

15030 WAYMART LN

19933144

1/4/2008

duponbj

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

[redacted] OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
[redacted] OF ENVIRONMENTAL HEALTH
[redacted] WASTEWATER SECTION

#2

Sheet: _____
Property ID: 80 199-331-30
Lot #: 1
File #: 42183

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Darryl D. Bowles APPLICANT: Mike Ryan
ADDRESS: 15029 Waymart Lane, Charlotte DATE EVALUATED: 5-9-00
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949) 360gpd PROPERTY SIZE: .7
LOCATION OF SITE: Waymart Lane PROPERTY RECORDED: _____
WATER SUPPLY: ☒Private ☐Public ☐Well ☐Spring ☐Other _____
EVALUATION METHOD: ☐Augur Boring ☒Pit ☐Cut
TYPE OF WASTEWATER: ☒Sewage ☐Industrial Process ☐Mixed

PROFILE #	6-20% slopes .1940 Landscape Position/ Slope %	Horizon Depth (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS &LTAR
1	LS	0-9"	gr/sl	Fr/SEXP/NS/NP	7.5YR 7/8 10YR 8/1 wetness	48"	N/A	None	PS .39 P_2 IV
		9-17"	SBK/scl	Fr/SEXP/SS/SP					
		17-39"	SBK/c	Fi/SEXP/SS/P					
		39-48"	SBK/scl	Fr/SEXP/SS/SP					
2	LS	0-9"	gr/sl	Fr/SEXP/NS/NP	7.5YR 7/8 10YR 8/1 wetness	44"	N/A	None	PS .39 P_2 IV
		9-25"	SBK/sc	Fi/SEXP/SS/P					
		25-44"	SBK/scl	Fr/SEXP/SS/SP					
3	LS	0-9"	gr/scl	Fr/SEXP/SS/SP	7.5YR 7/8 10YR 8/1 wetness	48"	N/A	None	PS .39 P_2 IV
		9-33"	SBK/c	Fi/SEXP/SS/P					
		33-48"	SBK/scl	Fr/SEXP/SS/SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	US	US
System Type(s)		
Site LTAR	.39 P^2	.39 P^2

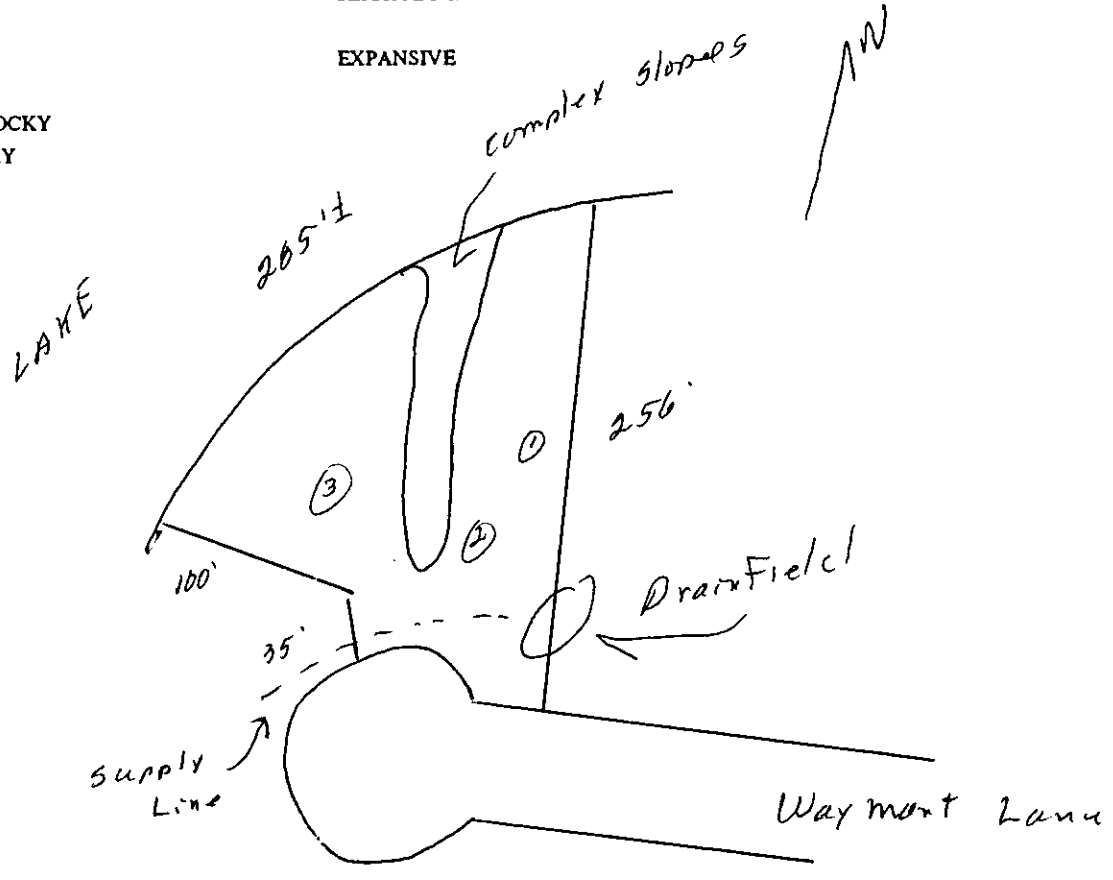
OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: W.R. Marlin LSS 5-15-00
OTHER(S) PRESENT: T. Whittaker

FILE # 42169

COMMENTS 1012 Repair

LANDSCAPE POSITION	GROUP	TEXTURE	.1955 LTAR	CONSISTENCE MOIST	CONSISTENCE WET
R-RIDGE	I	S-SAND	1.2-0.8		
S-SHOULDER SLOPE		LS-LOAMY SAND		VFR-VERY FRIABLE	NS-NON-STICKY
L-LINEAR SLOPE				FR-FRIABLE	SS-SLIGHTLYSTICKY
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8-0.6	FI-FIRM	S-STICKY
N-NOSE SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
H-HEAD SLOPE				EFI-EXTREMELY FIRM	NP-NON-PLASTIC
CC-CONCLAVE SLOPE	III	SI-SILT	0.6-0.3		SP-SLIGHTLYSTICKY
CV-CONVEX SLOPE		SICL-SILTY CLAY LOAM			P-PLASTIC
T-TERRACE		CL-CLAY LOAM			VP-VERY PLASTIC
FP-FLOOD PLAIN		SCL-SANDY CLAY LOAM			
	IV	SC-SANDY CLAY	0.4-0.1		
		SIC-SILTY CLAY			
		O-ORGANIC			

STRUCTURE	MINERALOGY
SG-SINGLE GRAIN	SLIGHTLY EXPANSIVE
M-MASSIVE	
CR-CRUMB	EXPANSIVE
GR-GRANULAR	
SBK-SUBANGULAR BLOCKY	
ABK-ANGULAR BLOCKY	
PL-PLATY	
PR-PRISMATIC	



DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

2

Sheet: _____

Property ID: PO 199-331-30

Lot #: 1

File #: 42188

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Darryl Bowler APPLICANT: Mike Ayon

ADDRESS: 15029 Waymart Lane, Charlotte DATE EVALUATED: 3-12-00

PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949) 360gpd PROPERTY SIZE: Approx. 7

