER PROFILE FACTORS				
			1941* Structure/ Texture	1941 Consistence Mineralogy	1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956* Sapro Class	1944 Restr Horiz	Profile Class & LTAR
10	LS, 5	0-4	GR/CL	FR/SEXP/SS/SP	>29" TO SOIL WETNESS	29	N/A	NONE	US, IV
		4-29	SBK/C	FI/SEXP/S/P					.125GPD/FT^{2}LPP

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-Food 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	

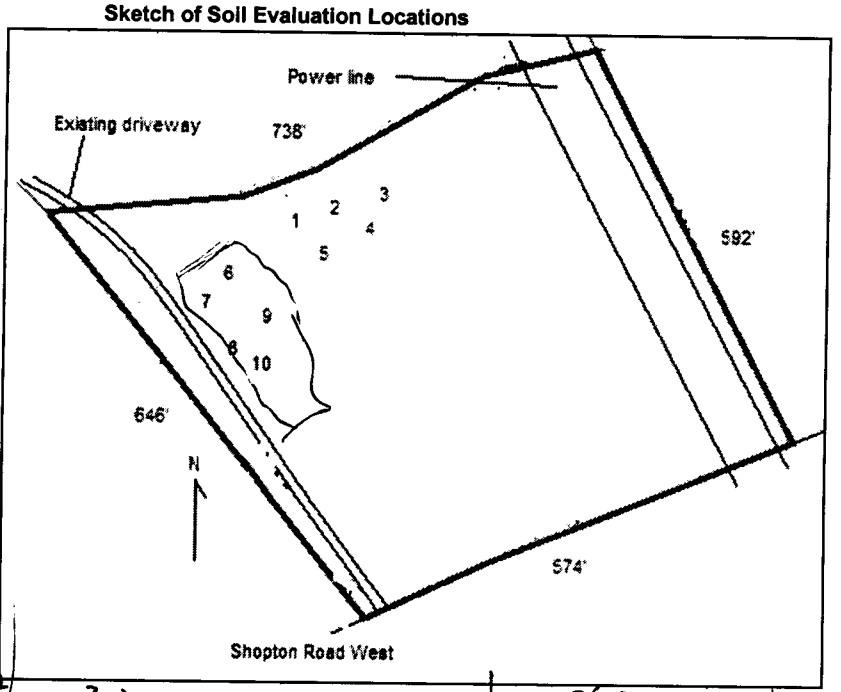
Structure
SG-Single Grain
M-Massive
CR-Crumb
GR-Granular
SBK-Subangular Blocky
ABK-Angular Blocky
PL-Platy
PR-Prismatic

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



INITIAL
1296 TLF 13 X 100'

REPAIR
2333 TLF 23 X 100'

DA9(13)-6- 110'W X 100'L 25% REDUCTION
117 70'X150'

100' X 50'
DA9(23)-6= 200'N X 100'L
207

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
Address: 3911 Sharonview Road, Charlotte, N. C., 28211
Proposed Facility: Fellowship building Design Flow (.1949): 875gpd
Location of Site: Shopton Road West
Water Supply: [x] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

Applicant: Matt Williams
Date Evaluated: 10/21/2004
Property Size: 1.0a. Inv.
Property Recorded:

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
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		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					
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		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, 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

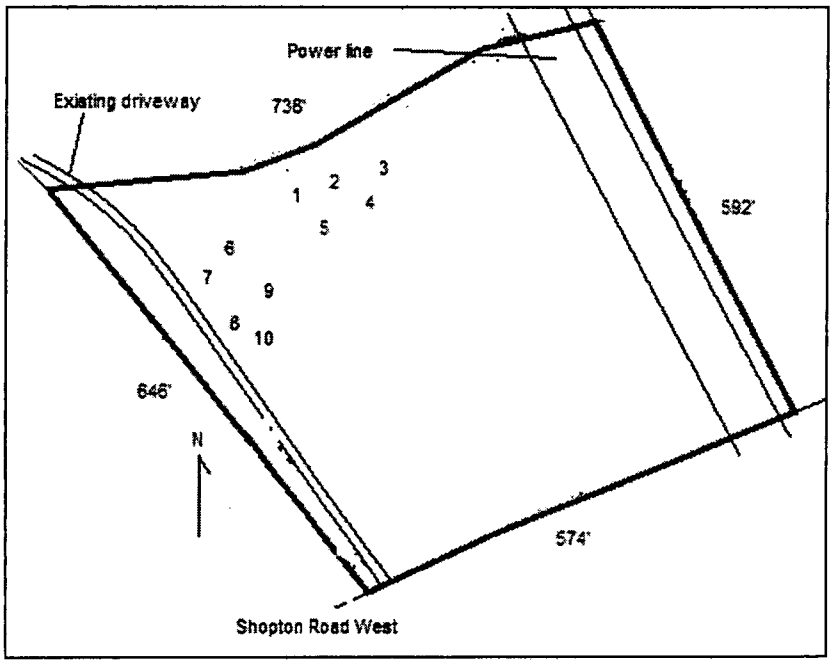
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COMMENTS:
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Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope				CR-Crumb
FS-Food Slope	II	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

