8106B

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

4415

**APPLICATION FOR A COMMERCIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL**

1. SEPTIC / TYPE APPLICATION: ☐ N/A ☒ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFIED PLOT PLAN

2. WELL / TYPE APPLICATION: ☐ N/A ☐ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

3. JOB LOCATION INFORMATION:

TAX PARCEL NUMBER: 009-321-02P, 05
STREET ADDRESS: 15001 Ramson Rd
CITY: Huntersville
STATE: NC ZIP: 28078
LOT #: LOT SIZE (acres): 11.68
TOWNSHIP:
☐ 0-MECKLENBURG ☐ 3-CORNELIUS ☒ 6-HUNTERSVILLE
☐ 1-CHARLOTTE ☐ 4-PINEVILLE ☐ 7-MINT HILL
☐ 2-DAVIDSON ☐ 5-MATTHEWS

4. BUILDING INFORMATION:

DESCRIBE TYPE OF BUSINESS: Church
☒ COMMERCIAL ☐ INDUSTRIAL
SQUARE FOOTAGE OF FACILITY:
NUMBER OF EMPLOYEES PER SHIFT:
NUMBER OF SHIFTS: _____ NUMBER OF SEATS: _____
TYPE OF WASTEWATER GENERATED:
☒ DOMESTIC SEWAGE ☐ INDUSTRIAL WASTEWATER
☐ OTHER _____

5. *IF PLANNING TO EXPAND OR ALTER THE EXISTING SEPTIC SYSTEM, INFORMATION DOCUMENTING THE INCREASED WASTEWATER FLOW AND/OR A JUSTIFICATION FOR SYSTEM ALTERATION IS REQUIRED.*

6. WATER SUPPLY: ☒ MUNICIPAL ☐ PRIVATE WELL ☐ PUBLIC WELL ☐ SHARED WELL ☐ OTHER _____

7. PROPOSED USE OF WELL: ☐ N/A ☐ IRRIGATION ☐ POTABLE (DRINKING WATER) ☐ OTHER _____

8. PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE *(1-MOST DESIRED 5-LEAST DESIRED)*:

☐ N/A ☐ ANY TYPE ☐ CONVENTIONAL ☐ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER _____

8A. RANK: 1 2 3 4 5

9. DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.

| | | | | | |
|---|---|---|---|---|---|
| BURIED CABLES, LANDFILLS, STUMPHOLES | ☐ YES ☒ NO | GRADING/SOIL REMOVAL PERFORMED | ☐ YES ☒ NO |
| EXISTING WASTEWATER (SEPTIC) SYSTEMS | ☐ YES ☒ NO | JURISDICTIONAL WETLANDS | ☐ YES ☒ NO |
| WELLS, SPRINGS, OR WATER LINES | ☐ YES ☒ NO | APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY | ☐ YES ☒ NO |
| EASEMENTS OR RIGHT-OF-WAYS | ☐ YES ☒ NO | WASTEWATER OTHER THAN DOMESTIC SEWAGE | ☐ YES ☒ NO |
| CHEMICAL/PETROLEUM STORAGE TANKS | ☐ YES ☒ NO | KNOWN UNDERGROUND CONTAMINATION | ☐ YES ☒ NO |
| WASTE STORAGE | ☐ YES ☒ NO | GROUNDWATER USE RESTRICTIONS/VARIANCES | ☐ YES ☒ NO |

10. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 1/11/1944 ☐ UNKNOWN 11/27/79

11. WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? April 2010 ☐ N/A
Buyer's

12. PROPERTY OWNER:

NAME: Joe B Ramson
ADDRESS: 14309 Ramson Rd
CITY: Huntersville
STATE: NC ZIP: 28078
HOME PHONE: (704) 875-6635
WORK PHONE:
MOBILE PHONE:
FAX:

13. ~~OWNER'S~~ LEGAL REPRESENTATIVE, IF APPLICABLE:

NAME: Thomas C. West, West Eng. Inc.
ADDRESS: 601-B Eagleton Downs Dr.
CITY: Pineville
STATE: NC ZIP: 28134
HOME PHONE:
WORK PHONE: (704) 583-9378
MOBILE PHONE:
FAX: (704) 583-418



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

Revised on: 7/1/08

JPM

0735

**14. SEPTIC SYSTEM PERMIT APPLICATION:**

If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for either sixty (60) months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring. TCW (Initial here for septic system applications)

**15. WELL PERMIT APPLICATION:**

If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for a period of twelve (12) months from the date of issuance.