LOCATION OF SITE: Waymart Lane PROPERTY RECORDED: _____

WATER SUPPLY: ☑Private ☐Public ☐Well ☐Spring ☐Other _____

EVALUATION METHOD: ☑Augur Boring ☐Pit ☐Cut

TYPE OF WASTEWATER: ☑Sewage ☐Industrial Process ☐Mixed

PROFILE #	.1940 Landscape Position/ Slope %	Horizon Depth (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS &LTAR
1	LS 25%	0-8"	gr/scl	Fr/SEXPl SS/SP	7.5YR 7/1 to 5Y 5/1 wetness	29"	N/A	None	US IV .125gpd/ft² (LPP)
		8-29"	SBK/sc	Fi/SEXPl SP					
		~~29+~~							
2	LS 17%	0-3"	gr/scl	Fr/SEXPl SS/SP	7.5YR 7/1 to 5Y 5/1 wetness	34"	N/A	None	US .391 Fr IV
		3-34"	SBK/sc	Fi/SEXPl SP					
3	LS 16%	0-4"	gr/scl	Fr/SEXPl SS/SP	7.5YR 7/1 to 5Y 5/1 wetness	33"	N/A	None	US .391 Fr IV
		4-28"	SBK/sc	Fi/SEXPl SP					
		28-33"	SBK/scl	Fr/SEXPl SS/SP					
4	LS	0-2"	gr/scl	Fr/SEXPl SS/SP	7.5YR 7/1 to 5Y 5/1 wetness	29"	N/A	None	US IV .125gpd/ft² (LPP)
		2-24"	SBK/sc	Fi/SEXPl SP					
		24-28"	SBK/scl	Fr/SEXPl SS/SP					

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.A. Marlin LSS 3-15-00

OTHER(S) PRESENT: _____

FILE # ~~45-2-859~~ 4210B

COMMENTS 100% Repair

LANDSCAPE POSITION	GROUP	TEXTURE	.1955 LTAR
R-RIDGE	I	S-SAND	1.2-0.8
S-SHOULDER SLOPE		LS-LOAMY SAND	
L-LINEAR SLOPE			
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8-0.6
N-NOSE SLOPE		L-LOAM	
H-HEAD SLOPE			
CC-CONCLAVE 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	
		O-ORGANIC	

CONSISTENCE	
MOIST	WET
VFR-VERY FRIABLE	NS-NON-STICKY
FR-FRIABLE	SS-SLIGHTLYSTICKY
FI-FIRM	S-STICKY
VFI-VERY FIRM	VS-VERY STICKY
EFI-EXTREMELY FIRM	NP-NON-PLASTIC
	SP-SLIGHTLYSTICKY
	P-PLASTIC
	VP-VERY PLASTIC

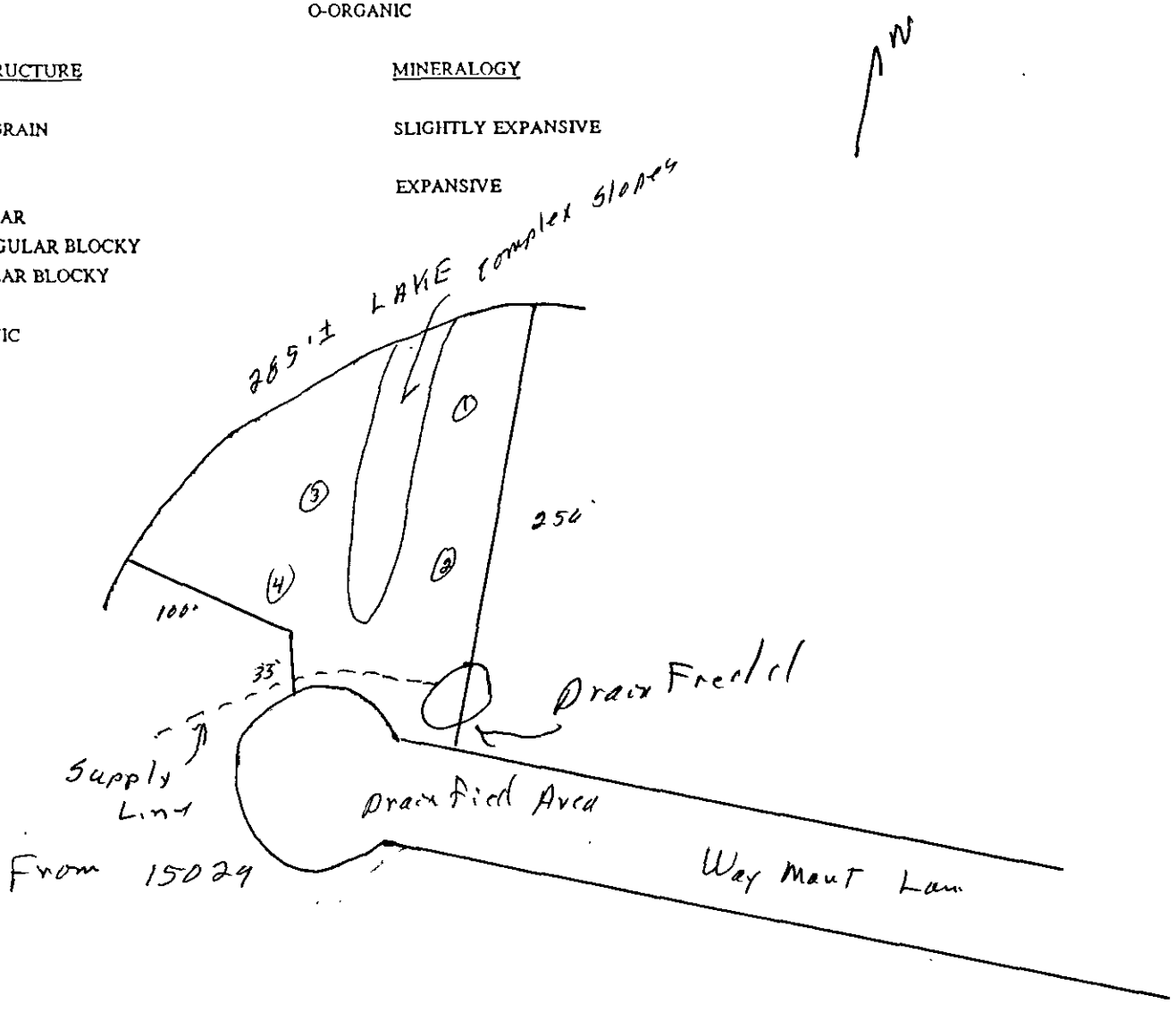
STRUCTURE

SG-SINGLE GRAIN
M-MASSIVE
CR-CRUMB
GR-GRANULAR
SBK-SUBANGULAR BLOCKY
ABK-ANGULAR BLOCKY
PL-PLATY
PR-PRISMATIC

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE



FEE: 200 CK# 10434
DATE: 3/6/00 SC

APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

2nd lot application W/K 1 CRT 10716

TYPE APPLICATION: ___ NEW SYSTEM ___ EXPANSION/ ALTERATION 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 #: 42188

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 199-331-30 PO

STREET ADDRESS: Waymart Lane

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: 1

TYPE OF BUILDING (CHECK ONE):