AC-7

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for ON-SITE WASTEWATER SYSTEM

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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	
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		5-37	SBK/C	FI/SEXP/S/P					
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		4-24	SBK/C	FI/SEXP/S/P					
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		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

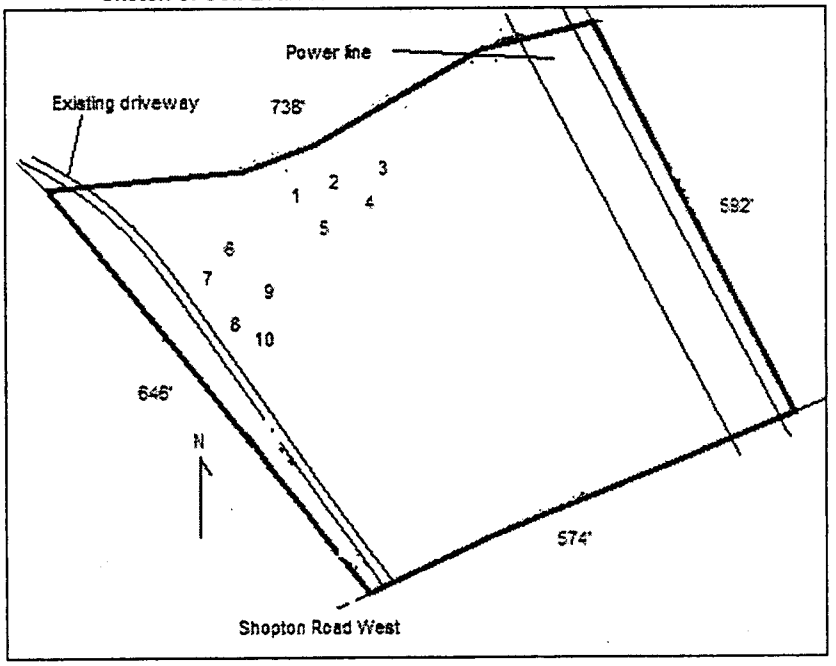
Other Factors (.1946):
Site Classification (.1948): UNSUITABLE
Evaluated By: W. R. Marlin, LSS, 10/22/2004. W. R. Marlin
Others Present:

COMMENTS:
100% repair

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
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FP-Flood Plain		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
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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: **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

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

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.

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.

FEE: _____
DATE: _____

AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION

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

JOB LOCATION ADDRESS: Shopton Road West
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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

