SUPERVISOR/ADMINISTRATIVE PROFESSIONAL CHECKLIST

☒ NEW SEPTIC ☐ REPAIR ☐ USE EXISTING ☐ MODIFIED PLOT PLAN ☐ ALTERATION

File Number: 5429B / 14732

Assigned Inspector: Patrick / April

☒ IP $250.00: MON 6/10/24 Initial/Date

☐ IP Commercial $450.00: _____ Initial/Date

☑ CA & OP $400.00: SM 12/20/24 Initial/Date

☐ Alteration Fees $300: _____ Initial/Date

☐ Modified Plot Plan Fees $100.00: _____ Initial/Date

☐ Use Existing Fees $100.00: _____ Initial/Date

☐ Use Existing Approved ☐ Use Existing Denied

☑ Send IP permit for signature: SM 12/20/24 ☑ Signature received: SM 1/6/25

☐ Floor plans reviewed

☒ Generate CA ☒ Approve as Noted in Winchester

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

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

☐ Certified operator contract is on file: _____

☒ Septic file complete: 11/21/25

☒ Release final hold in Winchester: 11/21/25 SM

Comments:

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	06/10/24	**Amount:**	250.00
Receipt #:	149402	**Tendered:**	250.00
Check / Auth #:	VISA 08120G	**Returned:**	0.00
Received By:	ORTIZMP		

Account Information

Account #: 200000
Contractor: DONNA MOSER
Attn: JOSEPH GREENTREE
Address: 548 NAUTICAL DR
Address: STE 201
City/State/Zip: LAKE WYLIE, SC 29710

Item	Description	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 12541 MARSH WREN CT	1	250.00	250.00

Permit#

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
-177.50		2,617.50			

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	12/20/24	**Amount:**	200.00
Receipt #:	152087	**Tendered:**	200.00
Check / Auth #:	VISA 00372G	**Returned:**	0.00
Received By:	MOORES		

Account Information

Account #:	200000
Contractor:	CONNOR MCSPADDEN
Attn:	
Address:	
Address:	
City/State/Zip:	,

Item	Description	Quantity	Unit Price	Total Price
0734	Septic Construction Authorizat 12541 MARSH WREN CT	1	200.00	200.00

Permit#

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

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
507.50		580.00		2,737.50	

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	12/20/24	**Amount:**	200.00
Receipt #:	152088	**Tendered:**	200.00
Check / Auth #:	VISA 00372G	**Returned:**	0.00
Received By:	MOORES		

Account Information

Account #: 200000
Contractor: CONNOR MCSPADDEN
Attn:
Address:
Address:
City/State/Zip: ,

Item	Description	Quantity	Unit Price	Total Price
0703	Septic Operational Permit 12541 MARSH WREN CT	1	200.00	200.00
Permit#				

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

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
507.50		580.00		2,737.50	

5429B / 14732

MECKLENBURG COUNTY
HEALTH DEPARTMENT

19 JUN 24 PM 4:43

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: 19937116
STREET ADDRESS: 12541 Marsh Wren Ct
CITY: Charlotte
STATE: NC ZIP: 28278
SUBDIVISION NAME: The Sanctuary
LOT #: 61 LOT SIZE (acres): 6.01
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: 4,224
NUMBER OF BEDROOMS: 5
NUMBER OF OCCUPANTS: _____

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:** 1 ____ ____ ____ ____

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?** 11/30/04 ☐ UNKNOWN

11. **WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?** 4/13/22 ☐ N/A

12. **PROPERTY OWNER:**

NAME: Joseph Robert Greentree
ADDRESS: 4245 Cheswick Pl
CITY: Virginia Beach
STATE: NC ZIP: 23455
WORK PHONE: _____
MOBILE PHONE: (757) 676-9365
FAX: _____
E-MAIL: joegreentree@verizon.net

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

NAME: Connor McSpadden
ADDRESS: 548 Nautical Dr Ste201
CITY: Lake Wylie
STATE: SC ZIP: 29710
WORK PHONE: (704) 825-7324
MOBILE PHONE: (704) 361-2260
FAX: _____
E-MAIL: connorm@mdcsys.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.

CM (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.

CM (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.

Property Owner's or Owner's Legal Representative Signature

6/6/24
Date

OFFICE USE ONLY

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

SEPTIC APPLICATION FEE RECEIVED: $ 250- DATE FEE RECEIVED: 6/10/24

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

APPLICATION PROCESSED BY: MON

GWS FILE NUMBER ASSIGNED: 5429B

APPLICATION ID NUMBER ASSIGNED: 14732

COMMENTS:

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

File #: 5429B

PROPOSED PLOT PLAN

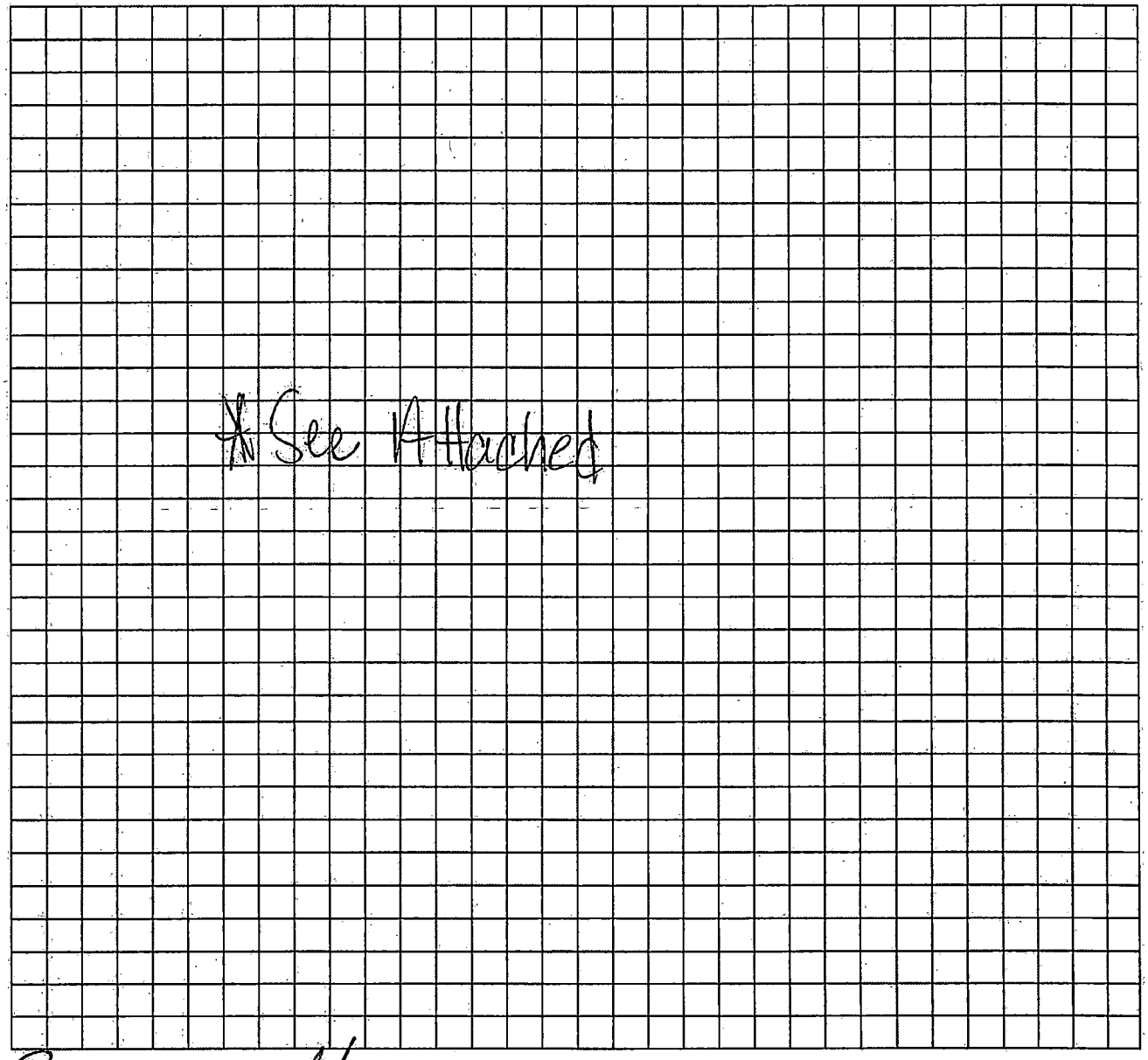
A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), 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: 12541 Marsh Wren Ct

Tax Parcel #: 19937116

Subdivision Name: The Sanctuary

Lot #: 61



Property Owner's or Owner's Legal Representative Signature

6/6/24
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

KDH DESIGN
RESIDENTIAL
KDHDESIGNS.COM
704-728-0909
16614 W Catawba Avenue
Cornelius, NC 28031
N·C·B·D·C
ENGINEER

THE GREENTREE RESIDENCE

LOT 61 MARSH WREN COURT
CHARLOTTE, NORTH CAROLINA

MEMBER
A|I
B|D

PROJECT NO: 2024-126
DATE: 6/3/2024

DRAWN BY: B. DALEY

COPYRIGHT
KDH RESIDENTIAL DESIGNS
AUTHORIZES THIS PLAN TO BE BUILT
ONE TIME BY THE OWNER.
ALTERATIONS - MODIFICATIONS OR
REUSE OF THIS PLAN IS PROHIBITED

SHEET TITLE
SITE PLAN

02
SHEET 02 OF 11

THIS IS TO CERTIFY THAT THIS EXHIBIT WAS PREPARED UNDER MY SUPERVISION AND THAT THE EXHIBIT WAS PREPARED FOR THE PURPOSE OF ACQUISTITION OF EASEMENTS ONLY, AND IS NOT INTENDED TO BE A BOUNDARY SURVEY OF PROPERTY SHOWN.
DATE OF EXHIBIT SEPTEMBER, 17th 2024

THIS MAP MAY NOT BE A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS AND HAS NOT BEEN REVIEWED FOR COMPLIANCE WITH RECORDING REQUIREMENTS FOR PLATS. (N.C.G.S. 47-30(n))

NORTH CAROLINA PROFESSIONAL SEAL L-4689 LAND SURVEYOR THOMAS E. WHITE

NORTH PER MB 42/621

L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 (12.00)

NAIL (FOUND)

LOT 61
MB 42/621
6.011 ACRES
(FPE: 573.1')
#12541
VACANT

~NOW OR FORMERLY~
KENT PHILLIPS
DB 35414/482
LOT 60, MB 42/621
PID 19937117

N17°05'04"E 439.05'

~NOW OR FORMERLY~
STEPHEN MCCARTHY
MICHELLE MCCARTHY
DB 36421/85
LOT 62, MB 42/621
PID 19937115

S45°11'41"W 705.91' TOTAL (693.91)

REBAR (FOUND)

C2

ENCROACHMENT AREA
400 SQ. FT.

S22°32'48"E 236.58' (BOUNDARY TIE)

E2 E1 E3 E4

EXISTING 20' STORM DRAIN EASEMENT (MB 42/621)

EXISTING 20' STORM DRAIN EASEMENT (MB 42/621)

N25°08'54"E 244.52'

N18°27'05"E 403.56' (BOUNDARY TIE)

C1

L1

REBAR (FOUND)

~LAKE WYLIE~
SITE
SHOPTON ROAD W
ISLAND POINT RD
VICINITY MAP
NOT TO SCALE

MARSH WREN CT
50' PUBLIC R/W
(MB 42/621)

LINE TABLE		
LINE	BEARING	LENGTH
L1	N19°59'34"W	56.57'
L2	S59°39'55"E	21.15'
L3	S74°37'11"E	62.25'
L4	S32°33'04"E	66.19'
L5	S25°47'19"E	61.17'
L6	S01°33'58"E	38.84'
L7	S47°59'37"E	83.68'
L8	S35°01'04"E	117.15'
L9	S18°14'57"E	70.43'
L10	S21°14'28"E	101.22'
L11	S09°27'32"E	34.08'

CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHORD
C1	225.00'	177.33'	N02°35'07"E	172.78'
C2	115.00'	182.76'	N19°52'27"W	164.12'

EASEMENT LINE TABLE		
LINE	BEARING	LENGTH
E1	N32°46'03"E	20.00'
E2	S57°13'57"E	20.00'
E3	S32°46'03"W	20.00'
E4	N57°13'57"W	20.00'

SYMBOL LEGEND
- SET IRON PIN
- EXISTING IRON PIN
- CALCULATED POINT

LINETYPE LEGEND
- BOUNDARY LINE
- TIE LINE
- RIGHT OF WAY
- APPROXIMATE RIGHT OF WAY (NOT SURVEYED)
- ADJOINING LINE (NOT SURVEYED)

ENCROACHMENT EXHIBIT ONLY
OF

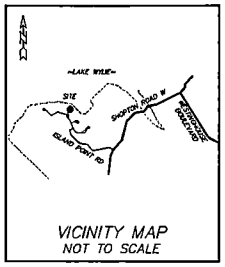
SCALE 1"=100'

#12541 MARSH WREN COURT
STEELE CREEK TOWNSHIP, MECKLENBURG COUNTY, NORTH CAROLINA
SURVEYED FOR JOSEPH ROBERT GREENTREE & JACQULYN ELIZABETH OTERO

MAP BOOK 42 PAGE 621 DEED BOOK ____ PAGE ____
DRAWN BY MM FIELD WORK ____ FIELD BOOK # ____

CAROLINA SURVEYORS, INC
P.O. BOX 267
PINEVILLE, N.C. 28134
(704) 889-7601
FAX: (704) 889-7614
CERTIFICATE OF AUTHORIZATION
NC: C-1242 SC: 686

CARLSON\2024\NC\Marsh Wren Ct #12541
2024\M\Marsh Wren Ct #12541
PROJECT: 24-0155



VICINITY MAP
NOT TO SCALE

NORTH PER MB 42/621

GRAPHIC SCALE

60 0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

REVISIONS:	DATE

SCALE: 1" = 60'
PROJECT: 24-0155
DRAWN BY: RD
FIELD WORK: SH, SK
DATE: 7/17/2024
DWG: 2024\VC\Marsh Wren Ct #12541
COGO: 2024\VC\Marsh Wren Ct #12541