___ SINGLE MOBILE HOME(S)
___ DOUBLE WIDE (D)
✓ HOUSE (H)
___ MODULAR HOME (M)
___ MULTIPLE FAMILY (U)
___ OTHER (O)

HEATED SQUARE FOOTAGE: 2500 sqft

NUMBER OF BEDROOMS: 3

NUMBER OF OCCUPANTS:

FOUNDATION FOR RESIDENCE:

___ WITHOUT BASEMENT ON SLAB
✓ CRAWL SPACE
✓ WITH BASEMENT /PLUMBING
___ WITH BASEMENT /NO PLUMBING

TOWNSHIP (CHECK ONE):

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

CLOSING DATE 3/30/2000

IF EXPANSION/ALTERATION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED BUILDING ADDITION:

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: ___ YES ✓ NO TYPE: _____

WATER SUPPLY (CHECK ONE):

___ COMMUNITY (C)
___ MUNICIPAL (M)
✓ PRIVATE WELL (P)
___ SHARED WELL (S)
___ OTHER 'SPRINGS' (O)

IF ANY OF THE FOLLOWING ARE LOCATED ON THE PROPERTY, PLEASE SHOW LOCATION ON PLAT:

BURIED CABLES, LANDFILLS, STUMPHOLES ___ YES ✓ NO
EXISTING WASTEWATER SYSTEMS ___ YES ✓ NO
EASTMENTS OR RIGHT-OF-WAYS ___ YES ✓ NO
WELL, SPRINGS OR WATERLINES ___ YES ✓ NO
DESIGNATED WETLANDS ___ YES ✓ NO

PROPERTY OWNER:

NAME: Bowles Daryl
(LAST) (FIRST) (MI)

ADDRESS: Waymart Ln

CITY: STATE: NC ZIP:

DAYTIME PHONE: (704) 361-1084

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME:
(LAST) Ryon (FIRST) Mike (MI)

DAYTIME PHONE: ( ) 361-1084

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____

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

SIGNED: _____ DATE: 3/6/2000

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

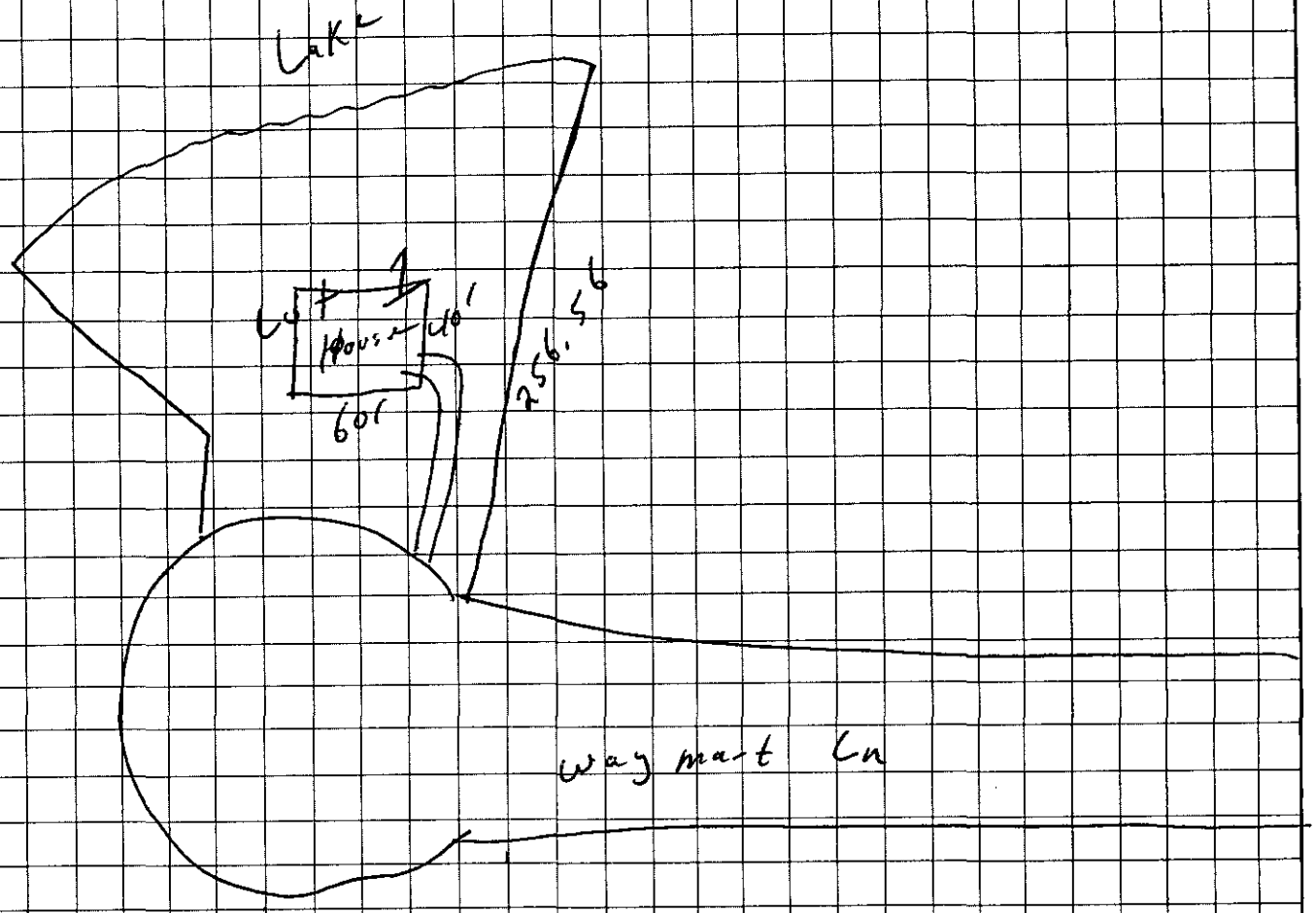
PROPOSED PLOT PLAN

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

FILE: 4218B

TC: 199-331-30PR

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 3/6/2000

APPROVAL DATE _____

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

Supervisor/Administrative Professional Checklist

New Septic ☒ **New Well** ☐ **Use Existing** ☐ **Alteration** ☐ **Modified Plot Plan** ☐

New Septic Fees Paid:

IP ($250.00) LE 6/16/15 Initials/Date

CA ($200.00) _____ Initials/Date

OP ($200.00) _____ Initials/Date

(CA and OP fees need to be paid before a building permit can be issued)

New Well Fee Paid: $550.00 _____ Initials/Date

Use Existing Fee Paid: $100.00 _____ Initials/Date

Alteration Fee Paid: $300.00 (Total) $200 (If use existing was paid)_____ Initials/Date

Modified Plot Plan Fee Paid: $100.00 _____ Initials/Date

Floor plans need to be submitted and reviewed before CA can be issued. ☐ Reviewed ☐ ____

This site is served by septic and well. Verify each is complete before final hold is released. ☐

Septic file completed. ☐ _____ Well file completed. ☐ _____

Send permit for signature. ☐ Signature received. ☐ _____

This septic system requires a certified operator contract before final hold is released. ☐

Certified operator contract is on file. ☐ _____

MECKLENBURG COUNTY
HEALTH DEPARTMENT

4218B Application # 7553

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:

TAX PARCEL NUMBER: 19933144
STREET ADDRESS: 15030 Waymart Lane
CITY: Charlotte
STATE: NC **ZIP:** 28278
SUBDIVISION NAME: Copper Cove
LOT #: 1 **LOT SIZE (acres):** 0.68
TOWNSHIP:

○ MECKLENBURG ○ CORNELIUS ○ HUNTERSVILLE
○ DAVIDSON ◉ CHARLOTTE ○ PINEVILLE
○ MATTHEWS ○ MINT HILL

4. BUILDING INFORMATION:

BUILDING TYPE:

○ SINGLE MOBILE HOME ○ MODULAR HOME
○ DOUBLE WIDE ○ MULTIPLE FAMILY
◉ HOUSE ○ OTHER _____

HEATED SQUARE FOOTAGE: 2,500
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 8
FOUNDATION TYPE:

○ CONCRETE SLAB ◉ BASEMENT WITH PLUMBING
○ CRAWL SPACE ○ BASEMENT 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? 6/30/00 ☐ UNKNOWN

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

12. PROPERTY OWNER:

NAME: Charles Myers
ADDRESS: 200 Providence Road #200
CITY: Charlotte
STATE: NC ZIP: 28207
WORK PHONE: (704) 991-1279
MOBILE PHONE: _____
FAX: _____
E-MAIL: _____

13. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:

NAME: Michael Athanas and Associates
ADDRESS: 561 Ennis Road
CITY: Weddington
STATE: NC ZIP: 28173
WORK PHONE: _____
MOBILE PHONE: (704) 576-3887
FAX: _____
E-MAIL: scott@michaelathanas.com

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

Revised on: 12/15/10

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.

SK (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. A PROPOSED PLOT PLAN is required to be submitted with each application.

_____ 6-15-15

Property Owner's or Owner's Legal Representative Signature — Date

---

OFFICE USE ONLY

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

SEPTIC APPLICATION FEE RECEIVED: $ _____ DATE FEE RECEIVED: _____

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

APPLICATION PROCESSED BY: _____

GWS FILE NUMBER ASSIGNED: _____

APPLICATION ID NUMBER ASSIGNED: _____

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: 12/15/10

File #: _____

PROPOSED PLOT PLAN

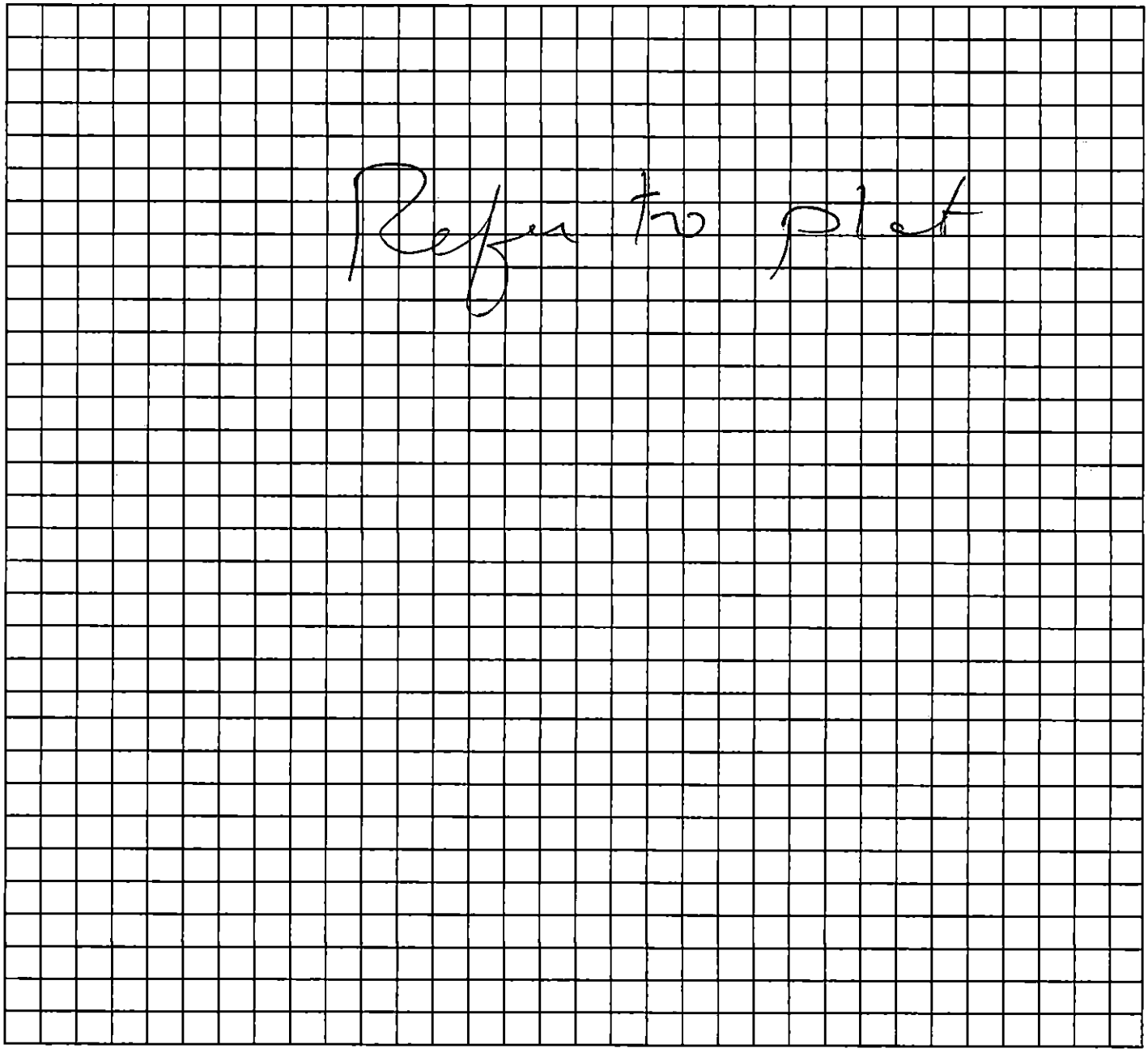
A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), location of existing or proposed sewer lines and sewage disposal systems, surface water bodies, and any aboveground or underground storage tanks. Provide names for all roads that adjoin the property.