5730B



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

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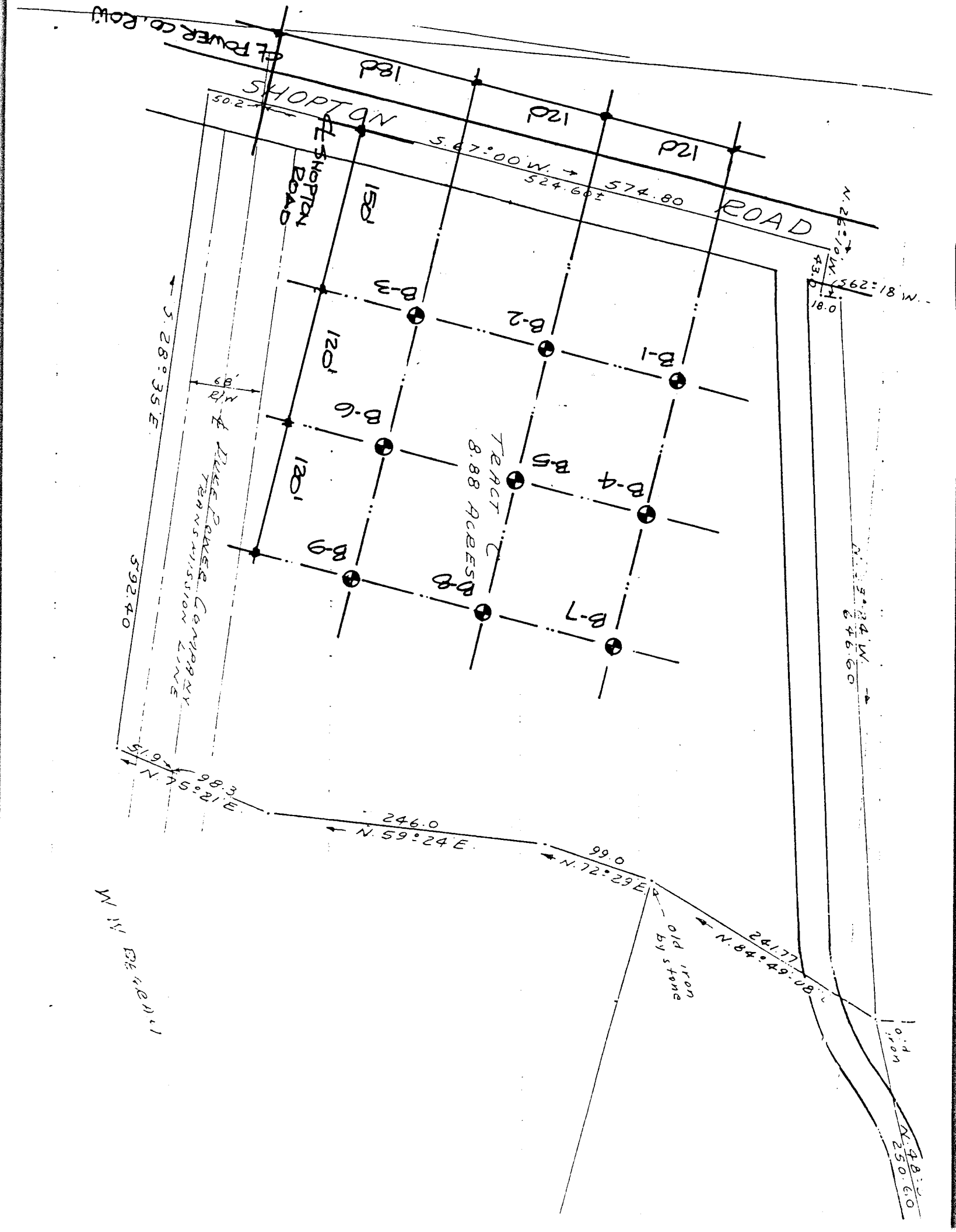
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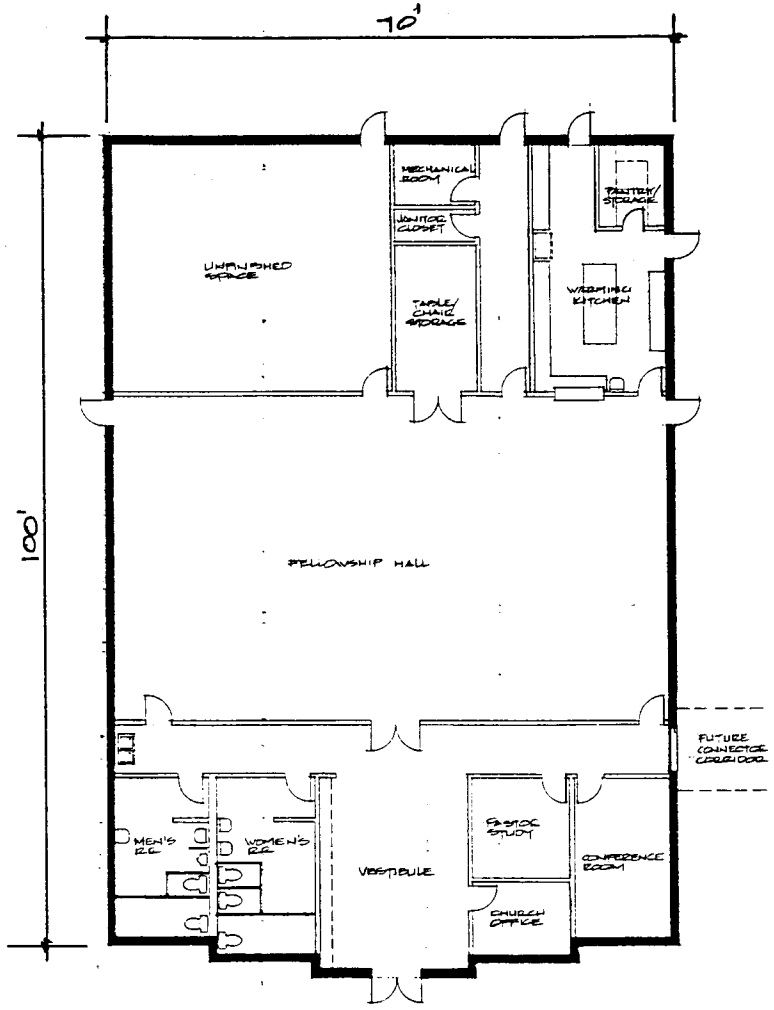
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P.O. BOX 240338 • CHARLOTTE, NORTH CAROLINA 28224
FAX 704 553-2096 • www.metrolinabuilders.com


SHOPTON ROAD
S. 67°00' W.
524.60±
574.80
N. 29°00' W.
43.0
N. 62°18' W.
18.0
SHOPTON ROAD
50.2
184
184
184
150'
120'
120'
120'
B-1
B-2
B-3
B-4
B-5
B-6
B-7
B-8
B-9
TRACT C
8.88 ACRES
S. 28°35' E.
S62°40'
N. 24°34' W.
246.60
98.3
N 75°21' E
246.0
N. 59°24 E
99.0
N. 72°29 E
241.77
N. 84°49' 08" W.
250.60
old iron
old iron by stone
Pt. Duke Power Co. Row
Transmission Line