~LAKE WYLIE~

FEMA SPECIAL FLOOD HAZARD AREA LINE
(1% ANNUAL CHANCE FLOOD (100-YEAR FLOOD))

50' LOWER LAKE WYLIE WATERSHED OVERLAY DISTRICT CRITICAL AREA (MB 42/621)

50' ADDITIONAL SHORELINE BUFFER (MB 42/621)

LOT 61
MB 42/621
6.011 ACRES
(FPE: 573.1')
#12541
VACANT

~NOW OR FORMERLY~
JOSEPH R. GREENTREE
JACQULYN E. OTERO
DB 37249/752
PID 19937116

~NOW OR FORMERLY~
STEPHEN MCCARTHY
MICHELLE MCCARTHY
DB 36421/85
LOT 62, MB 42/621
PID 19937115

~NOW OR FORMERLY~
KENT PHILLIPS
DB 35414/482
LOT 60, MB 42/621
PID 19937117

10' EASEMENT (DB 17783/774)

N17°05'04"E 439.05'

S45°11'41"W 705.91' TOTAL (693.91')

N25°08'53"E 244.52'

TREE SAVE AREA & RESTRICTED ZONE (MB 42/621)

SEPTIC AREA (FLAGGED BY OTHERS)

MARSH WREN CT
50' PUBLIC R/W
(MB 42/621)

EDGE OF PAVEMENT

REBAR (FOUND)

GEN/CHMARK
MAG NAIL SET
ELEV.: 741.26
(NAVD88)

CONCRETE WALK

REBAR (FOUND)

20' SETBACK

20' SIDE (MB 42/621)

DI GRATE: 716.68

3' SIDE YARD

10' EASEMENT (DB 17783/774)

WHITE BLUE RED WHITE BLUE

WOODLINE

LEGEND:

EIP = EXISTING IRON PIN
CIP = OLD IRON PIPE
SIP = SET IRON PIN
R/W = RIGHT OF WAY
AC = AIR CONDITIONING UNIT
PWR = POWER POLE
PM = POWER METER
PP = POWER POLE
LP = LIGHT POLE
GM = GAS METER
TELE = TELEPHONE PEDESTAL
CATV = CABLE TELEVISION
FOB = FIBER OPTIC BOX
TSB = TRAFFIC SIGNAL BOX
WM = WATER METER
FES = FLARED END SECTION
RCP = REINFORCED CONCRETE PIPE
CMP = CORRUGATED METAL PIPE
CPP = CORRUGATED PLASTIC PIPE
PVC = POLYVINYL CHLORIDE PIPE
DU = DESTINATION UNKNOWN
SDE = STORM DRAINAGE EASEMENT
SDMH = STORM DRAIN MANHOLE
CB = CATCH BASIN
YI = YARD INLET
DI = DROP INLET
SSE = SANITARY SEWER EASEMENT
SSMH = SANITARY SEWER MANHOLE
CO = SEWER CLEAN OUT
BC = BACK OF CURB
(T) = TOTAL DISTANCE
P.O.B. = POINT OF BEGINNING

LINETYPE LEGEND

BOUNDARY LINE
TIE LINE
RIGHT OF WAY
APPROXIMATE RIGHT OF WAY (NOT SURVEYED)
ADJOINING LINE (NOT SURVEYED)

NOTES:

1. IRON PINS SET AT ALL CORNERS UNLESS OTHERWISE NOTED.
2. PROPERTY ZONED: MX-1(INNOV)
(SHOWN PER MB 42/621)
MINIMUM SETBACK 20'
MINIMUM SIDE YARD 3'
MINIMUM REAR YARD 30'
(SETBACKS & ZONING MATTERS ARE SUBJECT TO INTERPRETATION BY LOCAL MUNICIPALITIES)
3. TAX PARCEL NUMBER 19937116.
4. DEED REFERENCE: DB 37249 PG 752.
5. BOUNDARY SURVEY ONLY THROUGH POINTS AS SHOWN.
6. A PORTION OF THIS PROPERTY IS LOCATED WITHIN AN AREA HAVING A ZONE DESIGNATION AE BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), ON FLOOD INSURANCE RATE MAP (FIRM) NO. 3710359100L, WITH A DATE OF IDENTIFICATION OF 09/02/2015.
7. THIS PROPERTY MAY BE SUBJECT TO ADDITIONAL RECORDED OR UNRECORDED EASEMENTS, SETBACKS AND BUFFERS INCLUDING THOSE WITHIN THE APPLICABLE UNIFIED DEVELOPMENT ORDINANCE (UDO). RIGHTS-OF-WAY, IMPERVIOUS AREAS & BUILT UPON AREA (BUA) RESTRICTIONS, AND/OR RESTRICTIVE COVENANTS, OTHER THAN SHOWN, SURVEY MADE WITHOUT THE BENEFIT OF A TITLE EXAMINATION.
8. AREA COMPUTED BY COORDINATE METHOD.
9. NO NGS MONUMENT FOUND WITHIN 2000'.
10. UTILITY LOCATIONS SHOWN ARE LOCATED BASED ON SITE CONDITIONS AND MARKINGS AT THE TIME OF SURVEY. CONTRACTORS ARE TO HAVE ALL UTILITIES ACCURATELY MARKED PRIOR TO CONSTRUCTION.
11. ANY CONSTRUCTION OR USE WITHIN ANY DELINEATED FLOOD AREA IS SUBJECT TO THE RESTRICTIONS IMPOSED BY ANY APPLICABLE ORDINANCES OR REGULATIONS.
12. OFFSITE ADJOINER LINES AND RIGHT-OF-WAY LINES SHOWN AS DASHED ARE APPROXIMATE AND ARE FOR ILLUSTRATIVE PURPOSES ONLY.
13. LINES SHOWN REPRESENTING FENCES AND WALLS ARE MEASURED FROM THE APPROXIMATE CENTERLINE AND DO NOT ACCOUNT FOR THE THICKNESS, PLUMBNESS OR MEANDER OF THE FENCE UNLESS OTHERWISE STATED.
14. DISTANCES SHOWN ARE GROUND U.S. SURVEY FEET UNLESS OTHERWISE NOTED.

TREE TABLE

#	SPECIES/SIZE
1	OAK 16"
2	PINE 12"
3	OAK 14"
4	OAK 12"
5	OAK 16"
6	OAK 12"
7	OAK 12"
8	OAK 10"
9	PINE 12"
10	PINE 12"
11	OAK 14"
12	OAK 12"x3
13	OAK 16"
14	OAK 20"
15	OAK 18"
16	OAK 24"
17	OAK 14" x2
18	OAK 12" x2
19	PINE 12"
20	PINE 14"
21	OAK 12"
22	OAK 12"
23	OAK 14"
24	OAK 14" x2
25	OAK 14-10"
26	OAK 16"
27	OAK 18"
28	OAK 12" x2
29	OAK 12"
30	PINE 12"

LINE TABLE

LINE	BEARING	LENGTH
L1	N19°59'34"W	58.57'
L2	S59°39'55"E	21.15'
L3	S74°37'11"E	62.25'
L4	S32°13'04"E	66.19'
L5	S25°47'19"E	61.17'
L6	S01°33'58"E	38.84'
L7	S47°59'37"E	83.68'
L8	S35°01'04"E	117.15'
L9	S18°14'57"E	70.43'
L10	S21°14'28"E	101.22'
L11	S09°27'32"E	34.08'

CURVE TABLE

CURVE	RADIUS	LENGTH	BEARING	CHORD
C1	225.00'	177.33'	N02°35'07"E	172.78'
C2	115.00'	182.76'	N19°52'27"W	164.12'

21 NCAC 56 .1604: MAP CERTIFICATION

I CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (TITLE REFERENCES AS SHOWN ON PLAT); THAT THE BOUNDARIES NOT SURVEYED ARE INDICATED AS DRAWN FROM TITLE REFERENCES AS SHOWN ON PLAT; THAT THE RATIO OF PRECISION OR POSITIONAL ACCURACY MEETS OR EXCEEDS 1:10,000; AND THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56. 1600).

THIS _____ DAY OF _____ 20____.

_____
PROFESSIONAL LAND SURVEYOR

SYMBOL LEGEND

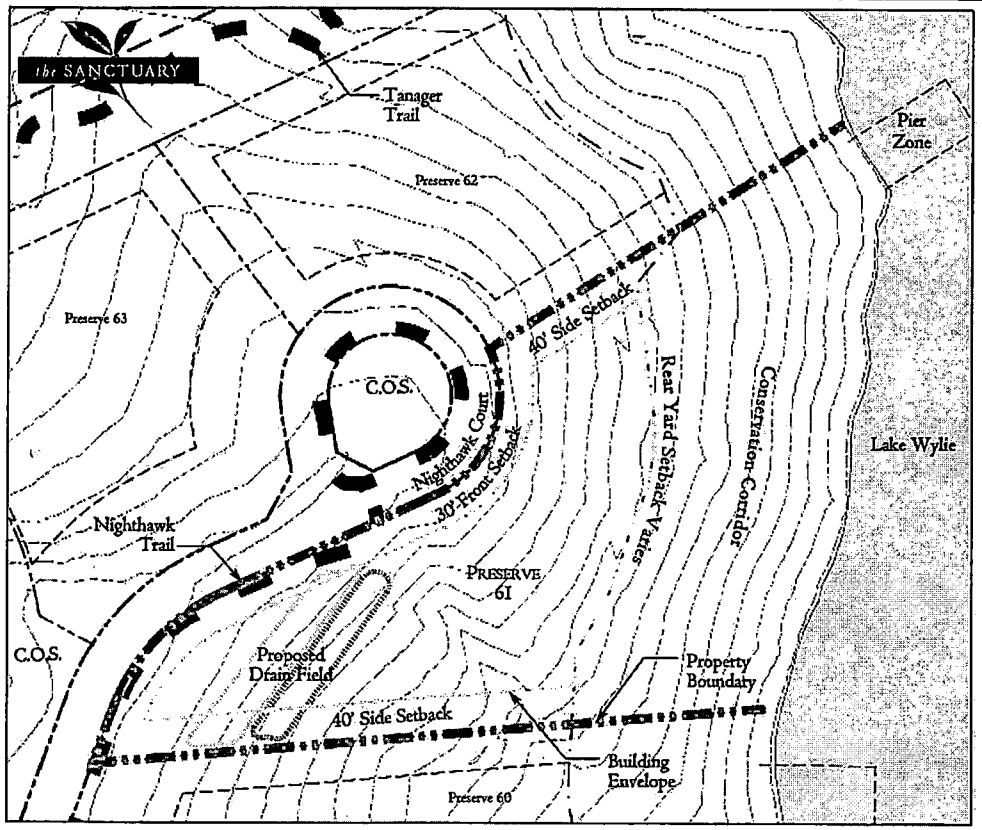
- SET MONUMENT (TYPE INDICATED)
- EXISTING MONUMENT (TYPE INDICATED)
- CALCULATED POINT
- GV GAS VALVE
- WV WATER VALVE
- MB MAIL BOX
- WM WATER METER
- W WELL
- FH FIRE HYDRANT
- SSMH SANITARY SEWER MANHOLE
- SDMH STORM DRAIN MANHOLE
- TMH TELEPHONE/COMMUNICATIONS MANHOLE
- EMH ELECTRIC MANHOLE
- DECIDUOUS TREE
- EVERGREEN TREE
- LP LIGHT POLE
- PP POWER/UTILITY POLE
- BFP BACK FLOW PREVENTOR
- GW GUY WIRE
- CB CATCH BASIN
- DI DROP INLET
- YI YARD INLET

CAROLINA SURVEYORS, INC.
P.O. BOX 267 PINEVILLE, N.C. 28134 - 0267
THOMAS C. WHITE, NCPLS & SCPLS 704-889-7601
TCWHOMASWHITE@GMAIL.COM
CERTIFICATE OF AUTHORIZATION NC:C-1343 SC:889

A PARTIAL TOPOGRAPHICAL SURVEY SHOWING

#12541 MARSH WREN COURT

SURVEYED FOR: MCSPADDEN HOMES
AREA: 6.011 ACRES
STEELE CREEK TOWNSHIP, MECKLENBURG COUNTY, NORTH CAROLINA





Private Preserve 61

+/- 6.00 acres
(+/- 261,452 s.f.)

Site Improvement Criteria

Maximum Impervious Surface
12 Percent = +/- 31,374 Square Feet

Building Area
+/- 92,148 Square Feet

June 24, 2004

0 100 200 300
graphic scale

Notes

* No permanent stormwater treatment facilities are required, if:
  a) Total impervious area is less than or equal to 7% (+/- 18,301 s.f.)
  b) Total Denuded area is less than or equal to 15% (+/- 39,217 s.f.)
  c) Sq. footage subject to change based on final recorded plat.
* USGS topo shown (not field verified).
* 10' contours represented by darker dashed line.
* C.O.S. - Common Open Space
* Lot lines and setbacks subject to change.
* Refer to the Project Development Standards for additional information.
* Shoreline Impact Minimization Zone - No excavation or dredging may occur; no boat ramps may be constructed. Private docks are allowed if placement does not require dredging.
* Shoreline Environmental Designation - Private docks are allowed if placement does not require dredging.
* The drain field areas shown are intended to be approximate and have not been approved by the Mecklenburg County Health Department (MCHD). All information on the MCHD Improvement Permit will supercede this site illustration.
* All information is subject to change.
*We reserve the right to replace document with updated information.