Street Address: 15030 Waymart Lane

Tax Parcel #: 19933144

Subdivision Name: Copper Cove

Lot #: 1



_____ _____

Property Owner's or Owner's Legal Representative Signature Date

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

Revised on: 12/15/10

MECKLENBURG COUNTY
Health Department

E. Winters Mabry, MD
Director

(704) 432-3199

Addendum to Application for
New Well or Septic System Installation
Abandonment or Repair of Existing Well or Septic System

Your signature below confirms the following:

1. The information on the application is true, complete and accurate.
2. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliances with applicable laws and rules.
3. I acknowledge that Michael Mauney and Associates is acting as my legal representative (agent) in the submittal of the application for a water supply well or septic permit located at

Waymark Lane Charlotte .
Number Street Town
(Or Parcel Number)

Charles N. Myers
Property Owner (print name)

Charles N. Myers
Property Owner (signature)

4-20-15
Date

DAS DON ALLEN & ASSOCIATES, P. A.
"Since 1971"
Commercial * Residential * Mortgage Surveys * Multi-Family
Construction Staking * Subdivision Design * Topographical
131 Crosslake Park Drive – Suite 102 * Mooresville * NC * 28117
(704) 664-7029 (704) 664-8041 Fax

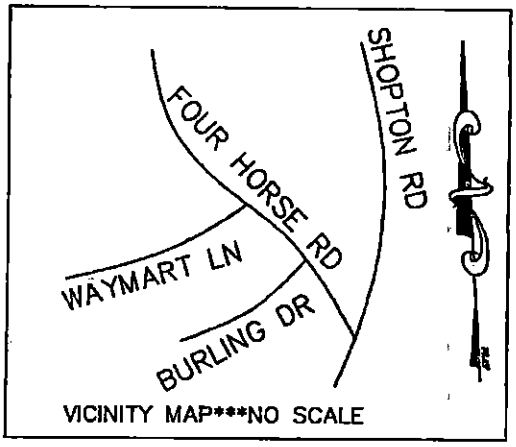
I, certify that this map was drawn under my supervision from an actual survey made under my supervision recorded in deed book 11393, page 818, and/or plat book 34, page 102, that the ratio of precision is 1':10,000, that this map was prepared in accordance with the General Statutes of North Carolina Chapter 89C.

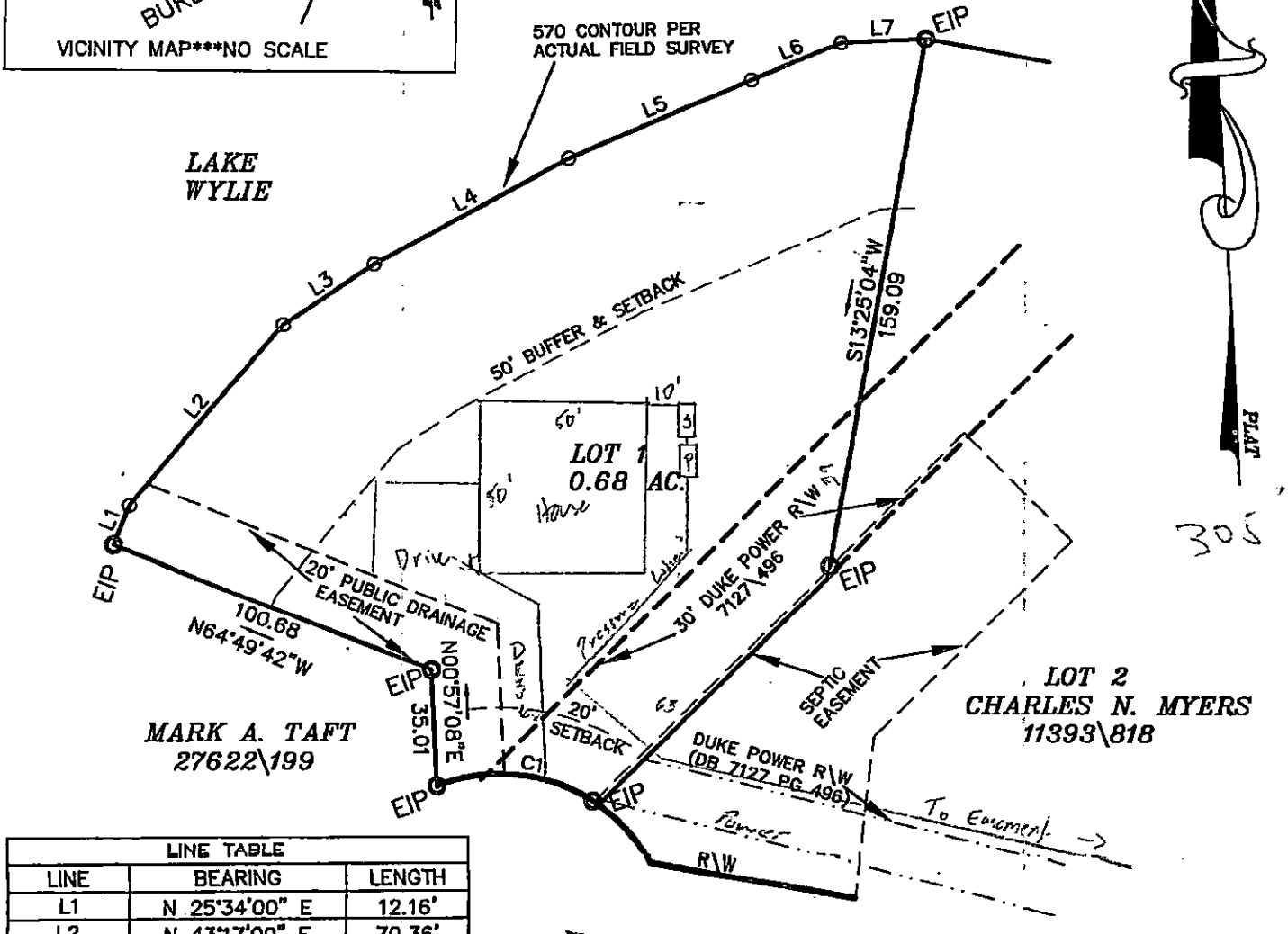
my hand and seal on the 2, day of FEB, A.D. 20 15.

WILLIAM M. ALLEN, PLS

NORTH CAROLINA PROFESSIONAL SEAL L3499 LAND SURVEYOR WILLIAM M. ALLEN

CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHORD
C1	50.00'	48.06'	N 80°34'09" W	46.23'





LINE TABLE		
LINE	BEARING	LENGTH
L1	N 25°34'00" E	12.16'
L2	N 43°17'00" E	70.36'
L3	N 59°35'00" E	32.06'
L4	N 64°55'00" E	65.03'

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	06/16/15	**Amount:**	250.00
Receipt #:	95079	**Tendered:**	250.00
Check / Auth #:	CHECK 1135	**Returned:**	0.00
Received By:	ELLISLW		

Account Information

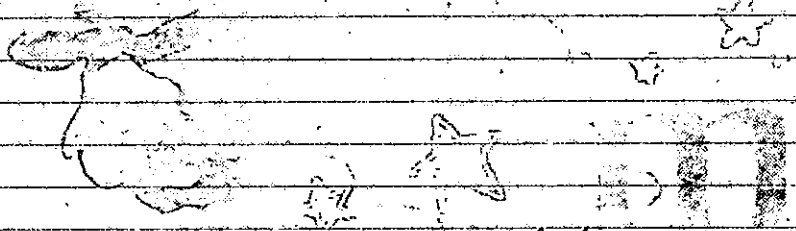
Account #: 200000
Contractor: MICHAEL ATHANAS & ASSOCIATES, I
Attn:
Address: 561 ENNIS RD
Address:
City/State/Zip: WAXHAW, NC 28173

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 15030 WAYMART LANE		1	250.00	250.00