_____ (Initial here for well applications)

**16. APPLICATION SIGNATURE SECTION:**

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. A proper signature is required in order to process your application. Please review the application carefully and sign in the space provided below.

Thomas C Wade
Property Owner's or Owner's Legal Representative Signature

10/6/09
Date

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*OFFICE USE ONLY*

☒ SURVEY PLAT TO SCALE SUBMITTED ☐ SCALED SITE PLAN SUBMITTED ☐ UN-SCALED SITE PLAN SUBMITTED

SEPTIC APPLICATION FEES RECEIVED: $ 450.00 CHK 3790 DATE FEE RECEIVED: 10/15/09

WELL APPLICATION FEES RECEIVED: $ _____ DATE FEE RECEIVED: _____

APPLICATION PROCESSED BY: JC

GWS FILE NUMBER ASSIGNED: 8106B

APPLICATION ID NUMBER ASSIGNED: 4415

COMMENTS:



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

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

Sheet: 1 of 2
Property ID: 932102
Lot #:
File #: 8106b
AppID: 4415

# SOIL/SITE EVALUATION
# for ON-SITE WASTEWATER SYSTEM

Owner: Joe Ranson
Applicant: Thomas West
Address: 14309 Ranson Rd Huntersville, NC 28078
Date Evaluated: 10/22/2009
Proposed Facility: Church
Design Flow (.1949):
Property Size: 11.68a
Location of Site: 15001 Ranson Rd Huntersville
Property Recorded: 01/11/1944
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 | b PROFILE FACTORS .1942 Soil Wetness/ Color | .1943 Soil Depth (IN.) | .1956 Sapro Class | .1944 Restr Horiz | Profile Class & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | L.S | A 0-8 | GR/SCL | FR,SS,SP,SXP | >48" TO SOIL WETNESS | 48"+ | N/A | NONE | .325GPD/FT2 |
| | 3 | Bt 8-30 | SBK/C | FR,S,P,SXP | | | | | |
| | | B,30-48 | SBK/CL | " | | | | | |
| 2 | " | A 0-14 | GR/SCL | FR,SS,SP,SXP | " | " | " | " | .3GPD/FT2 |
| | | BT14-38 | SBK/C | FI, | | | | | |
| | | Bt 38-48 | SBK/CL | | | | | | |
| 3 | " | A 0-3 | GR/SCL | FR,SS,SP,SXP | " | " | " | " | " |
| | | Bt 3-27 | SBK/C | FI,S,P,SXP | | | | | |
| | | Bt2 27-48 | SBK/CL | " | | | | | |
| 4 | " | Bt 0-31 | SBK/C | FI,S,P,SXP | " | " | " | " | .325GPD/FT2 |
| | | B2,31-46 | SBK/CL | FR,S,P,SXP | | | | | |
| | | BC 46-48 | GR/L | FR,SS,SP,SXP | | | | | |
| 5 | " | Bt 0-26 | SBK/C | FI,S,P,SXP | " | " | " | " | " |
| | | B 26-48 | SBK/CL | FR,S,P,SXP | | | | | |
| 6 | " | Bt 0-30 | SBK/C | FI,S,P,SXP | " | " | " | " | " |
| | | B 30-48 | SBK/CL | FR,S,P,SXP | | | | | |
| 7 | " | Bt 0-29 | SBK/C | FI,S,P,SXP | " | | | | |
| | | B 29-48 | SBK/CL | FR,S,P,SXP | | | | | |
| | | | | | | | | | |
| | | | | | SITE LTAR .3GPD/FT2 | | | | |

| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | P.S | P.S |
| System Type(s) | | |
| Site LTAR | .3 | .3 |

Other Factors (.1946):
Soil Evaluation By: Jason Jackson
Others Present: Jeremy Michelone
Site Classification (.1948): Provisionally Suitable
Site Evaluation By:
Others Present:

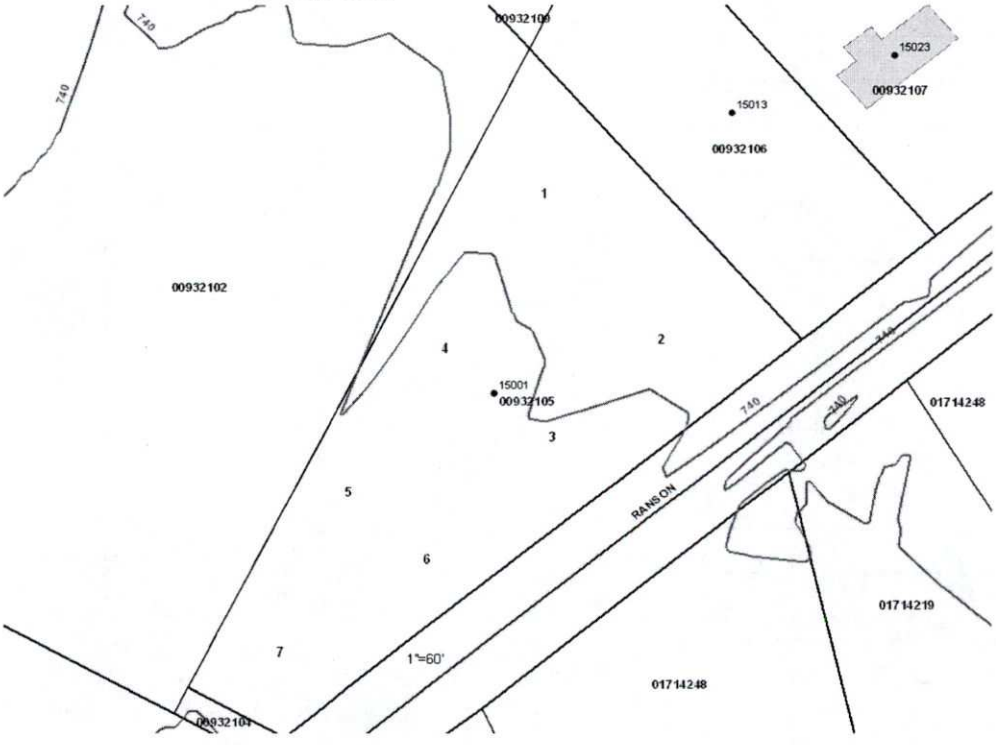
**COMMENTS:** FILE #:

100% repair area required

| 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-Foot 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 | | |
| | | 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

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Property ID: 932102
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# for ON-SITE WASTEWATER SYSTEM

Owner: Joe Ranson
Address: 14309 Ranson Rd Huntersville, NC 28078
Proposed Facility: Church Design Flow (.1949):
Location of Site: 15001 Ranson Rd Huntersville
Water Supply: [ x ] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [ x ] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [ x ] Sewage [ ] Industrial Process [ ] Mixed

