8113B

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES 4441

APPLICATION FOR A RESIDENTIAL 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:** 90

TAX PARCEL NUMBER: 217-151-434 217-361-06
STREET ADDRESS: Cvlross Lane
CITY: Charlotte
STATE: NC ZIP: 28278
SUBDIVISION NAME:
LOT #: 10 LOT SIZE (acres): 0.716
TOWNSHIP:
☑ 0-MECKLENBURG ☐ 3-CORNELIUS ☐ 6-HUNTERSVILLE
☐ 1-CHARLOTTE ☐ 4-PINEVILLE ☐ 7-MINT HILL
☐ 2-DAVIDSON ☐ 5-MATTHEWS

4. **BUILDING INFORMATION:**

BUILDING TYPE:
☐ SINGLE MOBILE HOME ☐ MODULAR HOME
☐ DOUBLE WIDE ☐ MULTIPLE FAMILY
☑ HOUSE ☐ OTHER _____
HEATED SQUARE FOOTAGE: 12,800
NUMBER OF BEDROOMS: 5
NUMBER OF OCCUPANTS: 10
FOUNDATION TYPE:
☐ CONCRETE SLAB ☑ BASEMENT WITH PLUMBING
☐ CRAWL SPACE ☐ BASMENT WITH NO PLUMBING

5. **IF PLANNING TO EXPAND OR ALTER THE EXISTING SEPTIC SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION:** ☐ N/A

NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

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:** ____ • ____ ____ ____ ____

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?** New 100% ☐ UNKNOWN

11. **WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?** _____ ☑ N/A

12. **PROPERTY OWNER:**

NAME: Wilbanks Investment Partners, LLC
ADDRESS: 5520 Shadnview Rd.
CITY: Char
STATE: NC ZIP: 28226
HOME PHONE:
WORK PHONE:
MOBILE PHONE: 622-7071
FAX:

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

NAME: Tarey Jacobs, Less
ADDRESS: 168 Broadbill Dr
CITY: Mooresville
STATE: NC ZIP: 28117
HOME PHONE: 662-9845
WORK PHONE:
MOBILE PHONE: 582-9219
FAX:

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

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.

TC (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.