FELLOWSHIP BUILDING
PHASE I
FLOOR PLAN
(7,050 SF)

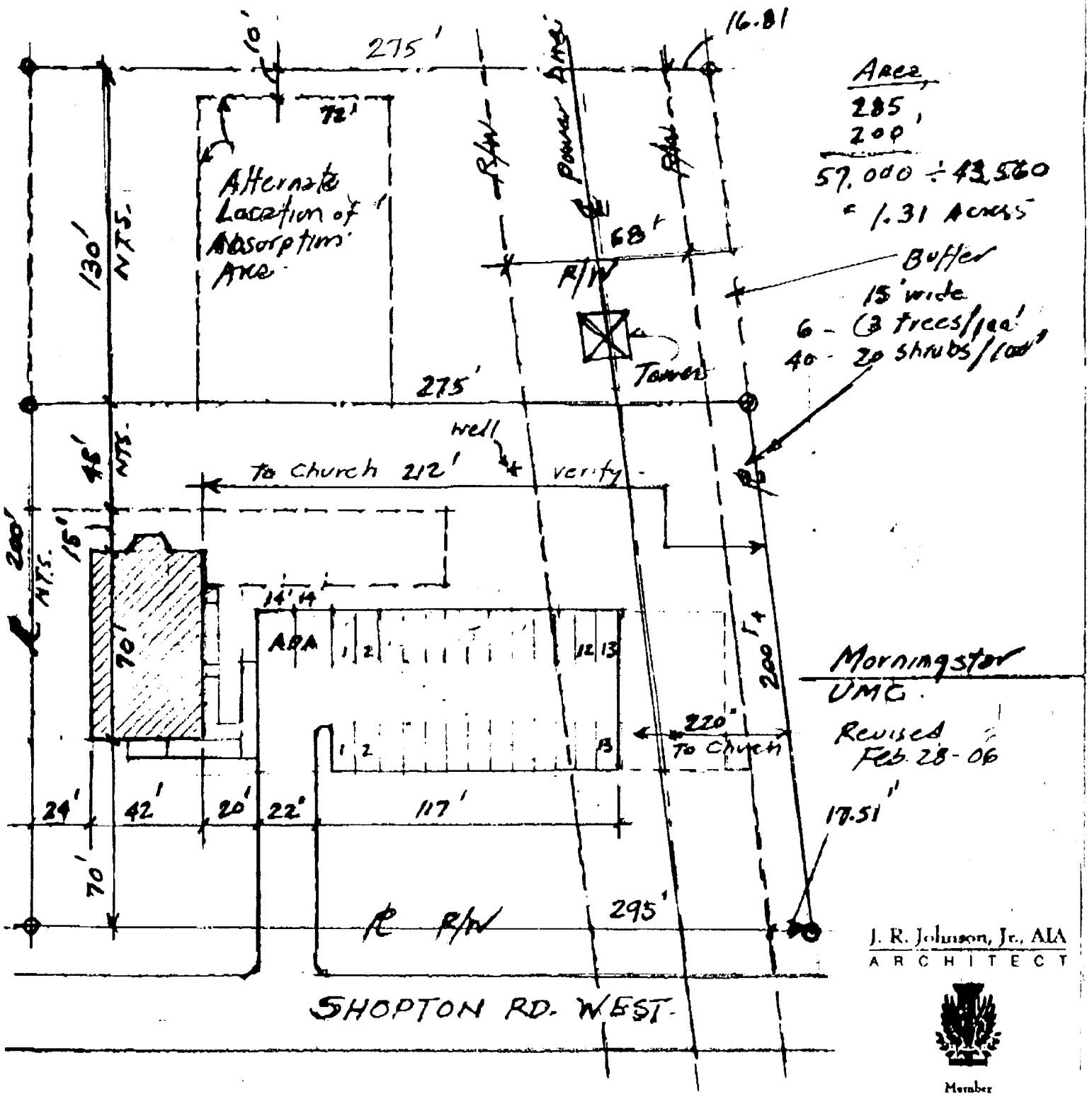
MORNINGSTAR UMC
CHARLOTTE, NC

METROLINA BUILDERS, INC.
GENERAL CONTRACTORS
429 Hallman St
Charlotte, North Carolina 28273
Phone 704 393-0884
P.O. Box 240234
Charlotte, North Carolina 28224