Applicant: Thomas West
Date Evaluated: 10/22/2009
Property Size: 11.68a
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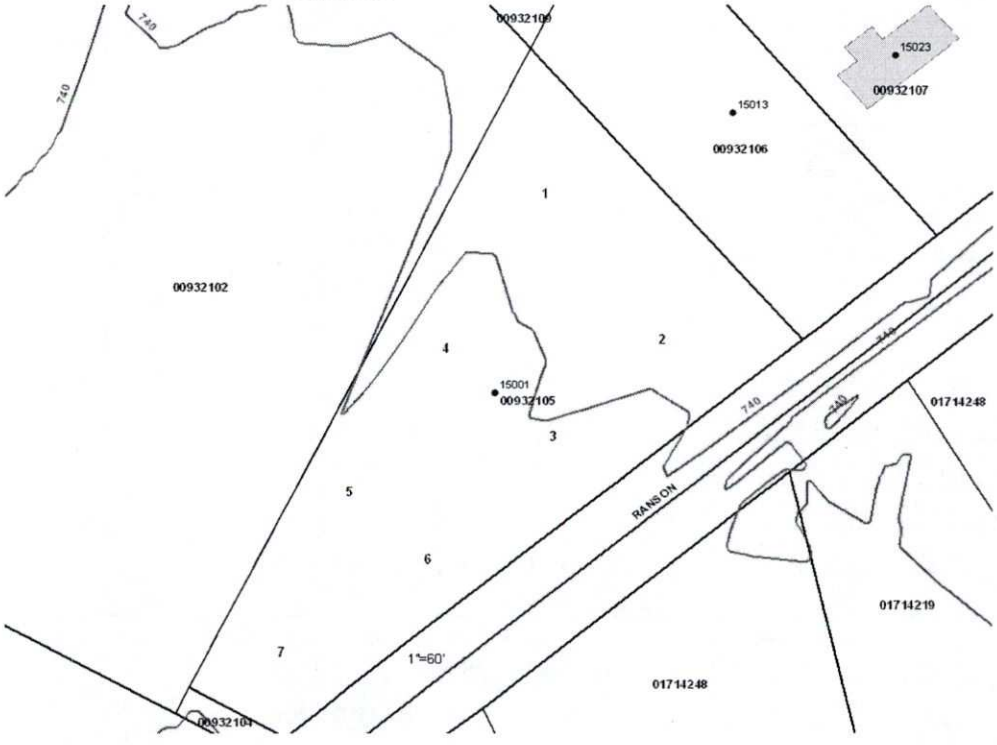
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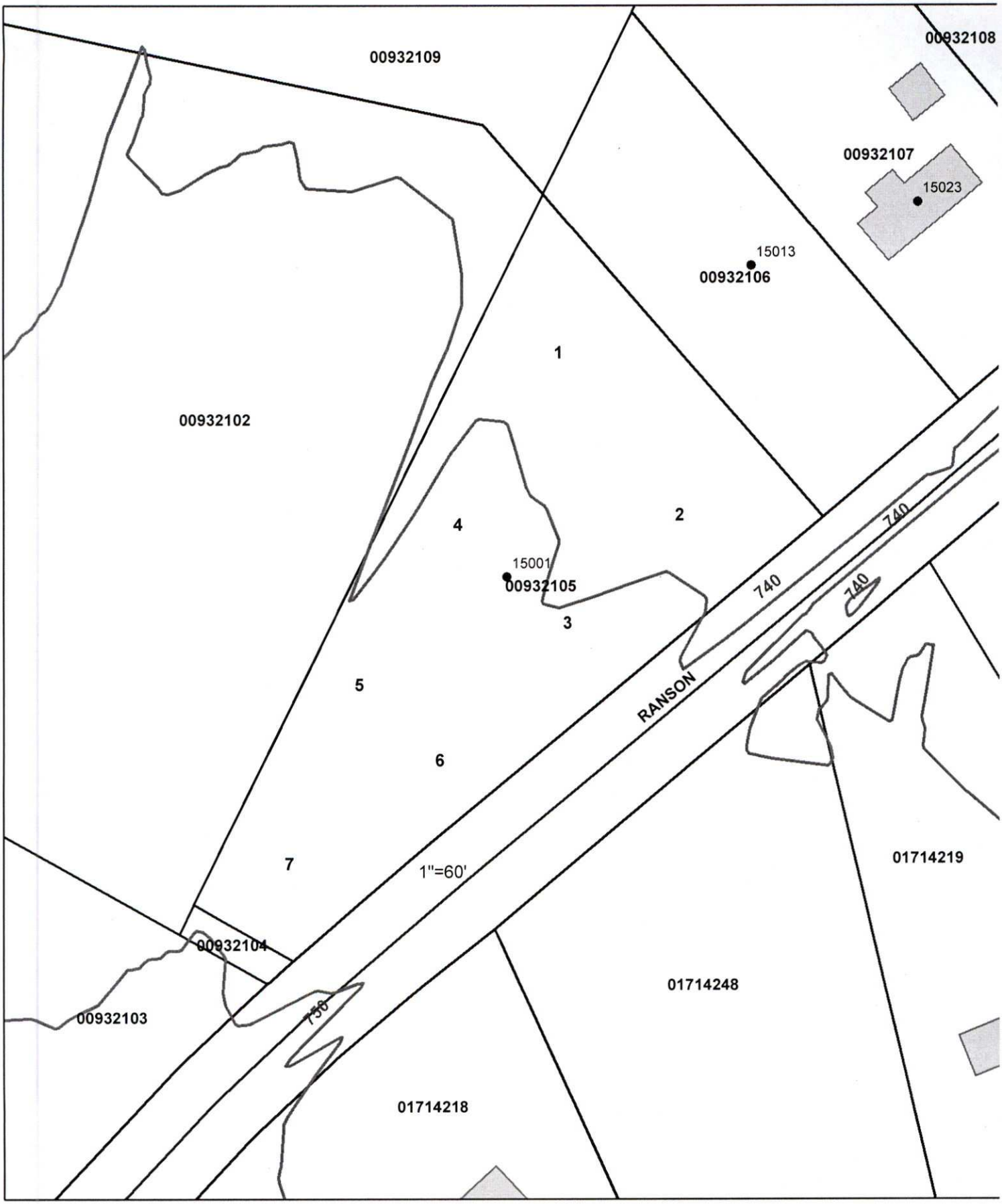
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**Sketch of Soil Evaluation Locations**