*** NOT FOR CONSTRUCTION, SALES, RECORDATION, OR CONVEYANCES.**

Legend

Vegetation

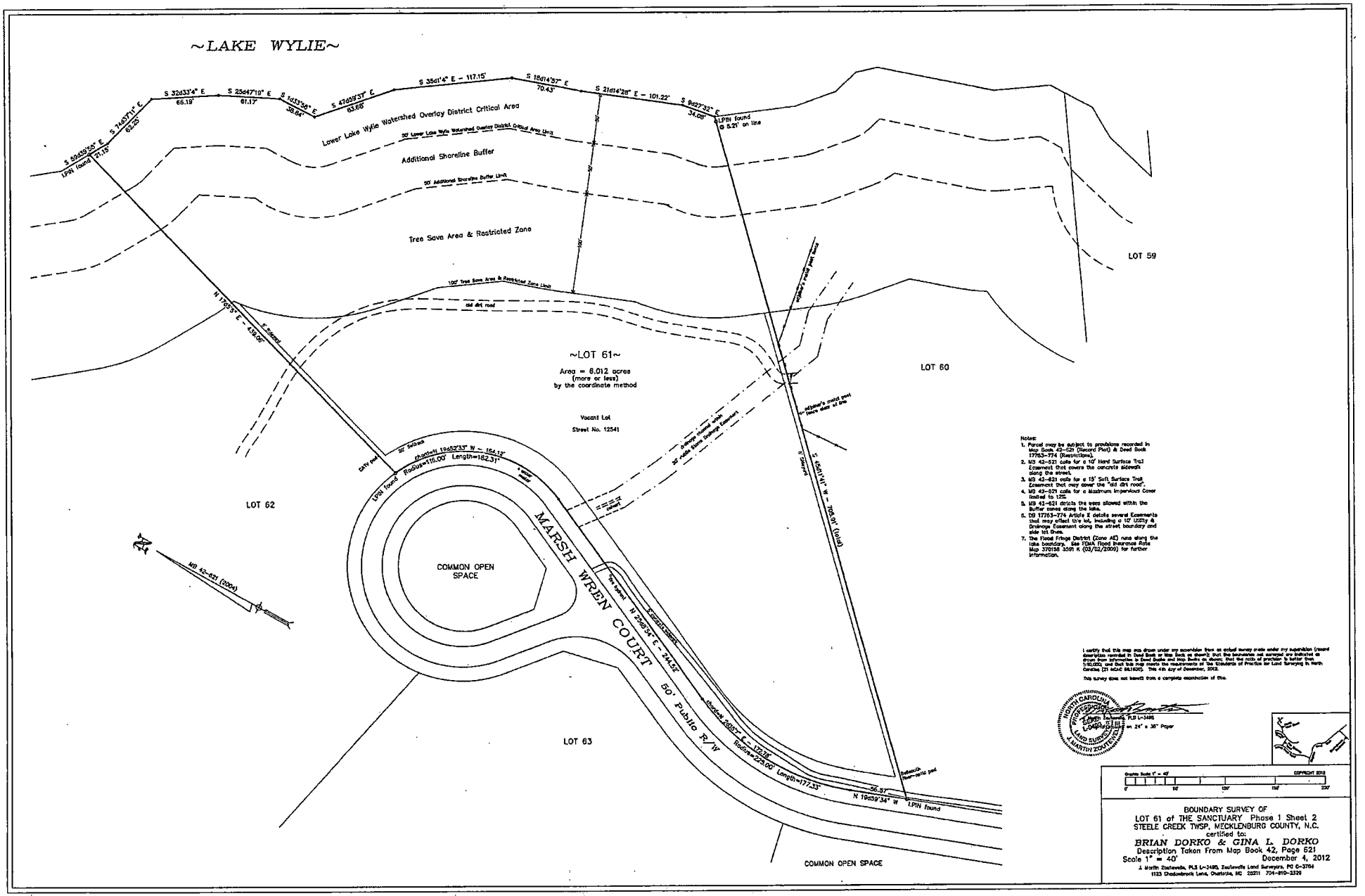
- Deciduous Vegetation
- Evergreen Vegetation
- Deciduous Evergreen Mix
- Scattered Hardwoods

Slope

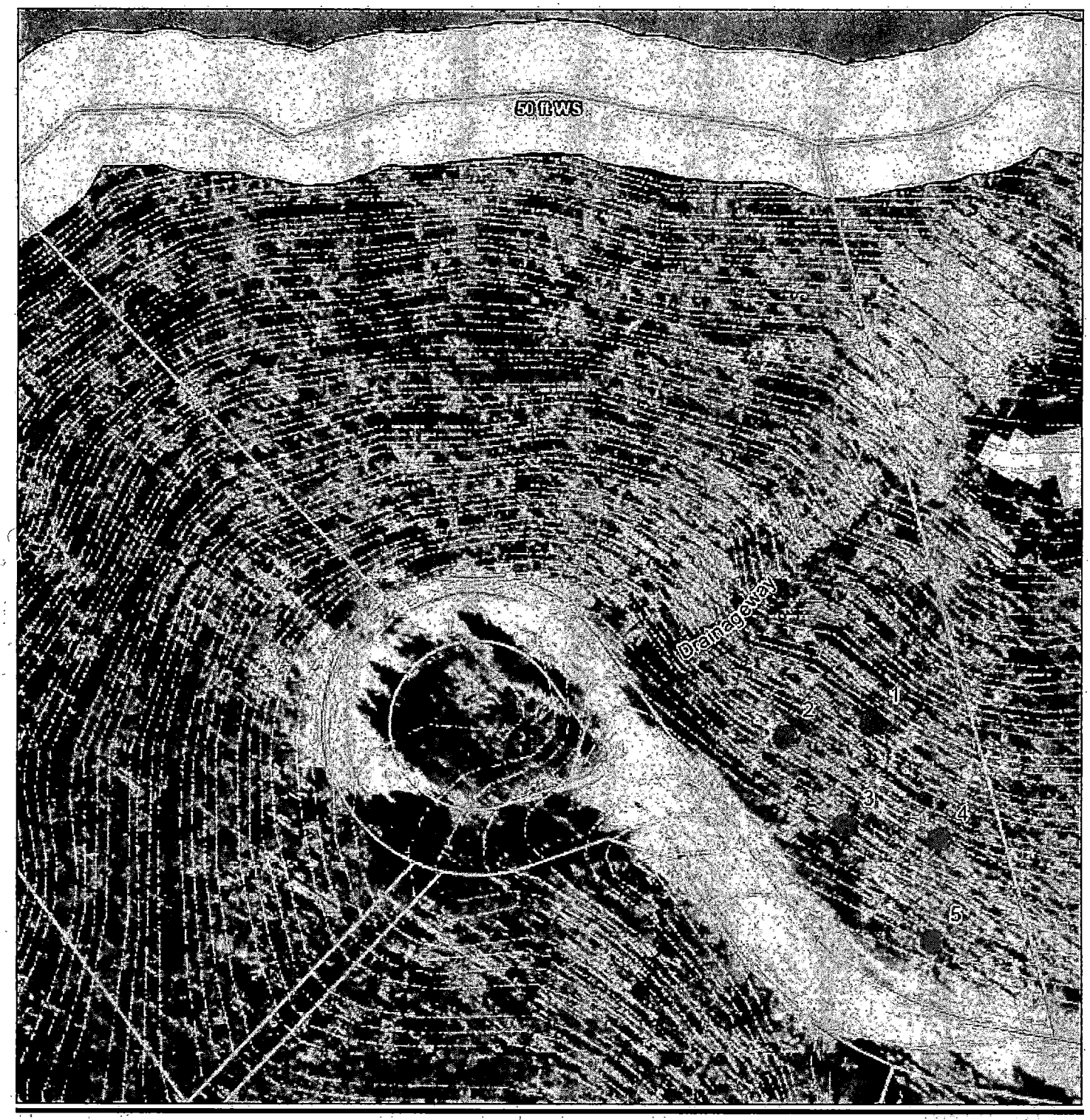
- 0 - 6%
- 6-14%
- 14-25%
- 25-35%
- 35% & Greater

Drain Field - Repair Area

Drain Field - Primary Area


~LAKE WYLIE~
S 32d33'4" E
65.19'
S 25d47'10" E
61.17'
S 14d32'36" E
39.84'
S 47d59'37" E
83.68'
S 35d1'4" E - 117.15'
S 18d14'37" E
70.43'
S 21d14'28" E - 101.22'
S 9d27'32" E
34.08'
LPIN found
@ 5.21' on line
S 69d59'55" E
LPIN found
21.15'
S 74d07'1" E
82.25'
Lower Lake Wylie Watershed Overlay District Critical Area
30' Lower Lake Wylie Watershed Overlay District Critical Area Limit
Additional Shoreline Buffer
50' Additional Shoreline Buffer Limit
Tree Save Area & Restricted Zone
100' Tree Save Area & Restricted Zone Limit
old dirt road
N 17d55'5" E - 438.06'
~LOT 61~
Area = 6.012 acres
(more or less)
by the coordinate method
Vacant Lot
Street No. 12541
LOT 59
LOT 60
LOT 62
LOT 63
COMMON OPEN SPACE
MARSH WREN COURT
50' Public R/W
Chord=N 19d59'34" W - 164.13'
Radius=115.00' Length=182.31'
Chord=S 28d59'54" E - 244.55'
Radius=225.00' Length=177.33'
N 29d59'54" E - 244.55'
S 45d01'41" W - 705.91' (calc)
N 19d59'34" W
56.57'
LPIN found
Bradawalk
fiber-optic pad
MB 42-521 (2004)
20' Setback
Curb cut
LPIN found
Notes:
1. Parcel may be subject to provisions recorded in Map Book 42-521 (Record Plat) & Deed Book 17953-774 (Restrictions).
2. MB 42-521 calls for a 10' Hard Surface Trail Easement that covers the concrete sidewalk along the street.
3. MB 42-521 calls for a 15' Soft Surface Trail Easement that may cover the "old dirt road".
4. MB 42-521 calls for a Maximum Impervious Cover limited to 12%.
5. MB 42-521 details the trees allowed within the Buffer zones along the lake.
6. DB 17953-774 Article X details several Easements that may affect this lot, including a 10' Utility & Drainage Easement along the street boundary and side lot lines.
7. The Flood Fringe District (Zone AE) runs along the lake boundary. See FEMA Flood Insurance Rate Map 3710158 3581 K (03/02/2009) for further information.
I certify that this map was drawn under my supervision from an actual survey made under my supervision (record description recorded in Deed Book or Map Book as shown) that the boundaries not surveyed are indicated as drawn from information in Deed Books and Map Books as shown; that the ratio of precision is better than 1:10,000; and that this map meets the requirements of the Standards of Practice for Land Surveying in North Carolina (21 NCAC 56.1600). This 4th day of December, 2012.
This survey does not benefit from a complete examination of title.
J. Martin Zoutewelle, PLS L-3485
Drawn on 24" x 36" Paper
NORTH CAROLINA
PROFESSIONAL
L-3485
LAND SURVEYOR
J. MARTIN ZOUTEWELLE
Graphic Scale 1" = 40'
0'
80'
120'
160'
200'
COPYRIGHT 2012
BOUNDARY SURVEY OF
LOT 61 of THE SANCTUARY Phase 1 Sheet 2
STEELE CREEK TWSP, MECKLENBURG COUNTY, N.C.
certified to:
BRIAN DORKO & GINA L. DORKO
Description Taken From Map Book 42, Page 521
Scale 1" = 40'
December 4, 2012
J. Martin Zoutewelle, PLS L-3485, Zoutewelle Land Surveyors, PC C-3754
1123 Shadowbrook Lane, Charlotte, NC 28211 704-810-3329

Soil & Site Evaluation Map



Map Created by: P. Mitchell
Date: 6/25/2024

PROPERTY INFO
Address: 12541 Marsh Wren Ct.
PID No.: 19937116

1 in = 100 ft

Mecklenburg County
Groundwater & Wastewater Services

Department of Health and Human Services
Environmental Health Section
On-site Water Protection Branch

Property ID: 19937116
Lot #: 61, The Sanctuary
File #: 5429B
AppID: 14732

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Joseph Robert Greentree
Applicant: Conor McSpadden (agent)
Address: 12541 Marsh Wren Ct.
Date Evaluated: 6/25/2024
Proposed Facility: 5 BR SFR
Design Flow (.0400): 600 GPD
Property Size: 6.01 ac.
Location of Site: See file
Property Recorded: After Jan. 1, 1983
Water Supply: [X] Public [ ] Single Family Well [ ] Spring [ ] Other:
Evaluation Method [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Domestic [ ] Industrial Process [ ] High Strength

PROFILE #	.0502 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .0503 Structure/ Texture	SOIL MORPHOLOGY .0503 Consistence/ Mineralogy	SOIL MORPHOLOGY Matrix Soil Color	PROFILE FACTORS .0504 Soil Wetness/ Color	PROFILE FACTORS .0505 Soil Depth (IN.)	PROFILE FACTORS .0506 Sapro Class	PROFILE FACTORS .0507 Restr Horiz	General Comments / Other	.0509 Profile Class & LTAR	.0502 Slope Correction (*Max Trench Depth Low Side*)
1	L ~26%	0 - 3	Gr, SL	VFr, SS, NP	RB	N/A	>48"	N/A	N/A	---	S 0.30	26" / 29"
		3 - 35	Mo, Sbk, C	Fr, SS, SP, SEXP	R							
		35 - 48	Mo-Wk, Sbk, CL	Fr, SS, SP	R							
2	Slight N / L ~24%	0 - 2	Gr, SL	VFr, NS, NP	RB	N/A	>48"	N/A	N/A	F: Sap. inclus. @ 27 - 35" C-M: Sap. inclus. @ 35"+	S 0.30	27" / 30"
		2 - 33	Mo, Sbk, C	Fi, SS, SP, SEXP	R							
		33 - 48	Wk, Sbk, CL	Fi - Fr, SS, SP	R							
3	L ~22%	0 - 6	Gr, SL	VFr, NS, NP	RB	N/A	>48"	N/A	N/A	F: Sap. inclus. @ 40"+	S 0.30	28" / 30"
		6 - 40	Mo, Sbk, C	Fr, SS, SP, SEXP	R							
		40 - 48	Wk, Sbk, CL	Fr, SS, SP	R							
4	L ~24%	0 - 5	Gr, SL	VFr, NS, NP	RB	N/A	>48"	N/A	N/A	F: Sap. Inclus. @ 42"+	S 0.30	27" / 30"
		5 - 42	Mo, Sbk, C	Fr, SS, SP, SEXP	R							
		42 - 48	Wk, Sbk, CL	Fr, SS, SP	R							
5	L ~22%	0 - 5	Gr, SL	VFr, NS, NP	RB	N/A	>48"	N/A	N/A	---	S 0.30	28" / 30"
		5 - 37	Mo, Sbk, C	Fr, SS, SP, SEXP	R							
		37 - 48	Mo-Wk, Sbk, CL	Fr, SS, SP	R							

Description	Initial System	Repair System
Available Space (.0508)	---	---
System Type(s)	---	---
Site LTAR	0.30	0.30
Maximum Trench Depth	36"	36"

Soil Evaluation By: P. Mitchell, REHS, LSS
Soil Classification (.0502 - .0507): S
Other(s) Present:
Site Classification (.0509): ---

COMMENTS:

FEE: 200.00
DATE: 12/20/2024

CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 5429B

PERMIT NUMBER: 30014732

PARCEL NUMBER: 19937116

JOB LOCATION INFORMATION

ADDRESS: 12541 MARSH WREN CT

CITY: CHARLOTTE **STATE: NC** **ZIP:** 28278

ISSUED TO: JOSEPH ROBERT GREENTREE

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 12/20/2024

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30014732, 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. A PRE-CONSTRUCTION MEETING MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A LICENSED SEPTIC TANK CONTRACTOR WITH THE NORTH CAROLINA ONSITE WASTEWATER CONTRACTOR INSPECTOR CERTIFICATION BOARD.