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

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

notes



15014 Waymart Lane

Parcels 19933144

- 150

Brian

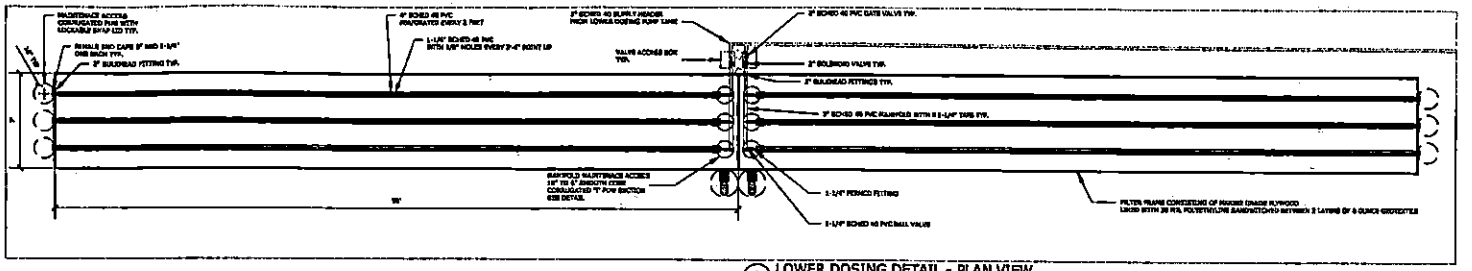
704-749-5736

Nichols Company

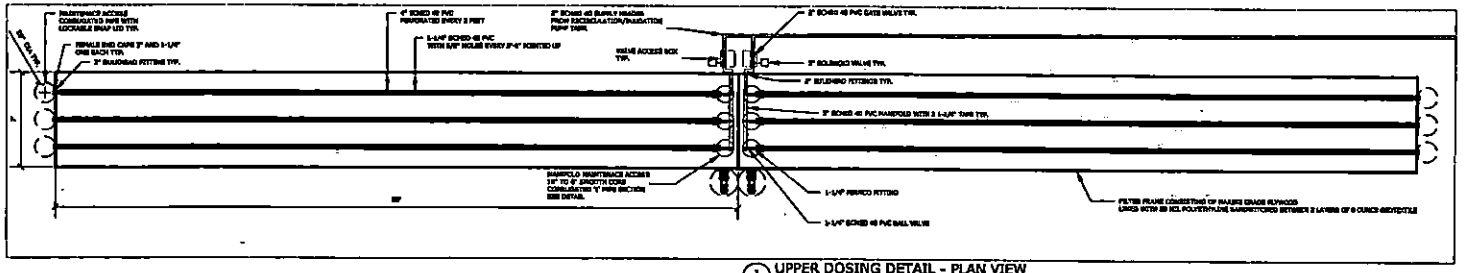
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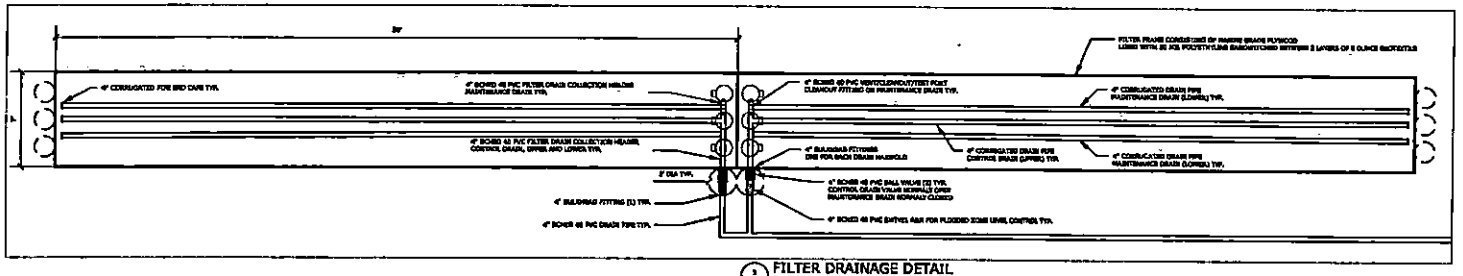
notes



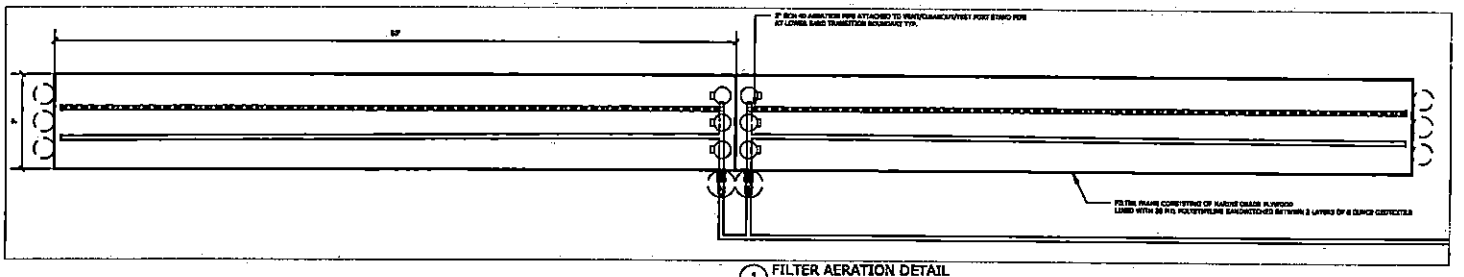
LOWER DOSING DETAIL - PLAN VIEW
SCALE: 1"=5'-0"



UPPER DOSING DETAIL - PLAN VIEW
SCALE: 1"=5'-0"



FILTER DRAINAGE DETAIL
SCALE: 1"=5'-0"



FILTER AERATION DETAIL
SCALE: 1"=5'-0"