Property Owner's or Owner's Legal Representative Signature — Date: 11/9/09

OFFICE USE ONLY

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

SEPTIC APPLICATION FEES RECEIVED: $ 250.00 chk 114 DATE FEE RECEIVED: 11/9/09

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

APPLICATION PROCESSED BY: JC

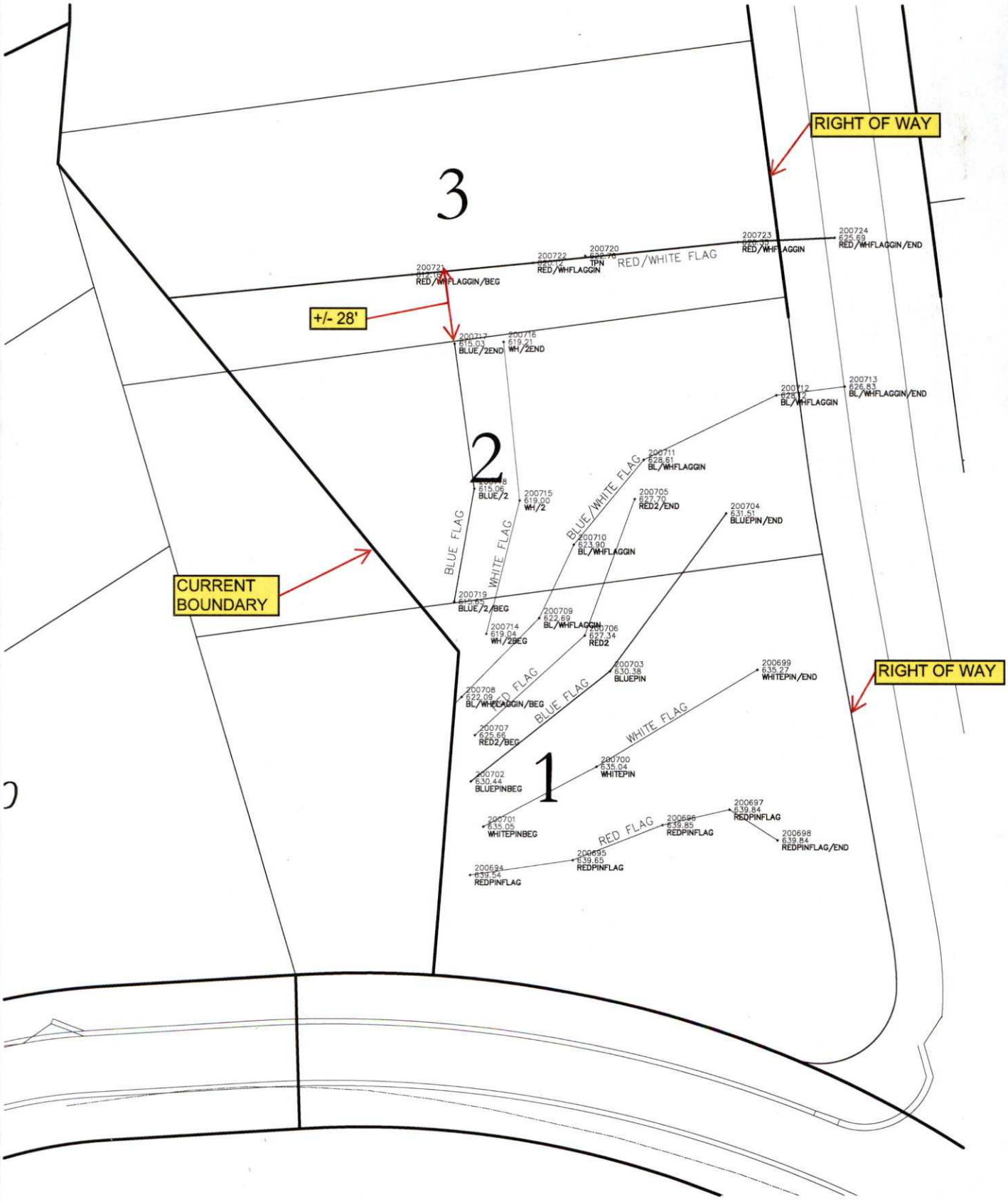
GWS FILE NUMBER ASSIGNED: 8113B

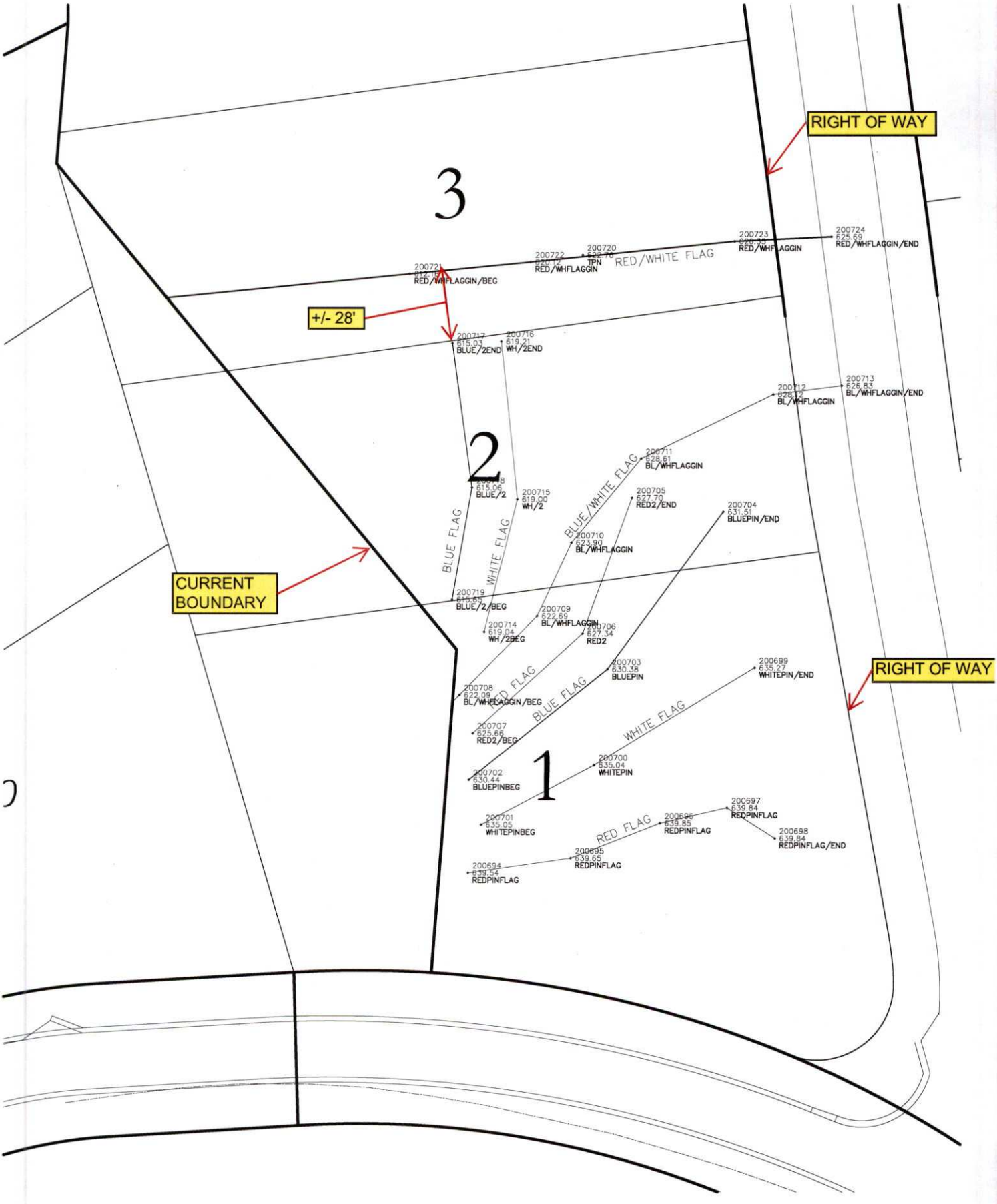
APPLICATION ID NUMBER ASSIGNED: 4141

COMMENTS:

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


RIGHT OF WAY
3
200721
612.18
RED/WHFLAGGIN/BEG
200722
620.12
RED/WHFLAGGIN
200720
630.76
TPN
RED/WHITE FLAG
200723
628.78
RED/WHFLAGGIN
200724
625.69
RED/WHFLAGGIN/END
+/- 28'
200717
615.03
BLUE/2END
200716
619.21
WH/2END
200712
625.12
BL/WHFLAGGIN
200713
626.83
BL/WHFLAGGIN/END
2
200718
615.06
BLUE/2
200715
619.00
WH/2
BLUE/WHITE FLAG
200711
628.81
BL/WHFLAGGIN
200705
627.70
RED2/END
200704
631.51
BLUEPIN/END
BLUE FLAG
WHITE FLAG
200710
623.90
BL/WHFLAGGIN
CURRENT BOUNDARY
200719
615.65
BLUE/2/BEG
200709
622.89
BL/WHFLAGGIN
200714
619.04
WH/2BEG
200706
627.34
RED2
200703
630.38
BLUEPIN
200699
635.27
WHITEPIN/END
RIGHT OF WAY
RED FLAG
BLUE FLAG
200708
622.09
BL/WHFLAGGIN/BEG
200707
625.66
RED2/BEG
WHITE FLAG
1
200700
635.04
WHITEPIN
200702
630.44
BLUEPINBEG
200697
639.84
REDPINFLAG
200701
635.09
WHITEPINBEG
200696
639.85
REDPINFLAG
200698
639.84
REDPINFLAG/END
RED FLAG
200695
639.65
REDPINFLAG
200694
639.54
REDPINFLAG