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, AND MAY BE ISSUED AT THE SAME TIME THE IMPROVEMENT PERMIT IS ISSUED.

Authorized Agent Signature _____

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: 30014732 GWS File #: 5429B Tax Parcel #: 199-371-16

- This 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. 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.

I. This Improvement Permit Shall: Expire in Five (5) Years **Expiration Date (If Applicable):** 12/20/2029

Type of Installation: Residential - New System Lot Number: 0

Structure Type: HOUSE Size (ft^2): 4224 # Bedrooms: 5 Max. Occup.: 10

Building Foundation: Concrete Slab Water Supply: Municipal

II. Initial System Type: Accepted **System Classification:** II b

Initial System Specifications:

Design Flow (gpd):	600	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	N/A
Trench Width (ft):	2	Trench Spacing (ft):	9	Absorption Area (ft^2):	1500	Total Trench Length (ft):	500
Maximum Trench Depth (in):	36	Depth of Media (in):	12	Distribution Device:	Distribution Box		

III. Repair System Type: PPBPS-H (gravity) **System Classification:** IIIe

Repair System Specifications:

Design Flow (gpd):	600	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	8	Absorption Area (ft^2):	1000	Total Trench Length (ft):	333
Maximum Trench Depth (in):	36	Depth of Media (in):	N/A	Distribution Device:	Distribution Box		

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until a Pre-Construction meeting has been completed by the Department.
- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: Braedon Shelton Owner/Legal Agent: Joseph Greentree
Print Name

Signature: Braedon Shelton Signature: Joseph Greentree

Date Issued: 12/20/2024

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3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
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ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: 30014732 GWS File #: 5429B

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- GRINDER PUMP AT HOUSE LOCATION, PUMPING UP TO A 1500 GALLON SETTLING TANK THEN TO 1500 GALLON SEPTIC TANK

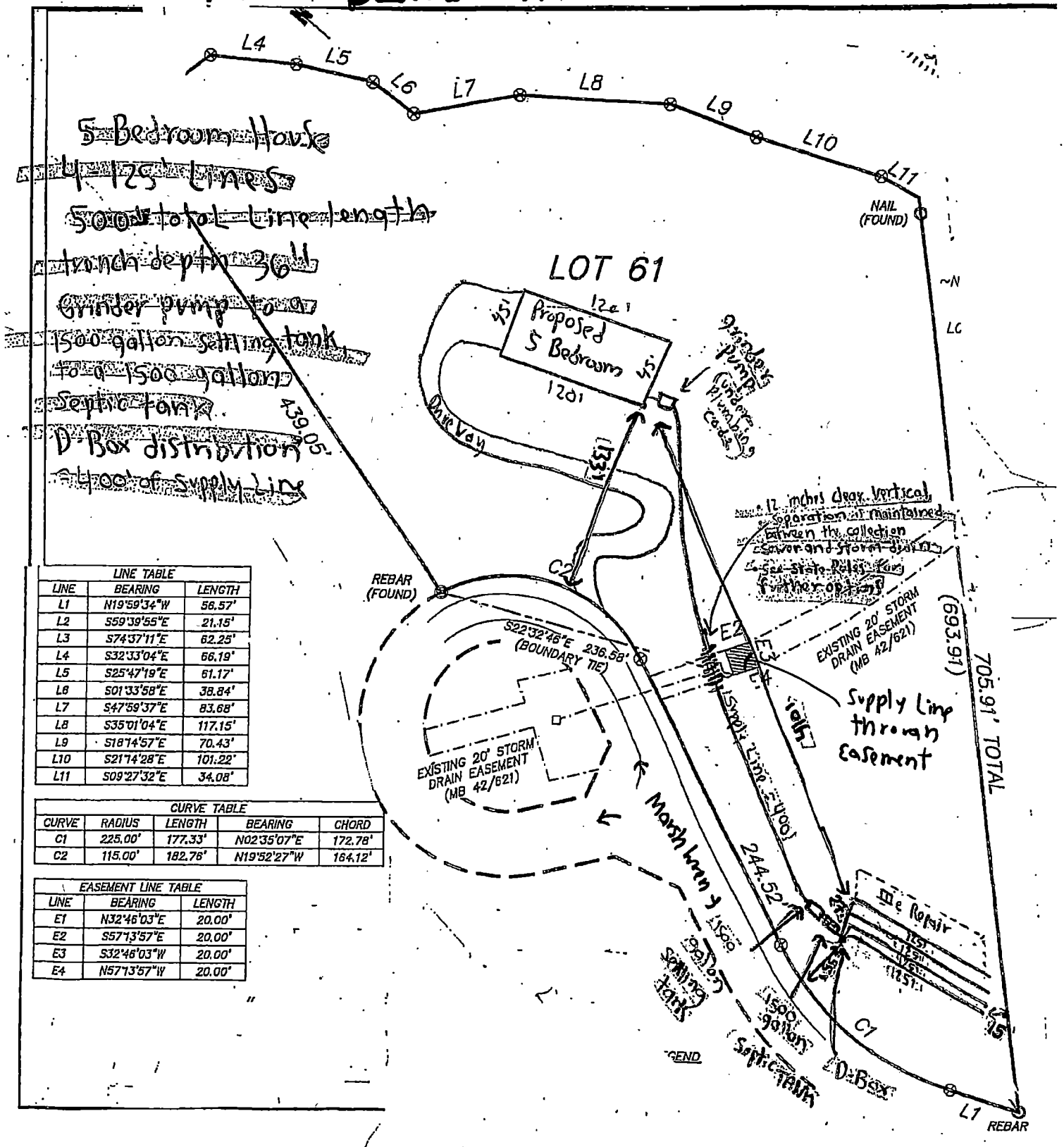
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Authorized Agent: Braedan Shelton
Signature: Braedan Shelton
Date Issued: 12/20/2024

Owner/Legal Agent: Joseph Greentree
Print Name
Signature: Joseph Greentree

SEPTIC DIAGRAM



LINE TABLE		
LINE	BEARING	LENGTH
L1	N19°59'34"W	56.57'
L2	S59°39'55"E	21.15'
L3	S74°37'11"E	62.25'
L4	S32°33'04"E	66.19'
L5	S25°47'19"E	61.17'
L6	S01°33'58"E	38.84'
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CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHORD
C1	225.00'	177.33'	N02°35'07"E	172.78'
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EASEMENT LINE TABLE		
LINE	BEARING	LENGTH
E1	N32°46'03"E	20.00'
E2	S57°13'57"E	20.00'
E3	S32°46'03"W	20.00'
E4	N57°13'57"W	20.00'

Mecklenburg County Health Department
Environmental Health - Groundwater and Wastewater Services

Permit # 14732
PID #: 19937116
File #: 5429B

Authorized Agent: Brandon Shelton Date: 12/20/24

Owner/ Legal Agent: Joseph Dunston Date: 1/5/2025

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30014732** GWS File #: **5429B** Tax Parcel #: **199-371-16**

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Repair System Specifications:

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Trench Width (ft):	3	Trench Spacing (ft):	8	Absorption Area (ft^2):	1000	Total Trench Length (ft):	333
Maximum Trench Depth (in):	36	Depth of Media (in):	N/A	Distribution Device:	Distribution Box		

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

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- No work shall be conducted on the septic system until a Pre-Construction meeting has been completed by the Department.
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- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: Braedon Shelton Owner/Legal Agent: _____
Print Name

Signature: Braedon Shelton Signature: _____

Date Issued: 12/20/2024

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

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IMPROVEMENT PERMIT for a RESIDENTIAL
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30014732** GWS File #: **5429B**

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- GRINDER PUMP AT HOUSE LOCATION, PUMPING UP TO A 1500 GALLON SETTLING TANK THEN TO 1500 GALLON SEPTIC TANK

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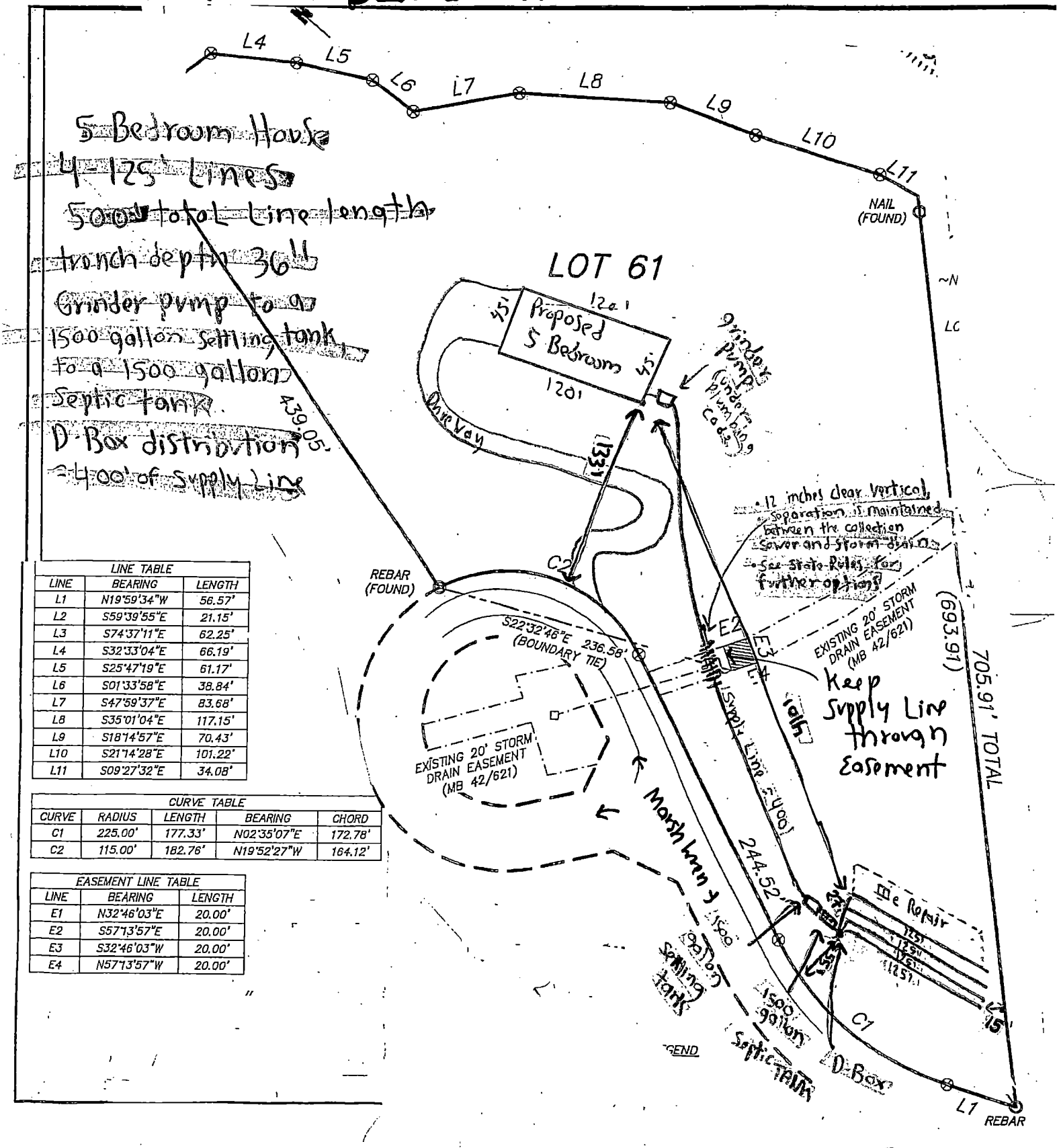
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Authorized Agent: Braedan Shelton Owner/Legal Agent:_____
Print Name

Signature: Braedan Shelton Signature:_____

Date Issued: 12/20/2024

SEPTIC DIAGRAM



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CURVE TABLE				
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Mecklenburg County Health Department
Environmental Health - Groundwater and Wastewater Services

Permit # 14732
PID #: 19937116
File #: 5429B

Authorized Agent: Brandi Shelton Date: 12/20/24

Owner/ Legal Agent: _____ Date: _____

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr. Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

Septic System Pre-Construction Meeting Checklist

File # 5429B App# 14732 Tax Parcel# 199 371 16

Property Owner: Joseph Greentree

Job Location Address: 12541 Marsh Wren Ct

City: Charlotte State: NC Zip Code: 28

1. Does System design match facility, flow & wastewater characteristics?

   ☒ YES ☐ NO

   Comments: _____

2. Is there sufficient available space for the septic systems initial and repair areas?

   ☒ YES ☐ NO

   Comments: _____

3. Can the septic system be installed per the permit conditions and drawing on file?

   ☒ YES ☐ NO

   Comments: Stay ≥ 50' off Well

*If "NO" is checked for any of the above the existing permit may need to be revoked.