DATE: 10/01/04 REVISION 0

FAX to: 704-336-6894
Zach Peterson
March 1. 06

Sheet 1 of 2



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

Buffer
15' wide
6 - (3 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

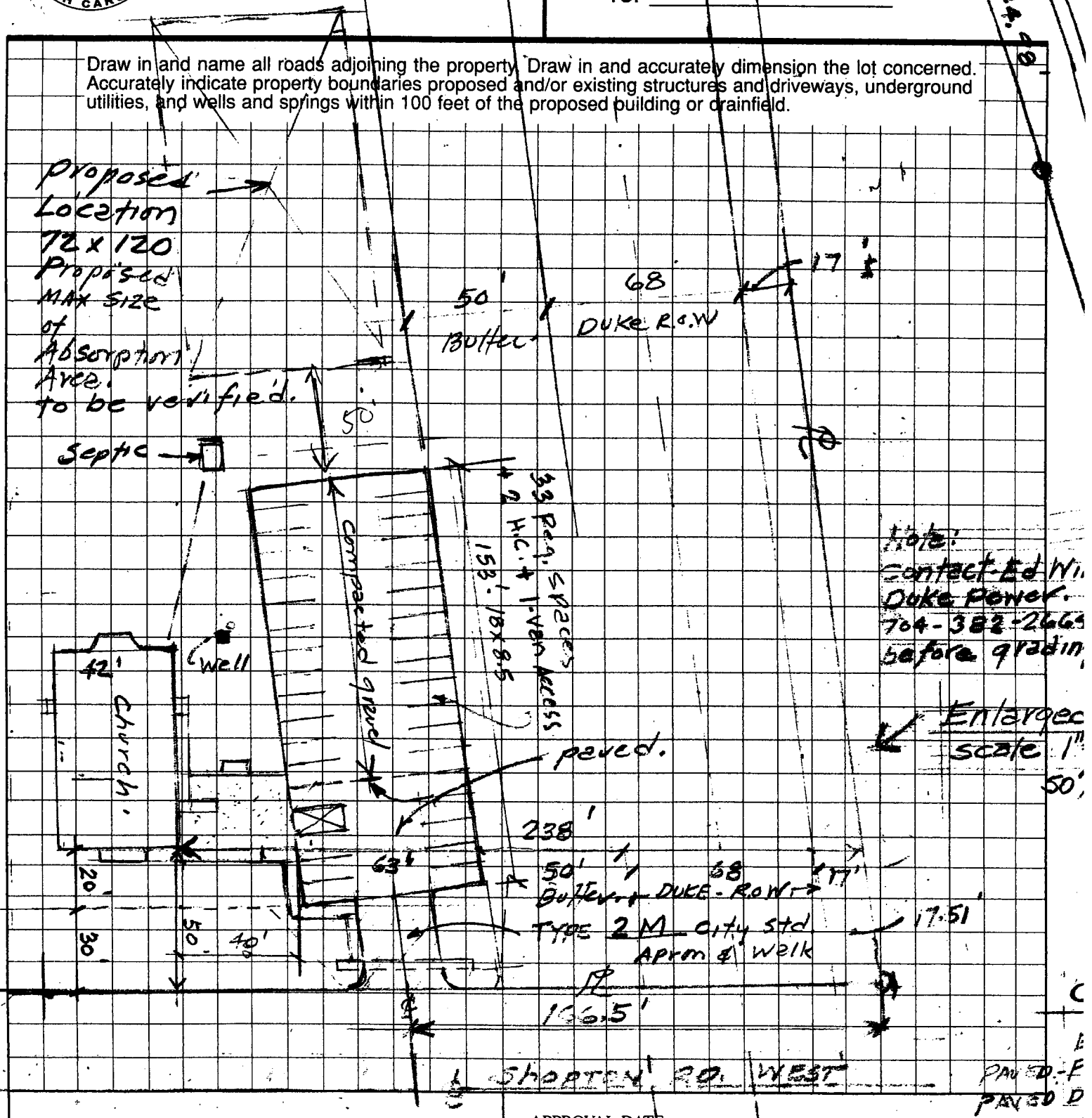
PROPOSED PLOT PLAN

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.