RIGHT OF WAY
3
200721
RED/WHFLAGGIN/BEG
200722
RED/WHFLAGGIN
200720
TPN
RED/WHITE FLAG
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RED/WHFLAGGIN
200724
625.59
RED/WHFLAGGIN/END
+/- 28'
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627.70
RED2/END
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631.57
BLUEPIN/END
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BL/WHFLAGGIN
CURRENT BOUNDARY
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200714
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RIGHT OF WAY
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BL/WHFLAGGIN/BEG
RED FLAG
BLUE FLAG
WHITE FLAG
200707
625.66
RED2/BEG
1
200700
635.04
WHITEPIN
200702
630.44
BLUEPINBEG
200701
635.05
WHITEPINBEG
RED FLAG
200697
639.84
REDPINFLAG
200696
639.85
REDPINFLAG
200698
639.84
REDPINFLAG/END
200695
639.65
REDPINFLAG
200694
639.54
REDPINFLAG

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

Sheet: 1 of 5
Property ID: 217-151-43
Lot #: 9 AND 10
File #: 8113B
AppID: 4441

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Wilbanks Investment Partners LLC
Applicant Tony Jacobs
Address: 5520 Sharon view rd Charlotte NC
Date Evaluated: 11/18/2009
Proposed Facility: residence
Design Flow (.1949): 600gpd
Property Size: 1
Location of Site: Culross Ln Charlotte NC 28278 PID#'S 217-361-06 AND 217-151-43
Property Recorded:
Water Supply: [ ] Public [ ] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [x] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 Structure/ Texture	SOIL MORPHOLOGY .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	0-5	GR/SCL	FR,SS,SP,SXP	>48" TO SOIL WETNESS	48	N/A	NONE	P.S IV
	14	5-37	SBK/C	FI,S,P,SXP					.325GPD
		37-48	SBK/CL	FI-FR,S,SP,SXP					
2	"	0-7	GR/L	FR,SS,SP,SXP	"	49	"	"	"
		7-27	SBK/C	FI,S,P,SXP					
		27-49	WeakSBK/CL	FR,S,SP,SXP					
3	L.S	0-8	GR/L	FR,SS,SP,SXP	"	48	"	"	"
	9	8-20	SBK/C	FI,S,P,SXP					
		20-31	SBK/C	FR,S,P,SXP					
		31-48	WeakSBK/C	FI,S,P,SXP					
*4	L.S	0-16	GR/SL	FR,SS,SP,SXP	"	57	"	"	"
	Ridge	16-37	SBK/C	FI,S,P,SXP					
	3	37-57	WeakSBK/SCL	"					
					SITE LTAR .325GPD/FT2				

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

Other Factors (.1946):
Soil Evaluation By: Jason Jackson
Others Present: Bill Marlin, Tony Jacobs
Site Classification (.1948): Provisionally Suitable
Site Evaluation By:
Others Present:

COMMENT 100% REPAIR AREA REQUIRED

* PIT LOCATIONS 4 AND 5 LOCATED ON PID# 217-15-143
LOTS 9 AND 10

Landscape Position	Group	Texture	.1955 LTAR
R-Ridge	I	S-Sand	1.2 - 0.8
SS-Shoulder Slope		LS-Loamy Sand	
LS-Linear Slope			
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6
NS-Nose Slope		L-Loam	
HS-Head Slope			
CC-Concave Slope	III	SI-Silt	0.6 - 0.3
CV-Convex Slope		SICL-Silty Clay Loam	
T-Terrace			
FP-Flood Plain		CL-Clay Loam	
		SCL-Sandy Clay Loam	
	IV	SC-Sandy Clay	0.4 - 0.1
		SIC-Silty Clay	
		C-Clay	