Permission is hereby given to ☐ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge meeting all of the construction requirements of 15A NCAC 18A .1900 which are in effect on the date of granting this approval. **System shall not be installed while soils are in wet condition.**

Braedon Shelton — Authorized Agent

10/30/25 — Date

All Pro (Camron) — Others Present

Phone: (980) 314-1650 Fax: (704) 336-6894

On-Site Wastewater Section

OPERATION PERMIT for an
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 5429 B Permit #: 14732 Tax Parcel #: 199-371-16

Property Owner: Joseph Greentree

Job Location Address: 12541 Marsh Wren Ct

City: Charlotte State: NC Zip Code: 28278

Operation Permit Issuance Date: 11/7/25. Contractor Name: All pro Enviro

Permitted Design Flow: 600 GPD Liquid Capacity of Dosing Tank: — gallons

Liquid Capacity of Septic Tank: 1500 gallons Tank Manufacture Infiltrator Effluent Pump Model: _____

Drainfield Installation ☐ N/A 1500 Settling tank

Trench Depth: 36 inches (125', 125', 121', 129')

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 500 feet

# of Lines: 4 @ Varied feet Infiltrator

Depth of Media: 12 inches (Type) Quick-4

Depth of Cover: ≥6 inches

Distribution Device: Distribution Box

Bed Installation *(For Repair Installations ONLY.)* ☐ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source

☒ Municipal ☒ Private Well ☐ Community Well

☐ Other Irrigation

System Installation Setbacks

Distance from Building Foundation: ≥100 feet

Distance from Property Line: ≥10 feet

Distance from Water Supply Source: ≥50 feet

Inspection Dates

Tank(s) Inspected: 11/5/25

Excavation Inspected: 11/7/25

Pump & Controls Inspected: —

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)

* See attached for System Layout

The undersigned has inspected the Septic Tank System described above, and certifies it has been ☒ installed ☐ altered ☐ repaired ☒ as detailed in the plot above ☐ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. The issuance of this Operation Permit does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1900 in addition to those listed below under "Comments." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

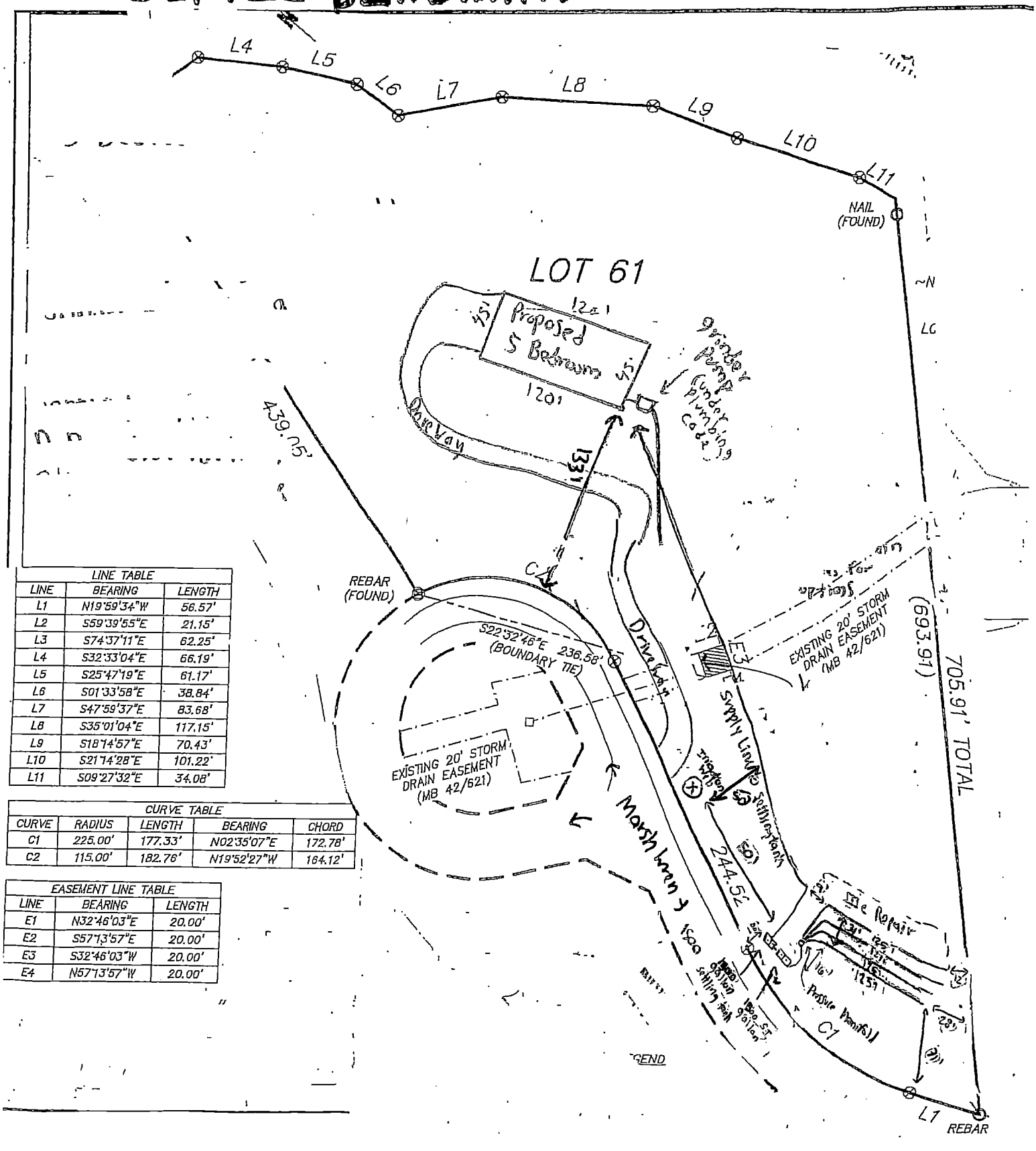
Notice: Disturbance of the designated repair area may result in the Suspension or Revocation of this permit.

Comments: System Classification & Type: IIIg, chm-36, 9, N/A, N/A

5-Bedroom System, grinder pump up to Settling tank to 25% Reduction System. 500' of Line.

DENR Authorized Agent: Braedon Shelton Signature: Braedon Shelton

SEPTIC DIAGRAM



LINE TABLE		
LINE	BEARING	LENGTH
L1	N19°59'34"W	56.57'
L2	S59°39'55"E	21.15'
L3	S74°37'11"E	62.25'
L4	S32°33'04"E	66.19'
L5	S25°47'19"E	61.17'
L6	S01°33'58"E	38.84'
L7	S47°59'37"E	83.68'
L8	S35°01'04"E	117.15'
L9	S18°14'57"E	70.43'
L10	S21°14'28"E	101.22'
L11	S09°27'32"E	34.08'

CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHORD
C1	225.00'	177.33'	N02°35'07"E	172.78'
C2	115.00'	182.76'	N19°52'27"W	164.12'

EASEMENT LINE TABLE		
LINE	BEARING	LENGTH
E1	N32°46'03"E	20.00'
E2	S57°13'57"E	20.00'
E3	S32°46'03"W	20.00'
E4	N57°13'57"W	20.00'

Mecklenburg County Health Department
Environmental Health - Groundwater and Wastewater Services

Permit # 14732
PID #: 19937516
File #: 5429B

Authorized Agent: Brad Shelton Date

Owner/ Legal Agent: _____ Date: _____

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 5429B Permit #: 14732 Tax Parcel #: 199-371-16

Property Owner: Joseph Green tree

Job Location Address: 12541 Marsh brren ct

City: Charlotte State: NC Zip Code: 28273

OPERATION PERMIT CONDITIONS:

I. Performance: System shall perform in accordance with 15A NCAC 18A .1961.

II. Monitoring: System shall be monitored as required by 15A NCAC 18A .1961.

III. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

IV. Operation: System shall be operated in accordance with 15A NCAC 18A .1961.

System Classification: IIIg chm-36

*Operation Permits for Type V and VI systems expire five (5) years from the date of issuance (in accordance with Table V(a)). The system owner must contact GWS six (6) months prior to expiration for permit renewal.

Subsurface system operator required: Yes ☐ No ☒

☐ This type of system requires the system owner to maintain a contract with a certified operator to perform system inspection, maintenance, and reporting as required in 15A NCAC 18A .1961. and Table V(a). The system owner is responsible for all fees associated with these services.

☒ System does not require inspection by GWS on a routine frequency.

☐ System requires inspection by GWS once every five (5) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every three (3) years. The system owner is responsible for all fees associated with the inspection.

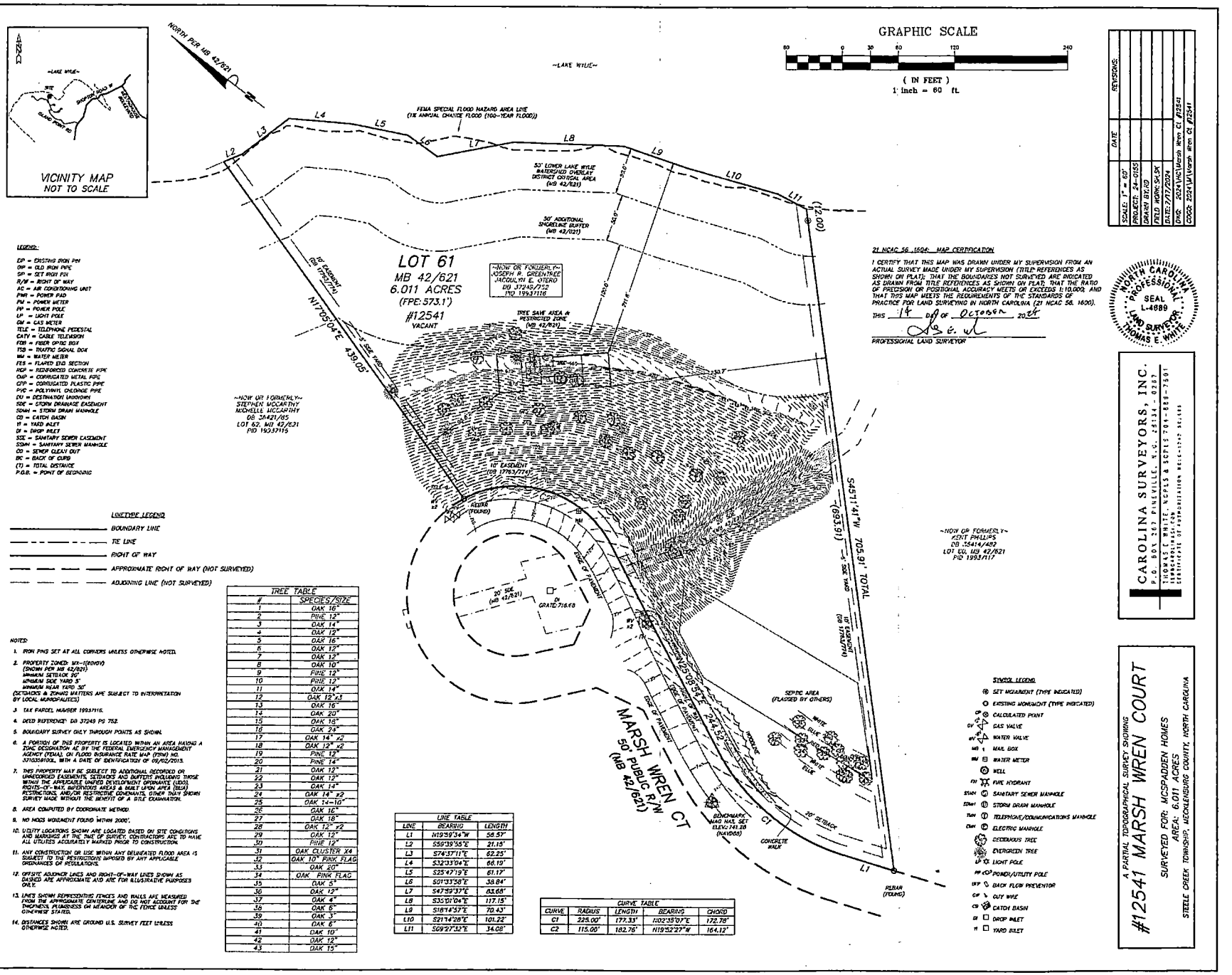
☐ System requires inspection by GWS once every twelve (12) months. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every six (6) months. The system owner is responsible for all fees associated with the inspection.