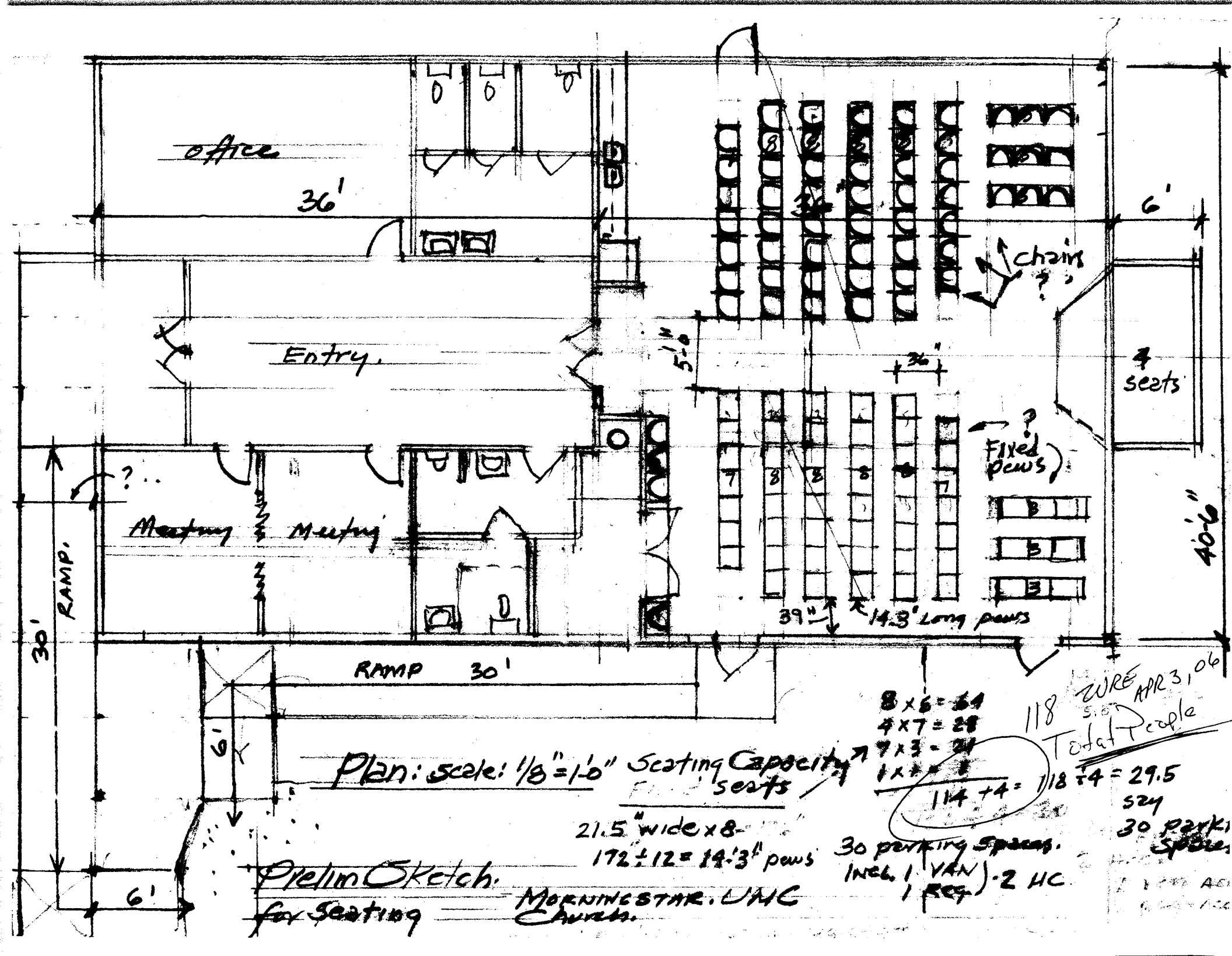


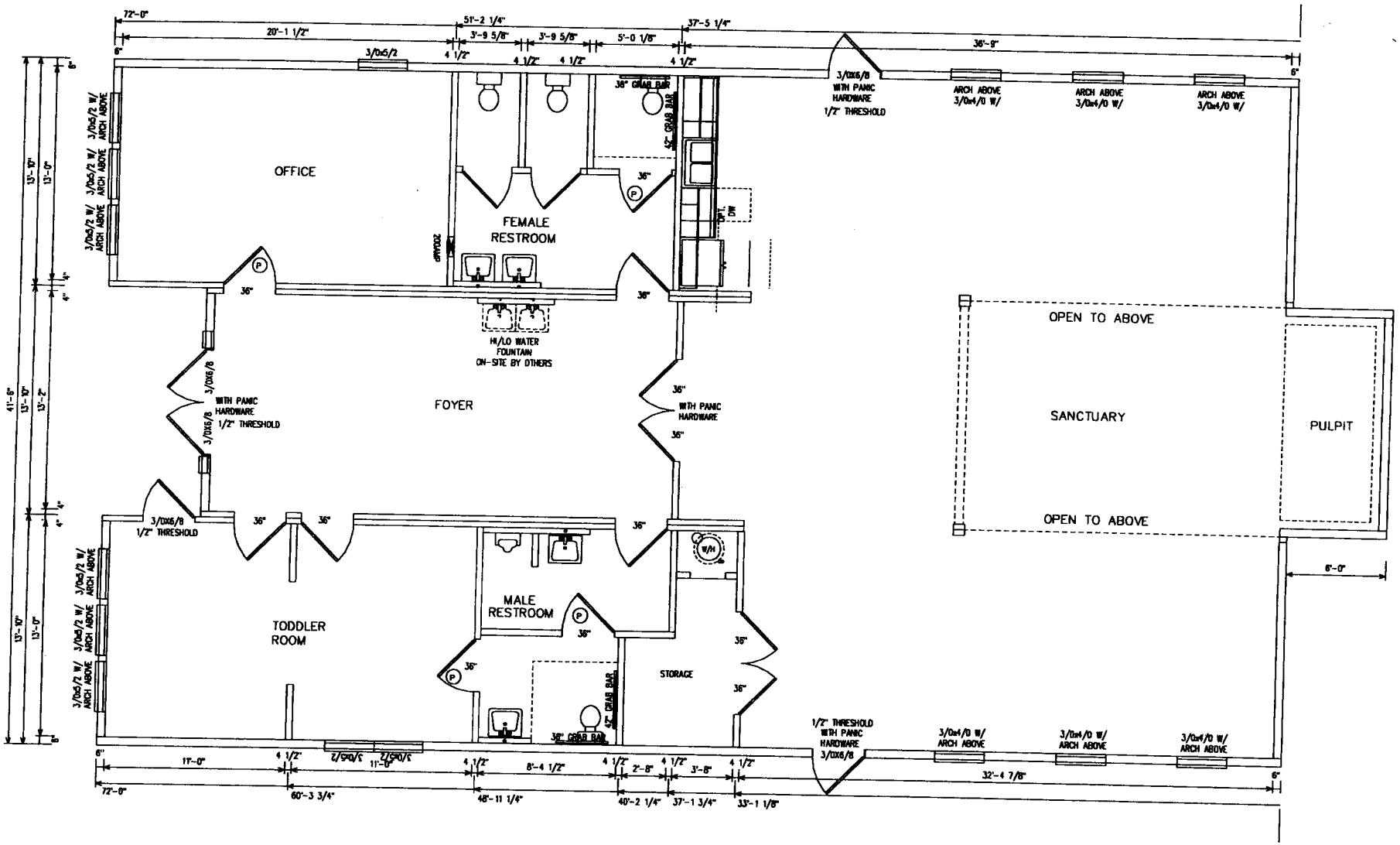
APPROVAL DATE

OWNER/AGENT SIGNATURE

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
?
6'
4 seats
?
Fixed pews)
5'-0"
36"
39"
14.3' Long pews
40'-0"
8 x 6 = 54
4 x 7 = 28
7 x 3 = 21
1 x 1 = 1
114 + 4 = 118
118 ZURE APR 3, 06
5.00
Total People
118 ÷ 4 = 29.5
524
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.