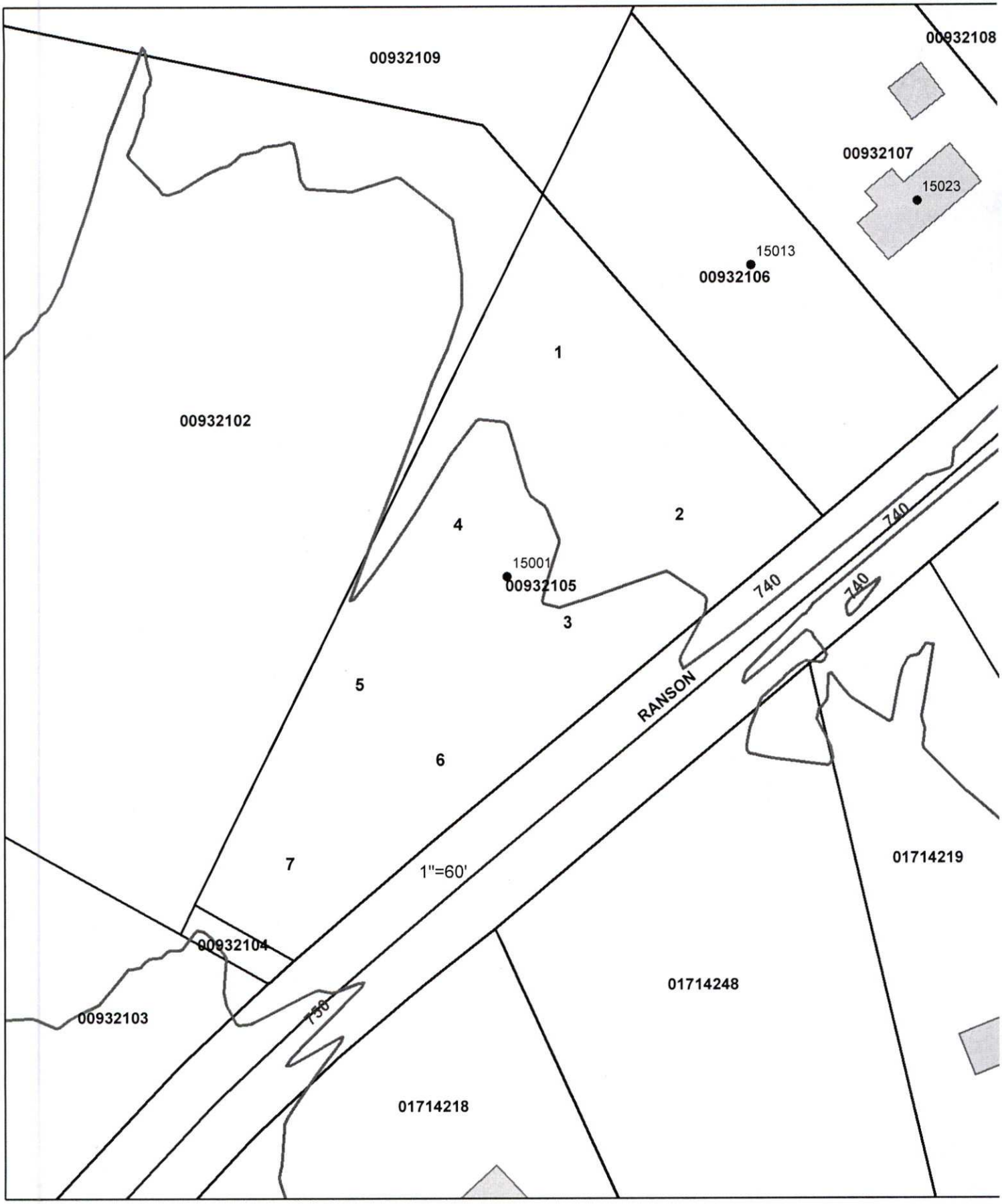
# SOIL EVALUATION LOCATIONS FOR
# 15001 Ranson Rd
# FILE# 8106B