NOT FOR CONSTRUCTION

IWS
integrated water strategies

BIG WOODS ENERGY ENGINEERING
A. CRAIG GAMMARINO, PE,LEED AP
271 COX STORE ROAD
FLOYD, VA 24091
Engineer
276.734.5380

WAYMART LANE COMMUNITY

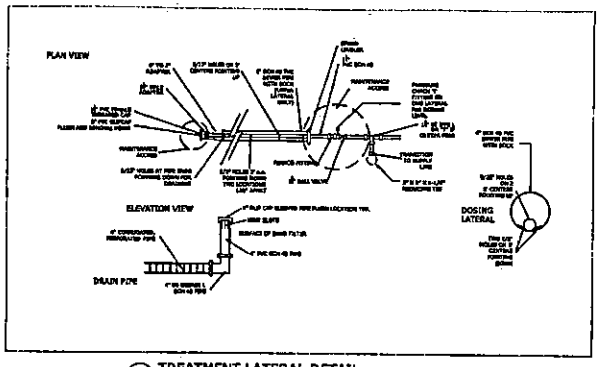
LAKE WYLIE, WAYMART LANE
CHARLOTTE, NORTH CAROLINA
MECKLENBURG COUNTY

REVISION HISTORY

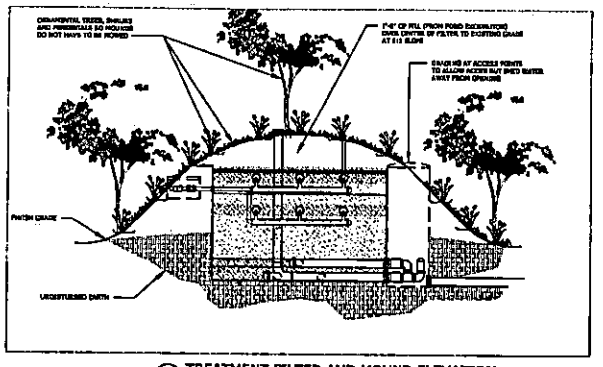
TREATMENT DETAILS PLAN VIEW

PROJECT MANAGER
DRAWN BY: CHS
CHECKED BY: Submittal Only
SHEET NUMBER

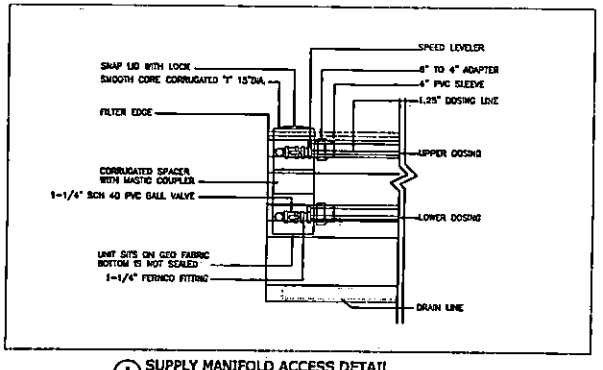
WW4a
OF
8



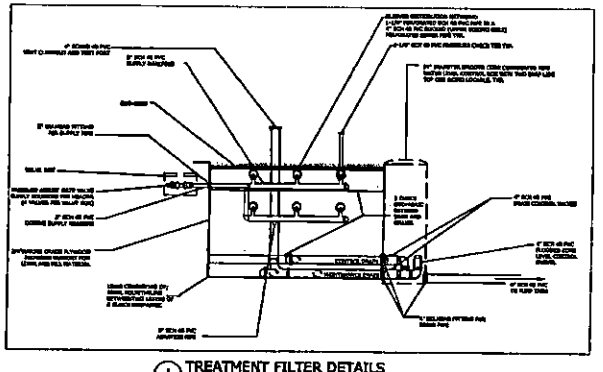
TREATMENT LATERAL DETAIL
SCALE:NTS



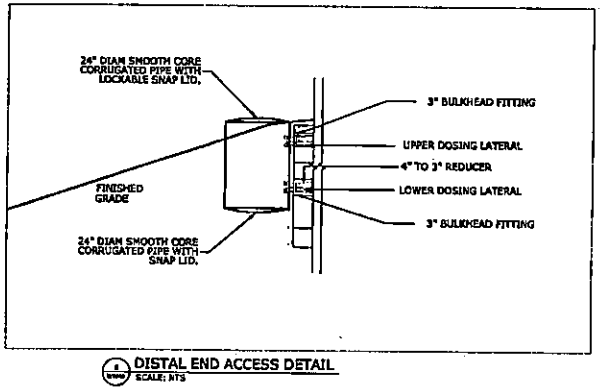
TREATMENT FILTER AND MOUND ELEVATION
SCALE: 1"=1'-0"



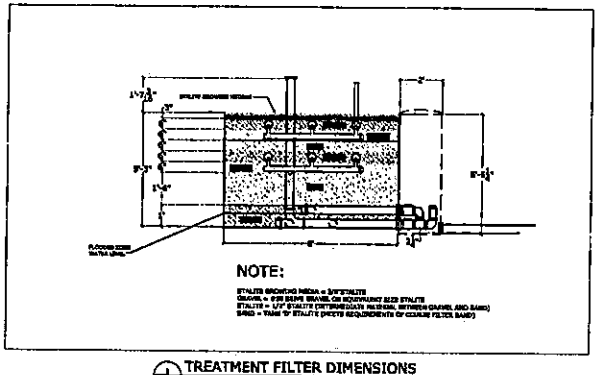
SUPPLY MANIFOLD ACCESS DETAIL
SCALE: NTS



TREATMENT FILTER DETAILS
SCALE: 1"=1'-0"



DISTAL END ACCESS DETAIL
SCALE: NTS



TREATMENT FILTER DIMENSIONS
SCALE: 1"=1'-0"

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Engineer
276.734.5380

WAYMART LANE COMMUNITY

LAKE WYLIE, WAYMART LANE
CHARLOTTE, NORTH CAROLINA
MECKLENBURG COUNTY

REVISION HISTORY

TREATMENT DETAILS

SHEET NUMBER

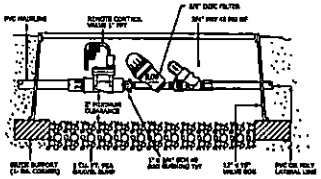
WW4b

OF

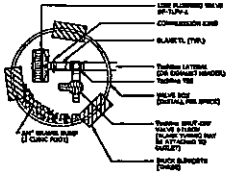
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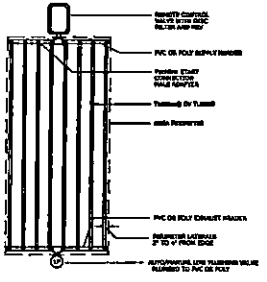
Techline ON GRADE INSTALLATION



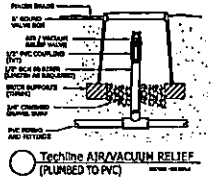
LOW VOLUME CONTROL ZONE ASSEMBLY
P/N LVCZ10075-HF
3.5 - 17.6 GPM



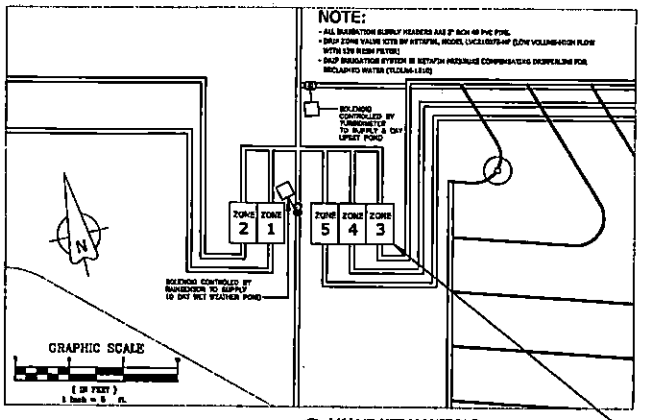
Techline LINE FLUSHING VALVE W/ SHUT-OFF VALVE