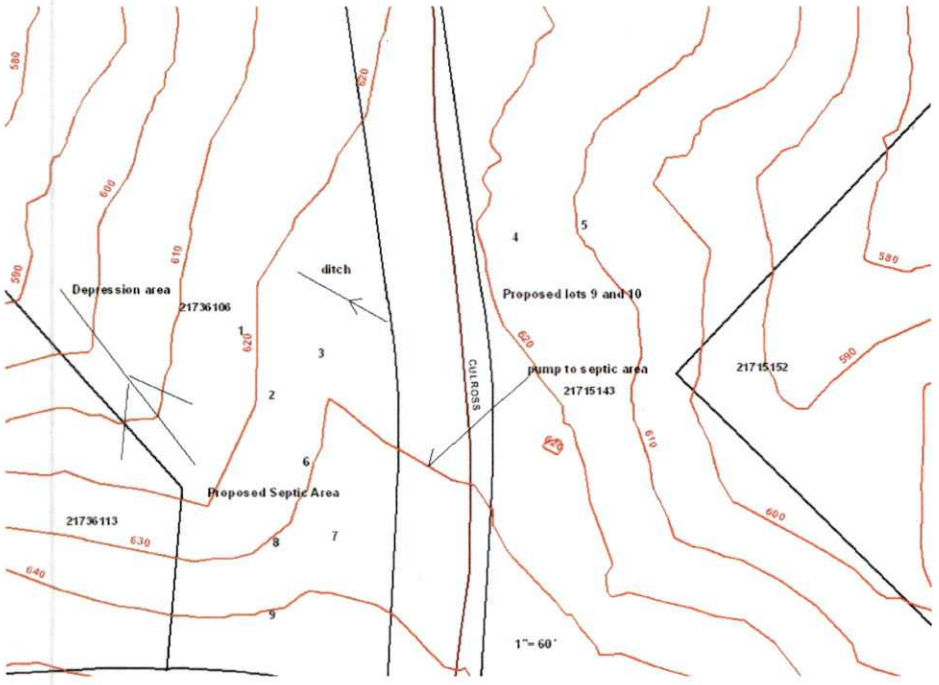
Structure
SG-Single Grain
M-Massive
CR-Crumb
GR-Granular
SBK-Subangular Blocky
ABK-Angular Blocky
PL-Platy
PR-Prismatic

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
SXP-Slightly Expansive
EXP-Expansive