Map Created By: J. Jackson
Map Created On: 10/23/09

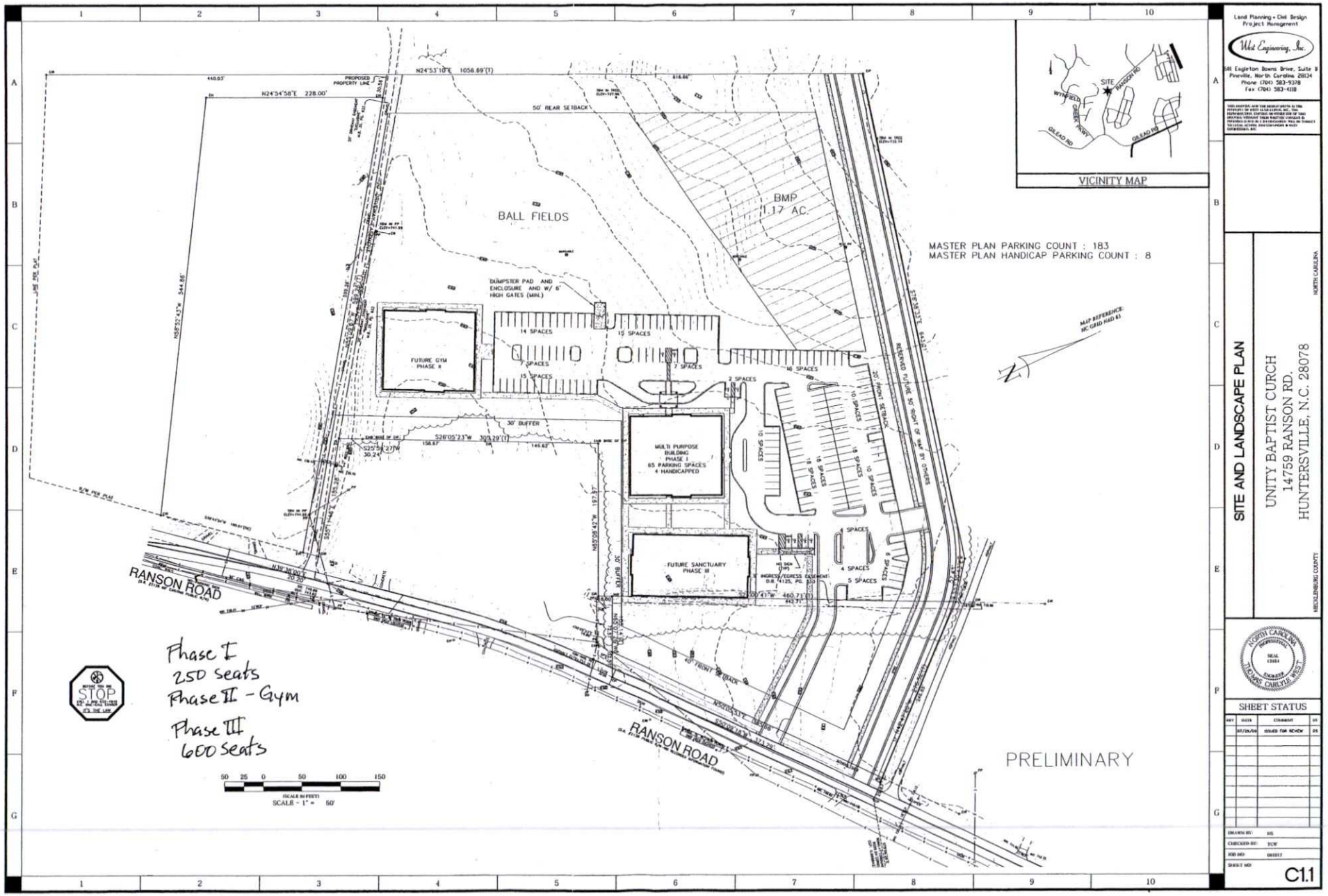
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# SOIL EVALUATION LOCATIONS FOR
# 15001 Ranson Rd
# FILE# 8106B




Map Created By: J. Jackson
Map Created On: 10/23/09

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Land Planning • Civil Design
Project Management

West Engineering, Inc.

581 Eagleton Downs Drive, Suite B
Pineville, North Carolina 28134
Phone (704) 583-9378
Fax (704) 583-4118

# SITE AND LANDSCAPE PLAN

UNITY BAPTIST CURCH
14759 RANSON RD.
HUNTERSVILLE, N.C. 28078

NORTH CAROLINA
MECKLENBURG COUNTY

SHEET STATUS

| ART | DATE | COMMENT | BY |
|---|---|---|---|
| | 07/29/08 | ISSUED FOR REVIEW | DS |

DRAWN BY: DS
CHECKED BY: TCW
JOB NO: 080017
SHEET NO:

C1.1