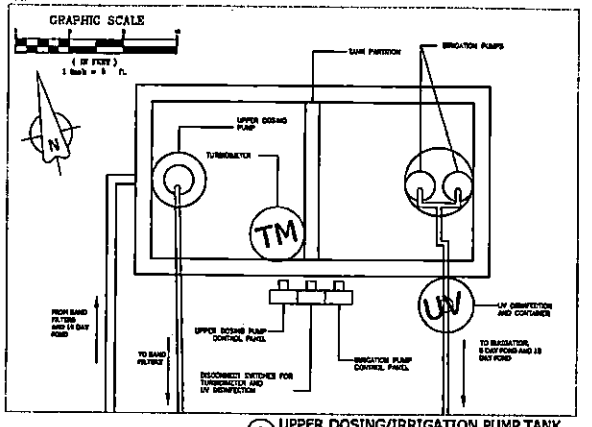
Techline® CV END FEED LAYOUT



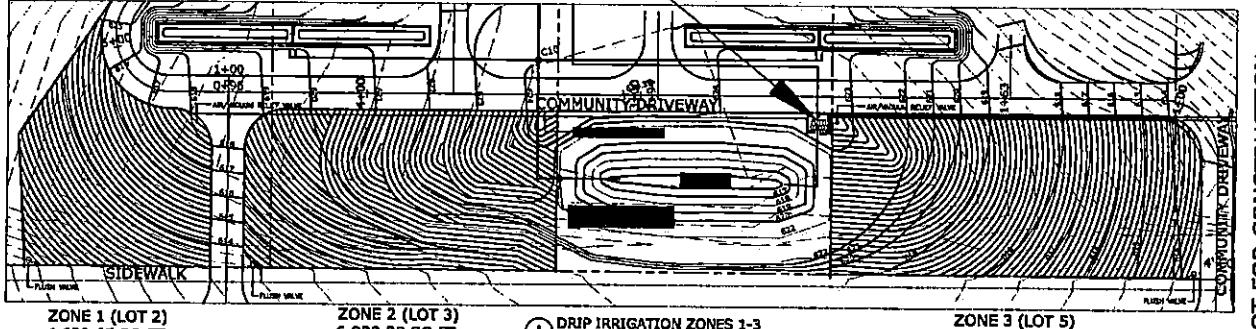
Techline AIR/VACUUM RELIEF (PLUMBED TO PVC)



VALVE KIT MANIFOLD
SCALE: 1" = 5'-0"



UPPER DOSING/IRRIGATION PUMP TANK
SCALE: 1" = 5'-0"

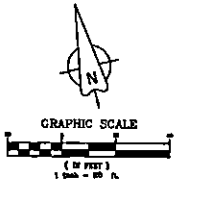


ZONE 1 (LOT 2)
4,639.65 SQ.FT.

ZONE 2 (LOT 3)
6,832.23 SQ.FT.

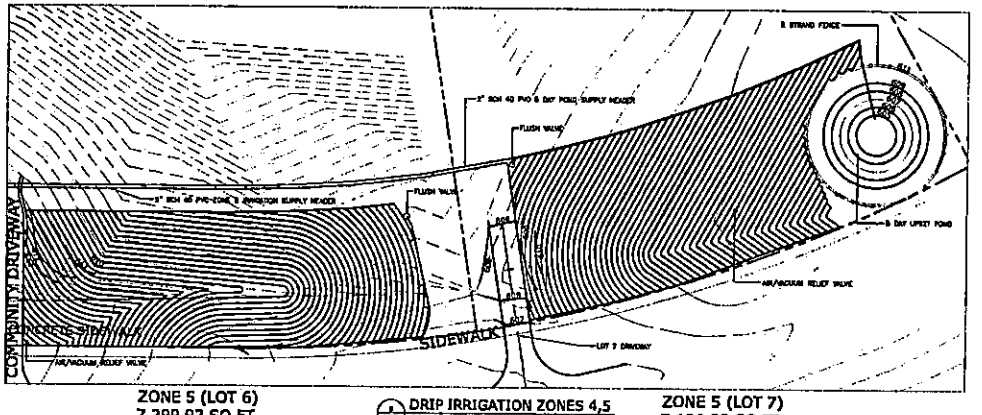
DRIP IRRIGATION ZONES 1-3
SCALE: 1" = 20'-0"

ZONE 3 (LOT 5)
8,118.83 SQ.FT.



LEGEND

- PROPERTY BOUNDARY
- SETBACK
- RIGHT OF WAY
- EASEMENT
- EXISTING TOPO - MINOR
- EXISTING TOPO - MAJOR
- FENCE
- PROPOSED CONTOURS



ZONE 5 (LOT 6)
7,299.92 SQ.FT.

DRIP IRRIGATION ZONES 4,5
SCALE: 1" = 20'-0"

ZONE 5 (LOT 7)
7,106.33 SQ.FT.

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IWS
Integrated water strategies

BIG WOODS ENERGY ENGINEERING
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FLOYD, VA 24091
Engineer
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WAYMART LANE COMMUNITY

LAKE WYLIE, WAYMART LANE
CHARLOTTE, NORTH CAROLINA
MECKLENBURG COUNTY

REVISION HISTORY

IRRIGATION DETAILS

PROJECT NUMBER

SYSTEM DESIGNER: Date

DRAWN BY: SUBMITTAL 09-16

SHEET NUMBER

WW7
OF
8

Randall, Kelly

From: Angoli, Trish [trish.angoli@ncdenr.gov]
Sent: Tuesday, April 27, 2010 2:05 PM
To: Randall, Kelly
Cc: Thomason, Trevor; Stutts, Jack
Subject: RE: Waymart lane - Copper Cove project

Kelly,

Hal House has an experimental I&E approval for his system, which is for a constructed wetland. He has modified this and his system appears to be a cross between a sand filter and a constructed wetland. That appears to be what you have been sent. To my knowledge, for subsurface, he only has two systems in, one in Gates County and one in Chatham County. I can not speak for how many DWQ systems he has had installed.

In the past, if he is trying to use a sand filter, I have made him follow the sand filter approval. (I have received some of his designs for some single family home systems.)

For over 3,000 gallons per day, he can use his design if he chooses. He will have to prove to the Section that it can hit the limits he is specifying.

If this design is for a single family home, he needs to either follow the sand filter approval or get his experimental approval modified so that he can include these under that approval. If he is proposing a community system, I would kick it up for review and let us argue with him.

Trish

My e-mail address has changed to trish.angoli@ncdenr.gov. Please change your address books accordingly.

Tricia Angoli, PE
Environmental Engineer
On-Site Water Protection Setion
1642 Mail Service Center
Raleigh, NC 27699-1642
919-715-3272, 919-715-3227-fax

E-mail correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties.

From: Randall, Kelly [mailto:Kelly.Randall@mecklenburgcountync.gov]
Sent: Monday, April 26, 2010 1:45 PM
To: Angoli, Trish
Cc: Thomason, Trevor; Stutts, Jack
Subject: FW: Waymart lane - Copper Cove project

Trish,

Are you familiar with these systems or this engineer.
I have not seen these before.
He indicates this is what Grove Park Inn has for waste water disposal?
These lots were previously permitted for septic systems but permits have expired.

These PDFs are all the info I have

Thanks

Kelly

From: mark melaragno [mailto:meldesignbuild@gmail.com]
Sent: Friday, April 23, 2010 7:20 PM
To: Stutts, Jack; Randall, Kelly; Caldwell, David
Cc: Neill Pardue; House Hal; Myers Charles
Subject: Waymart lane - Copper Cove project

Gentlemen.

Please find the enclosed PDF depicting a water recycling system designed by Hal House of Integrated Water Strategies in Apex, NC who is copied on this email.

Hal can explain in more detail, but suffice to say this system allows us to be a better steward of the watershed by providing cleaned water.

Being just outside Raleigh, Hal permits all his systems via NCDENR . These are non discharge systems and are not permitted via NPDES.

We will be permitting the wells through the county and want to ensure that all issues are addressed upfront. We will want to note the potential well areas on our drawing in this process as well.

I'm happy to meet should you have any concerns. Hal is also willing to attend via conference call.

I look forward to contacting you early next week.

Please respond with any concerns.

Best regards,

Mark Melaragno
Melaragno Design Build

704 361-1535