V. Other: 5 Bedroom System

DENR Authorized Agent: Braedon Shelton Date: 11/20/25

Signature: Braedon Shelton



VICINITY MAP
NOT TO SCALE

LEGEND:

EIP = EXISTING IRON PIN
OIP = OLD IRON PIPE
SIP = SET IRON PIN
R/W = RIGHT OF WAY
AC = AIR CONDITIONING UNIT
PWR = POWER POLE
PM = POWER METER
PP = POWER POLE
LP = LIGHT POLE
GM = GAS METER
TELE = TELEPHONE PEDESTAL
CATV = CABLE TELEVISION
FOBT = FIBER OPTIC BOX
TSB = TRAFFIC SIGNAL BOX
WM = WATER METER
FES = FLARED END SECTION
RCP = REINFORCED CONCRETE PIPE
CMP = CORRUGATED METAL PIPE
CPP = CORRUGATED PLASTIC PIPE
PVC = POLYVINYL CHLORIDE PIPE
DU = DESTINATION UNKNOWN
SDE = STORM DRAINAGE EASEMENT
SDMH = STORM DRAIN MANHOLE
CB = CATCH BASIN
YI = YARD INLET
DI = DROP INLET
SSE = SANITARY SEWER EASEMENT
SSMH = SANITARY SEWER MANHOLE
CO = SEWER CLEAN OUT
BC = BACK OF CURB
(T) = TOTAL DISTANCE
P.O.B. = POINT OF BEGINNING

LINETYPE LEGEND

BOUNDARY LINE
TIE LINE
RIGHT OF WAY
APPROXIMATE RIGHT OF WAY (NOT SURVEYED)
ADJOINING LINE (NOT SURVEYED)

NOTES:

1. IRON PINS SET AT ALL CORNERS UNLESS OTHERWISE NOTED.
2. PROPERTY ZONED: MX-1(RONIV) (SHOWN PER MB 42/621)
   MINIMUM SETBACK: 20'
   MINIMUM SIDE YARD 5'
   MINIMUM REAR YARD 30'
   (SETBACKS & ZONING MATTERS ARE SUBJECT TO INTERPRETATION BY LOCAL MUNICIPALITIES)
3. TAX PARCEL NUMBER 19937115.
4. DEED REFERENCE: DB 37249 PG 752.
5. BOUNDARY SURVEY ONLY THROUGH POINTS AS SHOWN.
6. A PORTION OF THIS PROPERTY IS LOCATED WITHIN AN AREA HAVING A ZONE DESIGNATION AE BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), ON FLOOD INSURANCE RATE MAP (FIRM) NO. 3710358100L, WITH A DATE OF IDENTIFICATION OF 09/02/2015.
7. THIS PROPERTY MAY BE SUBJECT TO ADDITIONAL RECORDED OR UNRECORDED EASEMENTS, SETBACKS AND BUFFERS INCLUDING THOSE WITHIN THE APPLICABLE UNIFIED DEVELOPMENT ORDINANCE (UDO). RIGHTS-OF-WAY, SUPERVISORS AREAS & MUST UPON AREA (RUA) RESTRICTIONS, AND/OR RESTRICTIVE COVENANTS, OTHER THAN SHOWN SURVEY MADE WITHOUT THE BENEFIT OF A TITLE EXAMINATION.
8. AREA COMPUTED BY COORDINATE METHOD.
9. NO NGS MONUMENT FOUND WITHIN 2000'.
10. UTILITY LOCATIONS SHOWN ARE LOCATED BASED ON SITE CONDITIONS AND MARKINGS AT THE TIME OF SURVEY. CONTRACTORS ARE TO MAKE ALL UTILITIES ACCURATELY MARKED PRIOR TO CONSTRUCTION.
11. ANY CONSTRUCTION OR USE WITHIN ANY DELINEATED FLOOD AREA IS SUBJECT TO THE RESTRICTIONS IMPOSED BY ANY APPLICABLE ORDINANCES OR REGULATIONS.
12. OFF-SITE ADJOINER LINES AND RIGHT-OF-WAY LINES SHOWN AS DASHED ARE APPROXIMATE AND ARE FOR ILLUSTRATIVE PURPOSES ONLY.
13. LINES SHOWN REPRESENTING FENCES AND WALLS ARE MEASURED FROM THE APPROXIMATE CENTERLINE AND DO NOT ACCOUNT FOR THE THICKNESS, PLUMBNESS OR MEANDER OF THE FENCE UNLESS OTHERWISE STATED.
14. DISTANCES SHOWN ARE GROUND U.S. SURVEY FEET UNLESS OTHERWISE NOTED.

TREE TABLE

#	SPECIES/SIZE
1	OAK 16"
2	PINE 12"
3	OAK 14"
4	OAK 12"
5	OAK 16"
6	OAK 12"
7	OAK 12"
8	OAK 10"
9	PINE 12"
10	PINE 12"
11	OAK 14"
12	OAK 12" x3
13	OAK 16"
14	OAK 20"
15	OAK 18"
16	OAK 24"
17	OAK 14" x2
18	OAK 12" x2
19	PINE 12"
20	PINE 14"
21	OAK 12"
22	OAK 12"
23	OAK 14"
24	OAK 14" x2
25	OAK 14-16"
26	OAK 16"
27	OAK 18"
28	OAK 12" x2
29	OAK 12"
30	PINE 12"
31	OAK CLUSTER X4
32	OAK 10" PINK FLAG
33	OAK 20"
34	OAK PINK FLAG
35	OAK 5"
36	OAK 12"
37	OAK 4"
38	OAK 6"
39	OAK 3"
40	OAK 6"
41	OAK 10"
42	OAK 12"
43	OAK 15"

LINE TABLE

LINE	BEARING	LENGTH
L1	N19°59'34"W	58.57'
L2	S56°19'55"E	21.18'
L3	S74°37'11"E	62.25'
L4	S32°33'04"E	66.19'
L5	S25°47'19"E	61.17'
L6	S01°33'50"E	38.84'
L7	S47°59'37"E	83.68'
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L11	S09°27'32"E	34.08'

CURVE TABLE

CURVE	RADIUS	LENGTH	BEARING	CHORD
C1	225.00'	177.33'	N02°35'07"E	172.78'
C2	115.00'	182.76'	N19°52'27"W	164.12'

21 NCAC 56 .1604: MAP CERTIFICATION

I CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (TITLE REFERENCES AS SHOWN ON PLAT); THAT THE BOUNDARIES NOT SURVEYED ARE INDICATED AS DRAWN FROM TITLE REFERENCES AS SHOWN ON PLAT; THAT THE RATIO OF PRECISION OR POSITIONAL ACCURACY MEETS OR EXCEEDS 1:10,000; AND THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56. 1600).

THIS 14 DAY OF OCTOBER 2024

PROFESSIONAL LAND SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-4889 LAND SURVEYOR THOMAS E. WHITE

REVISIONS:	DATE

SCALE: 1" = 60'
PROJECT: 24-0135
DRAWN BY: RD
FIELD WORK: SV, SK
DATE: 7/17/2024
DWG: 2024\NC\Marsh Wren Ct #12541
COGO: 2024\SP\Marsh Wren Ct #12541

CAROLINA SURVEYORS, INC.
P.O. BOX 263 PINEVILLE, N.C. 28134 - 0263
THOMAS E. WHITE, NCPLS & SCPLS 704-889-7501
LICENSED TO PRACTICE SURVEYING IN NORTH CAROLINA
ESTABLISHED AS CORPORATION NC(C-1295) SC(68)

#12541 MARSH WREN COURT

A PARTIAL TOPOGRAPHICAL SURVEY SHOWING

SURVEYED FOR: MCSPADDEN HOMES

AREA: 6.011 ACRES

STEELE CREEK TOWNSHIP, MECKLENBURG COUNTY, NORTH CAROLINA

SYMBOL LEGEND

- SET MONUMENT (TYPE INDICATED)
- EXISTING MONUMENT (TYPE INDICATED)
- CALCULATED POINT
- GV GAS VALVE
- WV WATER VALVE
- MB MAIL BOX
- WM WATER METER
- WELL
- FH FIRE HYDRANT
- SSMH SANITARY SEWER MANHOLE
- SDMH STORM DRAIN MANHOLE
- TMH TELEPHONE/COMMUNICATIONS MANHOLE
- EMH ELECTRIC MANHOLE
- DECIDUOUS TREE
- EVERGREEN TREE
- LP LIGHT POLE
- PP POWER/UTILITY POLE
- BFP BACK FLOW PREVENTOR
- GW GUY WIRE
- CB CATCH BASIN
- DI DROP INLET
- YI YARD INLET

FOR REGISTRATION
Fredrick Smith
REGISTER OF DEEDS
Mecklenburg County, NC
2024 AUG 01 02:20:53 PM
BK:38982 PG:164-167
FEE:$26.00
INSTRUMENT # 2024072238
TAYLORD

2024072238

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

SEPTIC SYSTEM EASEMENT AGREEMENT

This EASEMENT made this 19 day of July, 2024, by and between

GRANTOR	GRANTEE
The Sanctuary At Lake Wylie Property Owners Association Inc., A North Carolina Non-Profit Corp.	Joseph Greentree and Jaqulyn Greentree 12541 Marsh Wren CT. Charlotte N.C. 28278

Enter in appropriate block for each party: name, address, and, if appropriate, character or entity, e.g., corporation or partnership.

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee an easement as hereinafter described, to run with the land upon that certain lot or parcel of land owned by Grantor and located in the city of _____, Steele Creek Township, Mecklenburg County, North Carolina, and more particularly described as follows:

This instrument was prepared by: McSpadden homes

Mail after recording to: 548 Nautical Dr. Ste. 201 Lake Wylie S.C. 29710

Mecklenburg Tax Parcel No. 19937116 as shown on a page of the County Tax Map attached hereto as Exhibit A
Lot 61 Block N/A of The Sanctuary Phase 1 recorded In Map Book 42 Page 621 (if applicable)

See the plat attached hereto as Exhibit B and the parcel shown thereon identified with Grantor's name for the legal description of Grantor's parcel and of the Septic System Easement Area located thereon, said parcel labeled threon and hereinafter referred to as the "Easement Parcel."

Grantor hereby imposes said easement for the benefit of Grantee as the present owner and for the benefit of future owners of the following lot or parcel of land, situated in the City of _____, Steele Creek Township, Mecklenburg County, North Carolina, and more particularly described as follows:

Mecklenburg Tax Parcel No. 19937116 as shown on a page of the County Tax Map attached hereto as Exhibit A
Lot 61 Block _____ of The Sanctuary Phase 1 recorded In Map Book 42 Page 621 (if applicable)

See the plat attached hereto as Exhibit B and the parcel shown thereon identified with Grantee's name for the legal description of Grantee's parcel, said parcel labeled thereon and hereinafter referred to as the "Benefited Parcel."

Said Easement shall enable the Grantee to place, if, as and when needed, such need to be determined by the Grantee in his sole discretion, a septic tank and drain field or portions thereof, upon the Septic System Easement Area on the Easement Parcel and to inspect, maintain, repair and replace components of said septic system at any time and from time to time. If the Easement Area also includes a connector strip for ingress and egress, Grantee shall have the right to use said connector strip for access as needed. *This Easement may not be altered, amended or cancelled without the express written permission of the Mecklenburg County Health Department, which written permission must be part of any document recorded to alter, amend or cancel this Easement.* This Easement shall automatically expire, however, should Grantee ever hook up the structure located or to be located on the Benefited Parcel to a public or community sanitary sewage system but shall otherwise be perpetual.

Grantor acknowledges that the Septic Tank System Easement Area cannot be used and will not be used for any of the following activities or in any of the following ways:

- Grading or filling
- Parking or driving heavy equipment in the area or in any other way compacting the soil in the Area
- Excavating soil from the Area
- Placing footings or foundations or engaging in any other construction activity in the Area
- Placing in-ground or above-ground swimming pools in the Area
- Placing irrigation systems in the Area

- Placing underground utility lines or cables in the Area
- Planting trees or gardens in the Area
- Removing any large trees in the Area unless dead or diseased
- Using the Area for the burial of stumps, trash, or any other type of construction material
- Using the Area for gravesites
- Diverting the natural flow of water onto the Area by way of drainage ditches or diversion ditches or using the Area to receive water from any gutter or downspout discharges

IN WITNESS WHEREOF, the Grantor and Grantee have hereunto set their hands and seals, or if corporate, have caused this instrument to be signed in their corporate names by their duly authorized officers and their seals to be hereunto affixed by authority of their Boards of Directors, the day and year first above written.

The Sanctuary at Lake Wylie Property Owners Association, Inc. **GRANTOR**

_____ (SEAL)
(Corporate Name)

BY: _____ _____ (SEAL)
Andrea Uhlir President

ATTEST: Kieley J. Wilson _____ (SEAL)

_____ _____ (SEAL)
_____ Secretary (Corporate Seal)

SEAL-STAMP

North Carolina, Mecklenburg County

I, Kieley J. Wilson, a Notary Public of the County and State aforesaid, certify that Andrea Uhlir, Grantor, personally appeared before me this day and acknowledged the execution of the foregoing instrument. WITNESS my hand and official stamp or seal, this 19 day of July, 20 24.

KIELEY J. WILSON
NOTARY PUBLIC
Mecklenburg County, North Carolina
My Commission Expires February 9, 2028

My Commission Expires: February 9, 2028 Kieley J. Wilson
(Notary Public)

SEAL-STAMP North Carolina, _____ County

I, _____, a Notary Public of the County and State aforesaid, certify that _____ personally came before me this day and acknowledged the ___he is _____ Secretary of _____, a corporation, and that by authority duly given and as the act of the corporation, the foregoing instrument was signed in its name by its _____ President, sealed with its corporate seal, and attested by _____ as its _____ Secretary. WITNESS my hand and official stamp or seal, this _____ day of _____, 20_____.

My Commission Expires: _____ _____
(Notary Public)

GRANTEE

_____ _____ (SEAL)
(Corporate Name)

BY: _____ Joseph Greentree (SEAL)
_____ President

ATTEST: _____ (SEAL)

_____ _____ (SEAL)
_____ Secretary (Corporate Seal)

SEAL-STAMP South ~~North~~ Carolina, York County

I, Katrina Thomas, a Notary Public of the County and State aforesaid, certify that Joseph Greentree Grantee, personally appeared before me this day and acknowledged the execution of the foregoing instrument. WITNESS my hand and official stamp or seal, this 15th day of July, 2024.