Sketch of Soil Evaluation Locations



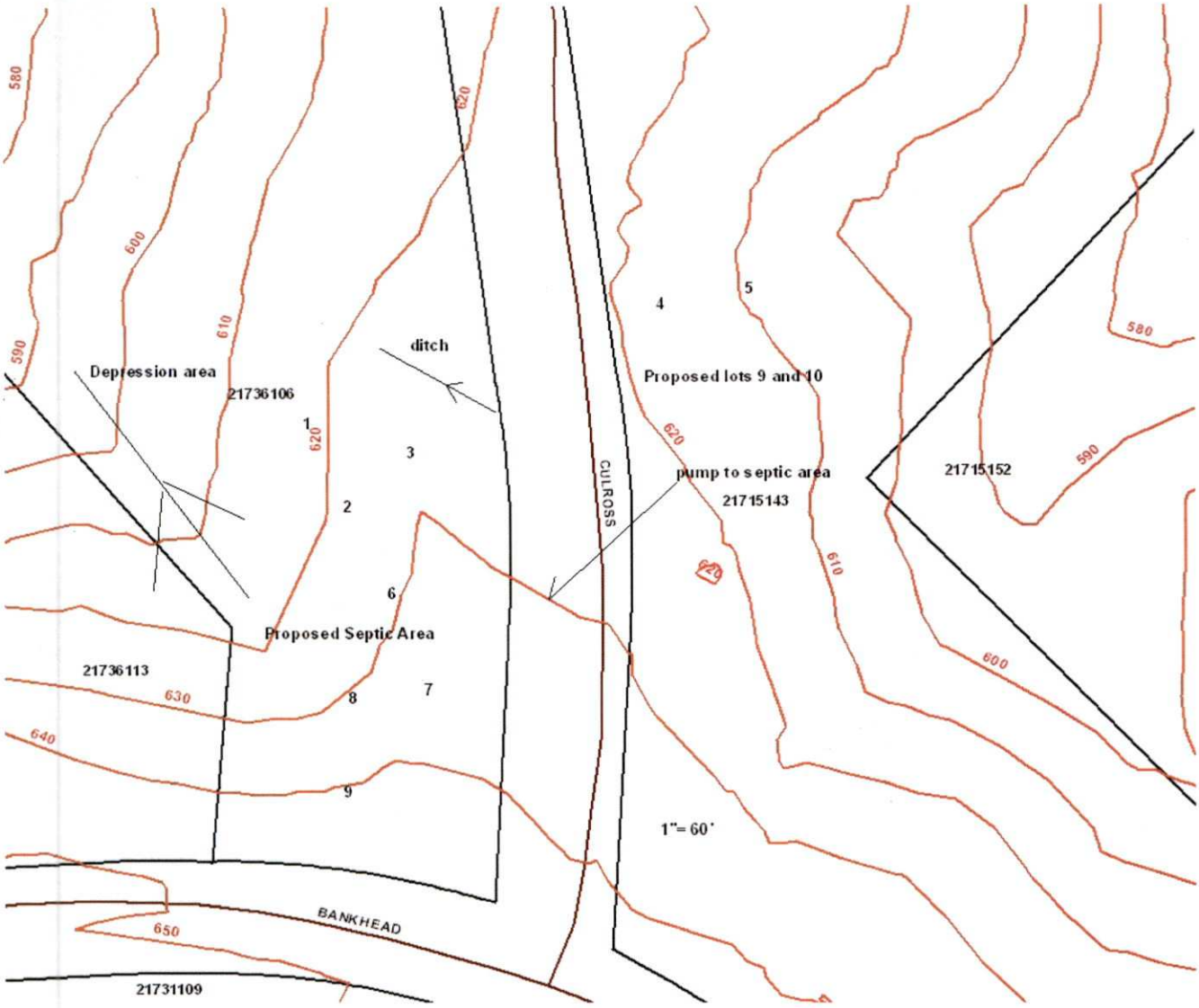
SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

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	
*5	Ridge	0-17	GR/SL	FR,SS,SP,SXP	>48" TO SOIL WETNESS	52	N/A	NONE	.325GPD/FT2
	L.S	17-31	SBK/C	FI,S,P,SXP					
	4%	31-52	WeakSBK/CL	FR-FI,S,SP,SXP					
6	L.S	0-10	GR/L	FR,SS,SP,SXP	"	48	"	"	"
	12%	10-29	SBK/C	FI,S,P,SXP					
		29-48	WeakSBK/CL	FR-FI,S,SP,SXP					
7	Ridge	0-12	GR/L	FR,SS,SP,SXP	"	48	"	"	"
	L.S	12-39	SBK/C	FI,S,P,SXP					
	4%	39-48	WeakSBK/CL	FR-FI,S,SP,SXP					

COMMENTS:

Diagram of Soil Investigation Area

Sketch of Soil Evaluation Locations



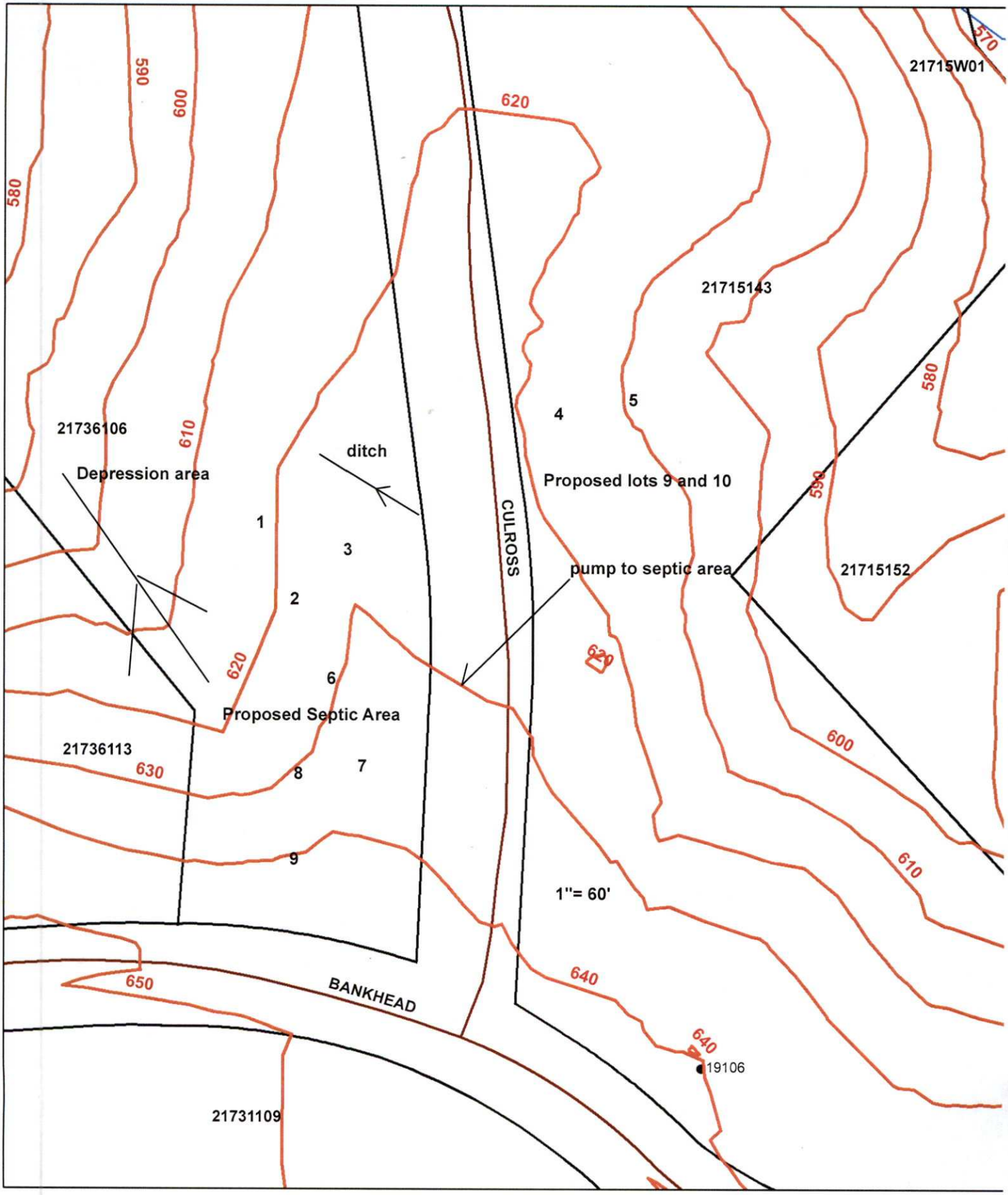
Department of Environment, Health, and Natural Resources
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On-site Wastewater Section

Sheet: 5 of 5
File #: 8113B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

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	
8	L.S 19%	0-9	GR/L	FR,SS,SP,SXP	>48" TO SOIL WETNESS	50	N/A	NONE	.325GPD/FT
		9-38	SBK/C	FI,S,P,SXP					
		38-50	WeakSBK/CL	FR-FI,S,SP,SXP					
9	L.S 17%	0-10	GR/L	FR,SS,SP,SXP	"	51	"	"	"
		10-40	SBK/C	FI,S,P,SXP					
		40-51	WeakSBK/CL	FR-FI,S,SP,SXP					
					SITE LTAR .325GPD/FT2				

Culross Lane PID# 217-151-43 and 217-361-06
FILE# 8113B



Map Created By: J. Jackson
Map Created On: 11/19/09

0 45 90 180 F