CODES:

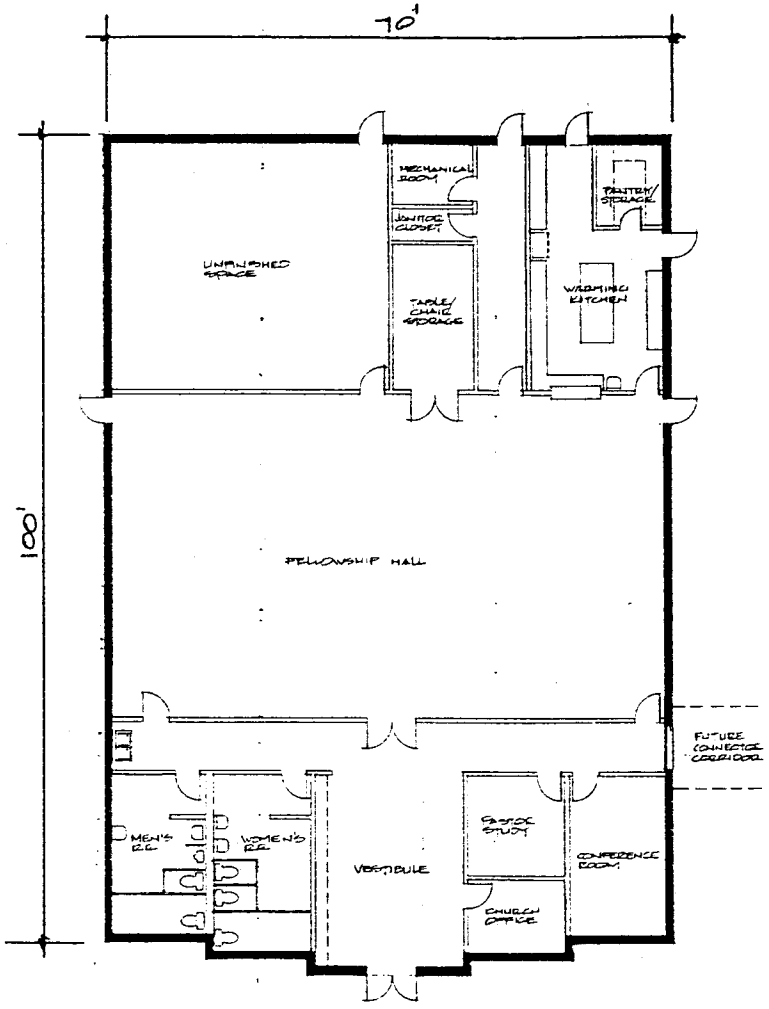
NORTH CAROLINA BUILDING CODE, 2002 EDITION
NORTH CAROLINA ACCESSIBILITY CODE – 2002 EDITION WITH 2004 AMENDMENTS
NORTH CAROLINA PLUMBING CODE – 2002 EDITION
NORTH CAROLINA MECHANICAL CODE – 2002 EDITION
NORTH CAROLINA ELECTRICAL CODE – 2005 EDITION W/ 2005 AMENDMENTS
NORTH CAROLINA FUEL GAS CODE – 2002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