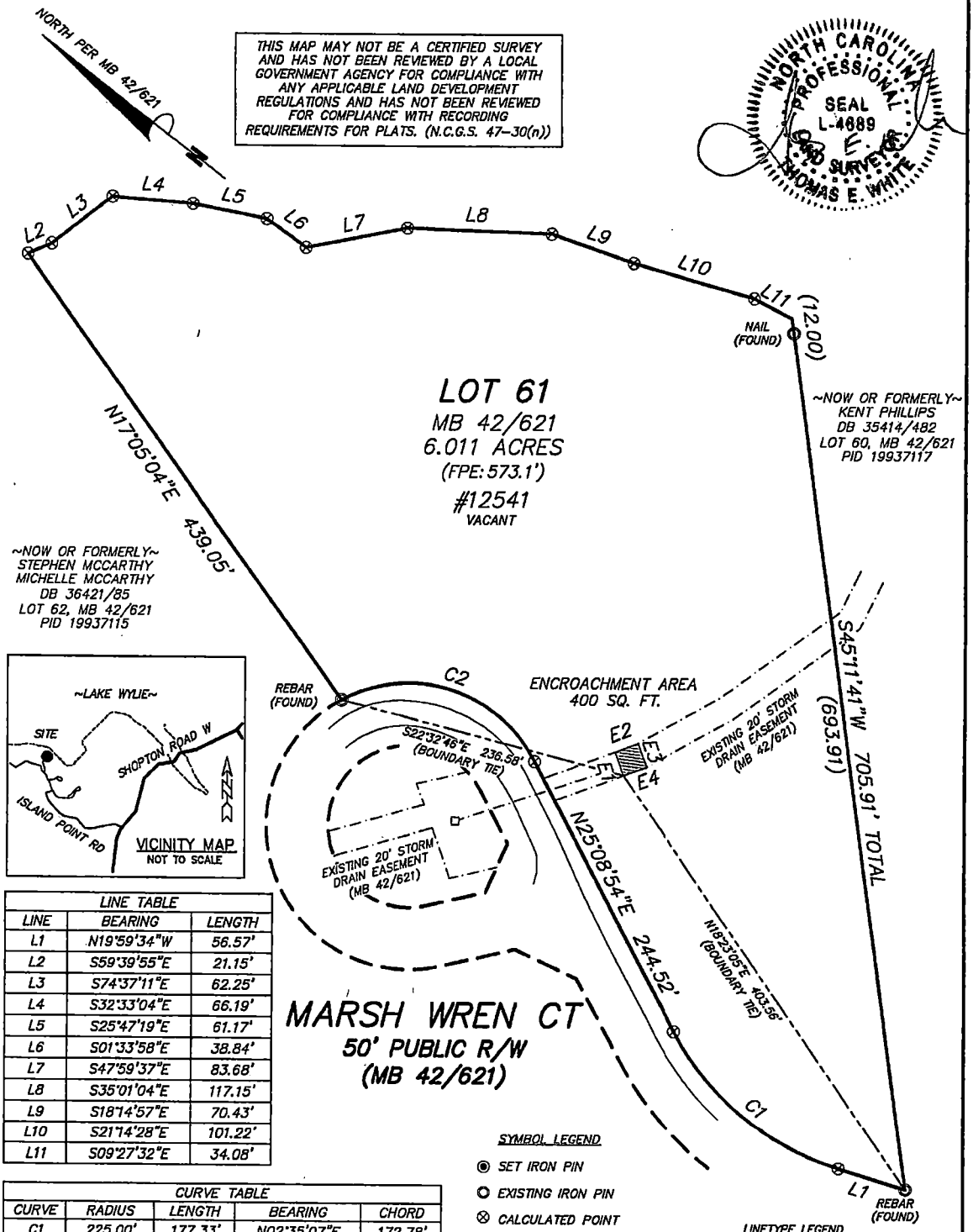
My Commission Expires: June 15, 2030 K Thomas
(Notary Public)

KATRINA THOMAS NOTARY PUBLIC My Comm. Exp. Jun 15, 2030 STATE OF SOUTH CAROLINA

THIS IS TO CERTIFY THAT THIS EXHIBIT WAS PREPARED UNDER MY SUPERVISION AND THAT THE EXHIBIT WAS PREPARED FOR THE PURPOSE OF ACQUISITION OF EASEMENTS ONLY, AND IS NOT INTENDED TO BE A BOUNDARY SURVEY OF PROPERTY SHOWN.
DATE OF EXHIBIT SEPTEMBER, 17th 2024

THIS MAP MAY NOT BE A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS AND HAS NOT BEEN REVIEWED FOR COMPLIANCE WITH RECORDING REQUIREMENTS FOR PLATS. (N.C.G.S. 47-30(n))

NORTH CAROLINA PROFESSIONAL SEAL L-4689 LAND SURVEYOR THOMAS E. WHITE



LINE TABLE		
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SYMBOL LEGEND
- SET IRON PIN
- EXISTING IRON PIN
- CALCULATED POINT

LINETYPE LEGEND
- BOUNDARY LINE
- TIE LINE
- RIGHT OF WAY
- APPROXIMATE RIGHT OF WAY (NOT SURVEYED)
- ADJOINING LINE (NOT SURVEYED)

ENCROACHMENT EXHIBIT ONLY OF

SCALE 1"=100'

#12541 MARSH WREN COURT
STEELE CREEK TOWNSHIP, MECKLENBURG COUNTY, NORTH CAROLINA
JOSEPH ROBERT GREENTREE & JACQULYN ELIZABETH OTERO

SURVEYED FOR

MAP BOOK 42 PAGE 621 DEED BOOK PAGE
DRAWN BY MM FIELD WORK FIELD BOOK #

CAROLINA SURVEYORS, INC
P.O. BOX 267
PINEVILLE, N.C. 28134
(704) 889-7601
FAX: (704) 889-7614
CERTIFICATE OF AUTHORIZATION
NC: C-1242 SC: 886

CARLSON\2024\HC\Marsh Wren Ct #12541
2024\M\Marsh Wren Ct #12541
PROJECT: 24-0155

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 McSpadden Homes is acting as my legal representative (agent) in the submittal of the application for a water supply well or septic permit located at

12541 Marsh Wren Ct, Charlotte
Number Street Town
(Or Parcel Number)

JOSEPH GREENTREE
Property Owner (print name)

Property Owner (signature)

6/10/24
Date

Surface waters classified WS-I, WS-II, WS-III, B, SA, or SB, from mean high-water mark or ordinary high-water mark	10, if constructed of or sleeved in Schedule 80 PVC or DIP with mechanical joints equivalent to water main standards, and the collection sewer is leak tested and shown to be watertight*
Any other stream, non-water supply spring, or other surface waters, from the ordinary high-water mark	10
Tidal influenced waters, such as marshes and coastal waters, from mean high-water mark	10
Closed loop geothermal wells	5
Any service connection as defined in 15A NCAC 18C .0102(c)(21)	5
Any basement, cellar, or in-ground swimming pool	10
Top of slope of embankment or cuts of two feet or more vertical height with a slope greater than 50 percent	5
Interceptor drains and surface water diversions, with a vertical cut of more than two feet as measured on the ground surface from the edge of the diversion	5
Permanent stormwater retention basin, from normal water level	10
Bio-retention area, injection well, infiltration system, or dry pond	5
Any other dispersal field, except designated dispersal field repair area for project site	5
Any property line	5
Burial plot or graveyard boundary	5

*Pipe materials other than DIP, Schedule 40 pressure rated PVC, or Schedule 80 PVC shall be acceptable when the materials conform to materials, testing methods, and acceptability standards meeting water main standards and when the line has been designed, installed, inspected, and certified by a PE and approved by the LHD.

(l) The minimum setback from water lines to collection sewers shall be 10 feet, except as follows:

(1) the water line is laid in a separate trench with the elevation of the bottom of the water line 18 inches above the top of the collection sewer; or

(2) the water line is laid in the same trench as the collection sewer with the water line located on one side of the trench, on a bench of undisturbed earth and with the elevation of the bottom of the water line 18 inches above the top of the collection sewer. The collection sewer shall be located the width of the trench from the water line.

(m) Collection sewers and water lines shall not cross, except as follows:

(1) 18 inches clear vertical separation is maintained, with the collection sewer crossing under the water line; or

(2) the water line crosses under the collection sewer or 18 inches clear vertical separation is not maintained and the following criteria are met:

(A) the collection sewer is constructed of DIP with joints equivalent to water main standards and extends 10 feet on each side of the point of crossing, with full sections of pipe centered at the point of crossing; and

(B) the water line is constructed of ferrous materials with joints equivalent to water main standards and extends a minimum of 10 feet on each side of the point of crossing, with full sections of pipe centered at the point of crossing.

(n) Collection sewers shall not cross storm drains, except as follows:

(1) 12 inches clear vertical separation is maintained between the collection sewer and storm drain;

(2) the collection sewer is constructed of DIP with mechanical joints or restrained push-on joints equal to water main standards; or

(3) the collection sewer is encased in concrete or DIP for a minimum of five feet on either side of the crossing.

(o) Collection sewers shall not cross under a stream, except as follows:

(1) a minimum of 36 inches of separation from the stream bottom is maintained;

(2) the collection sewer is constructed of DIP with mechanical joints or restrained push-on joints equal to water main standards; or

(3) the collection sewer is encased in concrete or DIP for a minimum of 10 feet on either side of the crossing and protected against the normal range of high and low water conditions, including the 100-year flood or wave action.

(p) Collection sewer aerial crossings shall be constructed of DIP with mechanical joints or restrained push-on joints equal to water main standards and freeze protected. Pipe shall be anchored for a minimum of 10 feet on either side of the crossing.

Surface waters classified WS-I, WS-II, WS-III, B, SA, or SB, from mean high-water mark or ordinary high-water mark	10, if constructed of or sleeved in Schedule 80 PVC or DIP with mechanical joints equivalent to water main standards, and the collection sewer is leak tested and shown to be watertight*
Any other stream, non-water supply spring, or other surface waters, from the ordinary high-water mark	10
Tidal influenced waters, such as marshes and coastal waters, from mean high-water mark	10
Closed loop geothermal wells	5
Any service connection as defined in 15A NCAC 18C .0102(c)(21)	5
Any basement, cellar, or in-ground swimming pool	10
Top of slope of embankment or cuts of two feet or more vertical height with a slope greater than 50 percent	5
Interceptor drains and surface water diversions, with a vertical cut of more than two feet as measured on the ground surface from the edge of the diversion	5
Permanent stormwater retention basin, from normal water level	10
Bio-retention area, injection well, infiltration system, or dry pond	5
Any other dispersal field, except designated dispersal field repair area for project site	5
Any property line	5
Burial plot or graveyard boundary	5

*Pipe materials other than DIP, Schedule 40 pressure rated PVC, or Schedule 80 PVC shall be acceptable when the materials conform to materials, testing methods, and acceptability standards meeting water main standards and when the line has been designed, installed, inspected, and certified by a PE and approved by the LHD.

(l) The minimum setback from water lines to collection sewers shall be 10 feet, except as follows:
- (1) the water line is laid in a separate trench with the elevation of the bottom of the water line 18 inches above the top of the collection sewer; or
- (2) the water line is laid in the same trench as the collection sewer with the water line located on one side of the trench, on a bench of undisturbed earth and with the elevation of the bottom of the water line 18 inches above the top of the collection sewer. The collection sewer shall be located the width of the trench from the water line.

(m) Collection sewers and water lines shall not cross, except as follows:
- (1) 18 inches clear vertical separation is maintained, with the collection sewer crossing under the water line; or
- (2) the water line crosses under the collection sewer or 18 inches clear vertical separation is not maintained and the following criteria are met:
  - (A) the collection sewer is constructed of DIP with joints equivalent to water main standards and extends 10 feet on each side of the point of crossing, with full sections of pipe centered at the point of crossing; and
  - (B) the water line is constructed of ferrous materials with joints equivalent to water main standards and extends a minimum of 10 feet on each side of the point of crossing, with full sections of pipe centered at the point of crossing.

(n) Collection sewers shall not cross storm drains, except as follows:
- (1) 12 inches clear vertical separation is maintained between the collection sewer and storm drain;
- (2) the collection sewer is constructed of DIP with mechanical joints or restrained push-on joints equal to water main standards; or
- (3) the collection sewer is encased in concrete or DIP for a minimum of five feet on either side of the crossing.

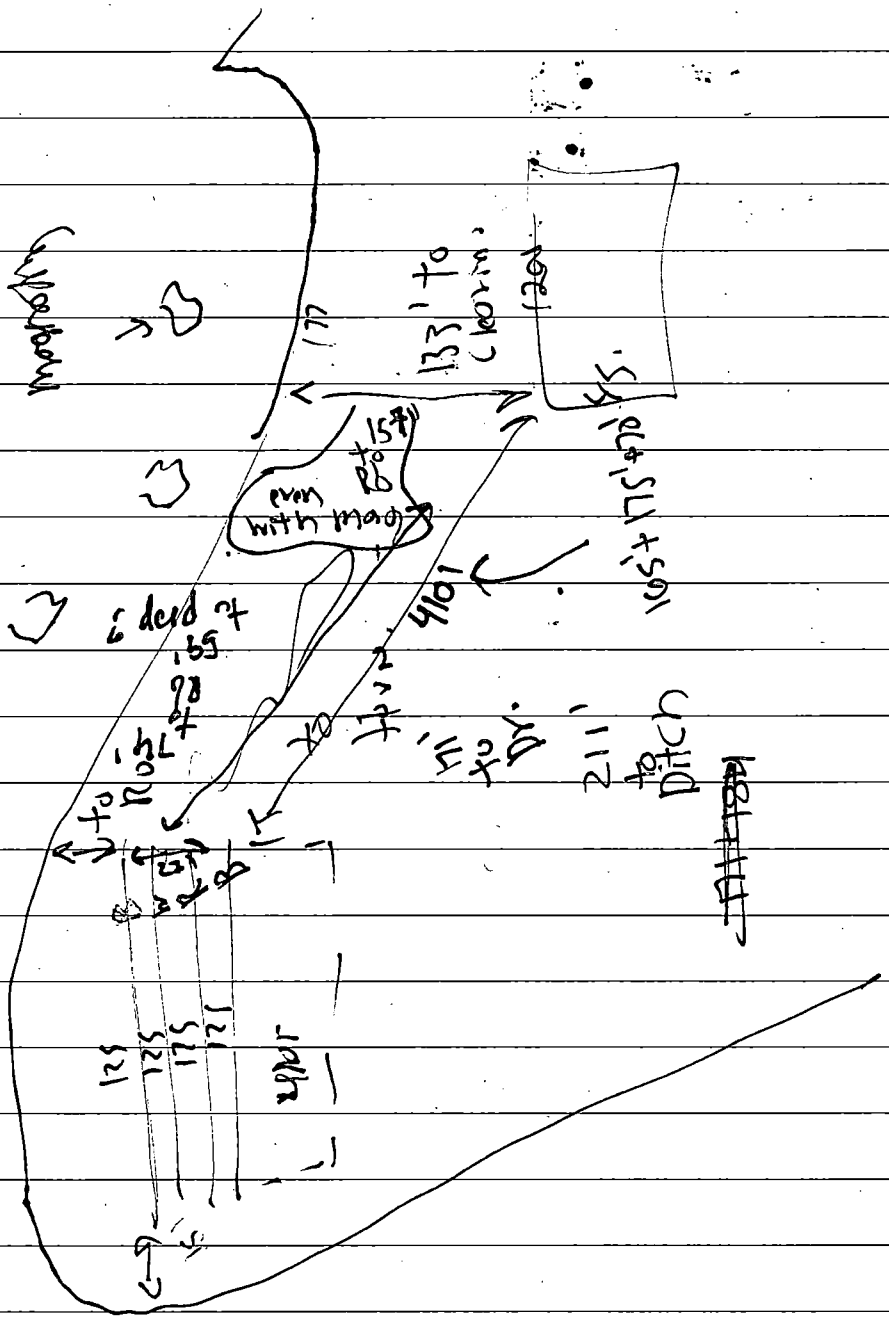
(o) Collection sewers shall not cross under a stream, except as follows:
- (1) a minimum of 36 inches of separation from the stream bottom is maintained;
- (2) the collection sewer is constructed of DIP with mechanical joints or restrained push-on joints equal to water main standards; or
- (3) the collection sewer is encased in concrete or DIP for a minimum of 10 feet on either side of the crossing and protected against the normal range of high and low water conditions, including the 100-year flood or wave action.