FELLOWSHIP BUILDING

PHASE I

FLOOR PLAN

(7,000 SF)

MORNINGSTAR UMC
CHARLOTTE, NC

METROLINA BUILDERS, INC.
GENERAL CONTRACTORS

DATE: 12/01/04 REVISION 0

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

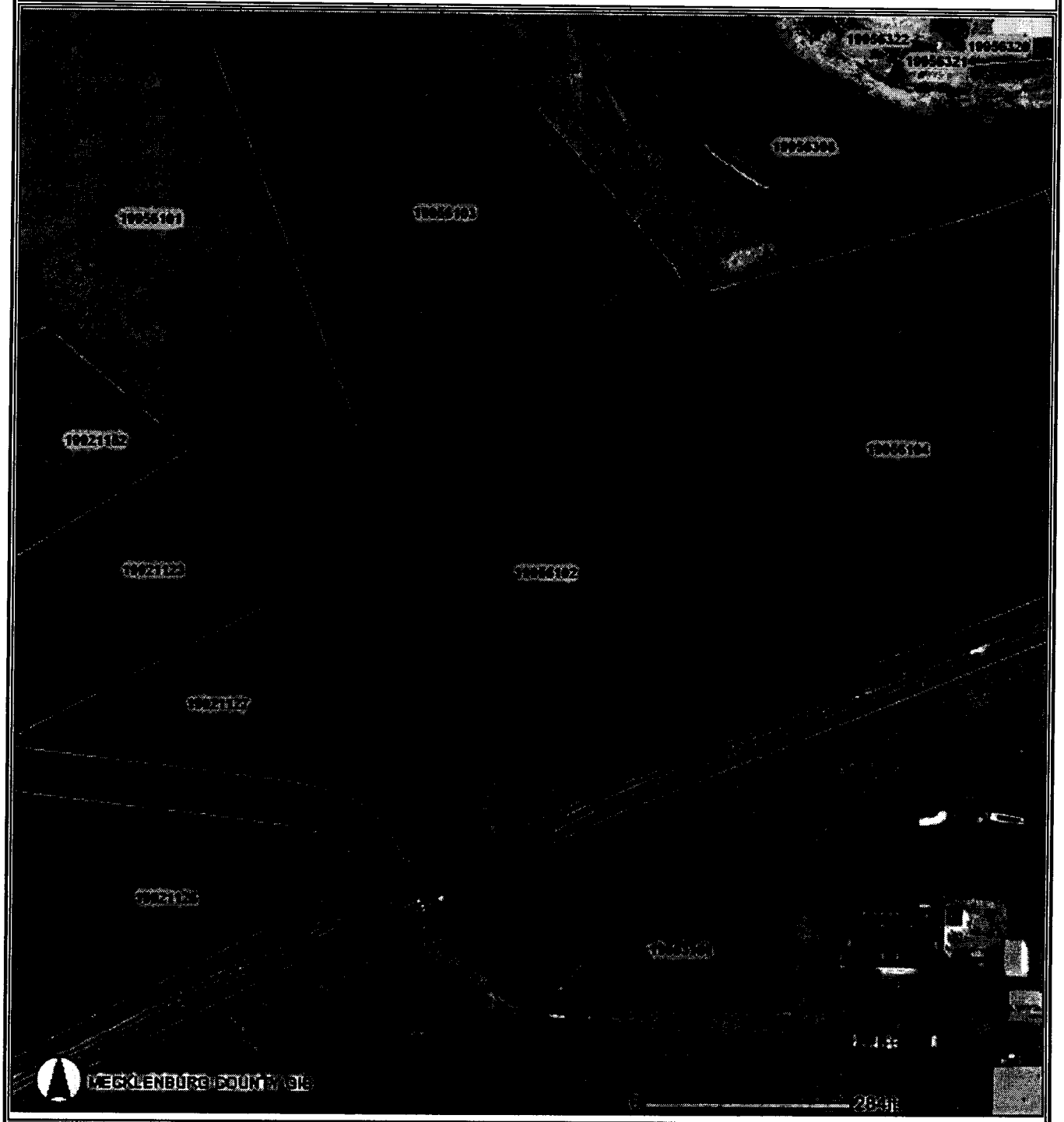
Encl: (2)

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

$$\begin{array}{r} 175 \\ 3 \\ \hline 525\,2620 \end{array}$$

$$.2\overline{)5250}$$

$$\begin{array}{r} 4 \\ 42 \end{array}$$

$$\begin{array}{r} 175 \\ 5 \\ \hline 875 \end{array}$$

$$.2\overline{)8750}$$

$$\begin{array}{r} 6 \\ \hline 27 \\ 2 \end{array}$$

$$\begin{array}{r} 4375 \\ .2\overline{)8750} \\ 86 \\ \hline 75 \end{array}$$

$$\begin{array}{r} 1458 \\ 3\overline{)4375} \end{array}$$



11440 SHOPTON RD

19956102

1/9/2008

duponbj

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