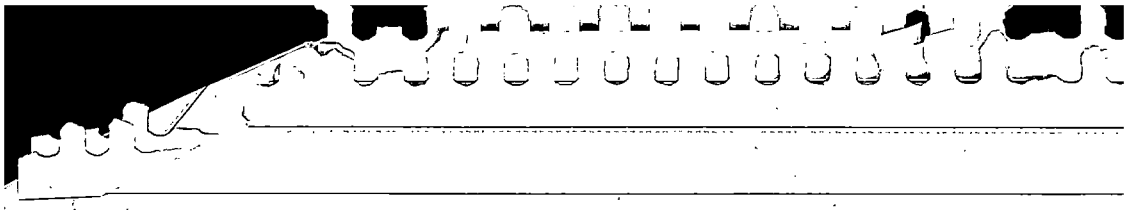
(p) Collection sewer aerial crossings shall be constructed of DIP with mechanical joints or restrained push-on joints equal to water main standards and freeze protected. Pipe shall be anchored for a minimum of 10 feet on either side of the crossing.

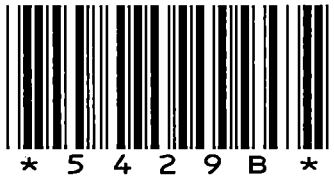
12/20

500^ 4-125's Accepted initial

PPBPS Repair 363'







12541 MARSH WREN CT

19937116

1/8/2008

duponbj

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

CONDITIONS OF IMPROVEMENT PERMIT

Permit Number: **5429B**

Tax Number: **199-371-03**

- The IMPROVEMNET 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:

0.3 Long-term acceptance rate (GPD/ft^2)	**600** Max gallons/day wastewater flow	**1500** Absorption Area (ft^2)	**9** Trench spacing (min. on centers) (ft)
Serviced by private well: ☐ Yes ☒ No	**1500** Gallon septic tank	**500** 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.)
5 Bedrooms in residence	**1500** Gallon pump tank	**na** Depth of stone (in)	

Any surface water present: **Yes** Type: **Lake** Minimum separation distance (ft): **100**

Additional conditions: **Install according to plans on file submitted by Toney Jacobs and associates. Install pressure manifold.**

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:

1500 Absorption Area (ft^2) **500** Total trench length (ft)	**na** Depth of stone (in)	**9** Trench spacing (min. on centers) (ft)	**24** Maximum trench depth (in)

The undersigned, an authorized agent of the MECKLENBURG COUNTY HELTH 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 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.

M.R.S., 8/4/04

DENR Authorized Agent Date

Owner/Agent Signature Date

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR.
SUITE 211
700 N. TRYON ST.
CHARLOTTE, NC 28202
(704) 336-5103

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

TONEY C. JACOBS & ASSOCIATES, INC.

Consulting Soil Scientists

Licensed by the North Carolina Board for Licensing of Soil Scientists
Certified by the American Registry of Certified Professionals in Agronomy, Crops and Soils

168 Broadbill Drive
Mooresville, NC 28117
Phone (704) 663-6905
Fax (704) 662-9845 E-mail jacobs@i-america.net

June 21, 2004

To: Mr. David Cornelius, R.S.
Mecklenburg County Env. Health Dept.

From : Toney C. Jacobs
Paul G. Penninger

RE: Request for an Improvement Permit for lot 61 at The Sanctuary:
MCHD file # 5429B

Crescent Resources is requesting an Improvement Permit for lot **61** at The Sanctuary Subdivision for a **5** bedroom, basement home. Mr. Bill Marlin of the MCHD evaluated the soils on 11-06-03 and determined the septic area is PS at an 0.3 gpd/ft^2 LTAR. Toney C. Jacobs and Associates, Inc. has flagged a 25% reduction septic system and repair on the lot, as shown on the attached sketch.

We understand a building permit cannot be issued until your office issues an Authorization to Construct (ATC). The buyer of the lot will apply for the ATC. If the buyer's house pad does not fit in the "building envelope" shown on the Improvement Permit, we understand the proposed system may have to be modified prior to your office issuing the ATC. **No grading shall take place on lot prior to obtaining the ATC from the MCHD.**

Tri-County Wastewater (TCWW) is under contract to supply maintenance services for each septic system installed at The Sanctuary. TCWW will have a list of preferred septic contractors for the subdivision and will also have requirements for the installation of the septic systems that are greater that the state requirements. It will be the responsibility of TCWW to enforce any requirements above state requirements or the conditions on the Improvement Permit or ATC.

Please review the attached system sketch and design specifications for the Improvement Permit. Please call if you have and questions, comments, or corrections.

Design Specifications for Lot 61 at

The Sanctuary, MCHD File # 5429B

System Type:	primary:	pressure manifold , 25% reduction
	repair:	pressure manifold , 25% reduction
Daily design flow:		600 gpd
Septic tank size:		1500 gal. (2 compartments)
Pumping tank size:		1500 gal.
Effluent loading rate:		0.30 gpd/ft^2 for primary and repair
Number and length of laterals:		3@ 170 ft. 25% reduction
Flow rate through the system:		16.5 gpm –use ½ in. SCH 80 taps with 2 ft. head pressure on pressure manifold (5.5 gpm per tap)
Pump requirements:		to be calculated by installer or owners agent when specific house and pump tank location are available
Dosing volume:		approx. 270 gal. – 2.2 doses/day at design flow
Depth of water pumped per dose:		calculated to specific tank by measure or dealer engineering specifications (1 cubic ft. of water equals 7.48 gal.)
Check valve:		YES
Siphon break hole:		No

Division of Environmental Health
On-site Wastewater Section

Sheet: 1 of 2
Property ID: PO 199-371-03
Lot #: 61
File #: 5429B
Code: 1

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: The Sanctuary at Lake Wylie
Address: 10933 Ballantyne Crossing Ave., Charlotte, N. C. 28277
Proposed Facility: Residence Design Flow (.1949): 600gpd
Location of Site: Nighthawk Court
Water Supply: [x] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

Applicant: Toney Jacobs
Date Evaluated: 7/6/2004
Property Size: .3a inv.
Property Recorded:

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, 30	0-6	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV .3GPD/FT^2
		6-48	SBK/C	FI/SEXP/S/P					
2	"	0-5	GR/SCL	FR/SEXP/SS/SP	"	"	"	"	"
		5-11	SBK/SCL	"					
		11-48	SBK/C	FI/SEXP/S/P					
3	"	0-7	GR/SCL	FR/SEXP/SS/SP	"	"	"	"	"
		7-48	SBK/C	FI/SEXP/S/P					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.3GPD/FT^2	.3GPD/FT^2

Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 7/7/2004, W. R. Marlin
Others Present:

COMMENTS:
100% repair, will need pump

FILE #: 5429B

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	

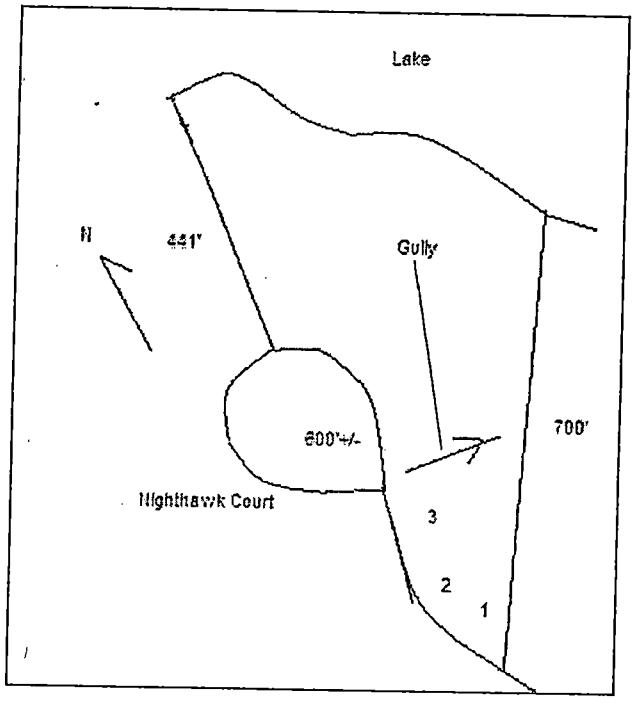
Structure
SG-Single Grain
M-Massive
CR-Crumb
GR-Granular
SBK-Subangular Blocky
ABK-Angular Blocky
PL-Platy
PR-Prismatic

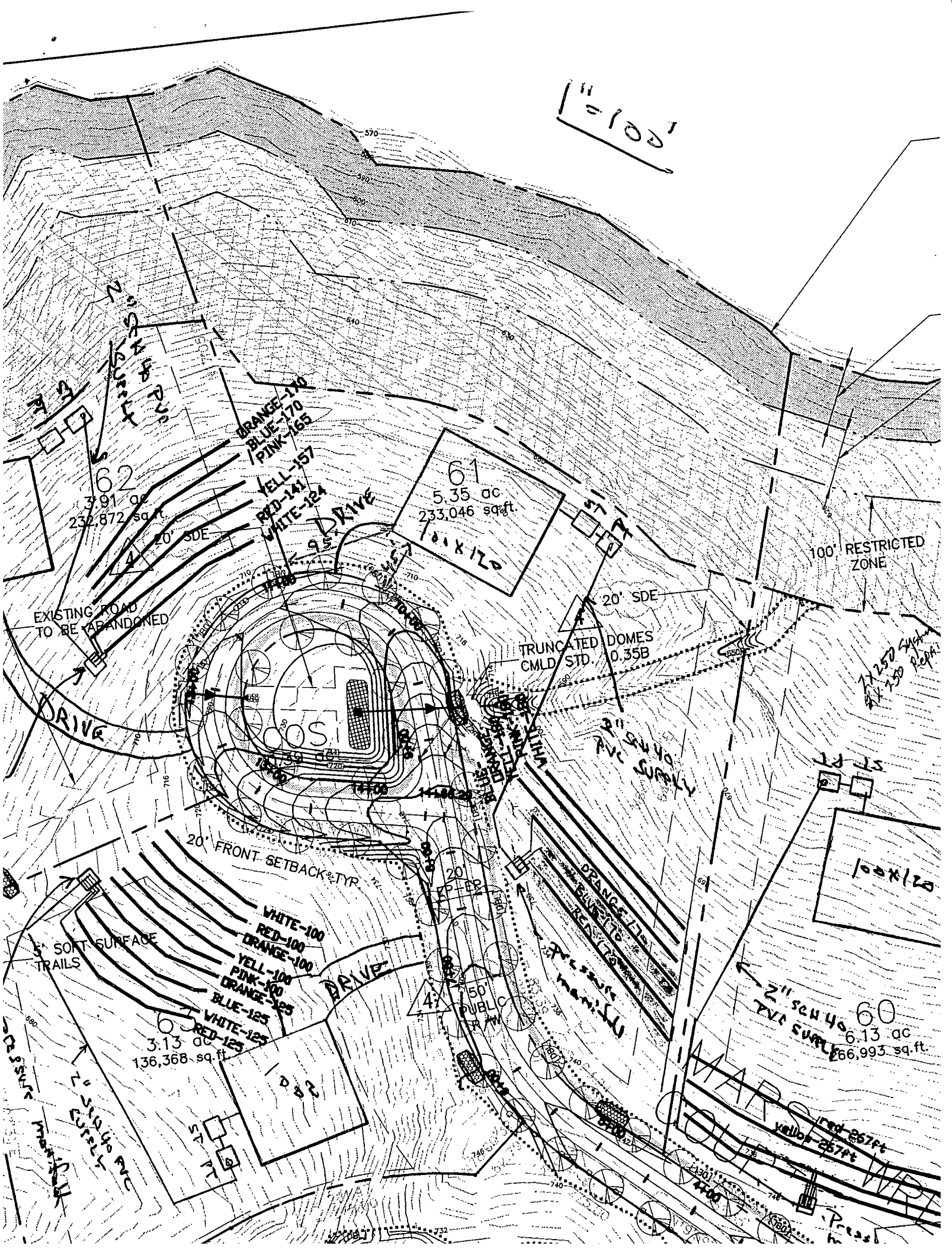
Consistence
Moist
VFR-Very Friable
FR-Friable
FI-Firm
VFI-Very Firm
EFI-Extremely Firm

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




1"=100'
62
3.91 ac
232,872 sq.ft.
61
5.35 ac
233,046 sq.ft.
60
6.13 ac
266,993 sq.ft.
63
3.13 ac
136,368 sq.ft.
DRIVE
20' SDE
EXISTING ROAD TO BE ABANDONED
100' RESTRICTED ZONE
TRUNCATED DOMES CMLD STD. 0.35B
20' FRONT SETBACK
5' SOFT SURFACE TRAILS
50' PUBLIC R/W
ORANGE-170
BLUE-170
PINK-165
YELL-157
RED-141
WHITE-124
WHITE-100
RED-100
ORANGE-100
YELL-100
PINK-100
ORANGE-125
BLUE-125
WHITE-125
RED-125
2" SCH 40 PVC SUPPLY
2" SCH 40 PVC MANIFOLD
WAR
red-867ft
yellow-867ft
10'x12'
10'x15'
STA #1
STA #2

Division of Environmental Health
On-site Wastewater Section

Sheet: 1 of 2
Property ID: PO 199-371-03
Lot #: 61
File #: 5429B
Code: 1

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: The Sanctuary at Lake Wylie
Address: 10933 Ballantyne Crossing Ave., Charlotte, N. C. 28277
Proposed Facility: Residence Design Flow (.1949): 600gpd
Location of Site: Nighthawk Court

Applicant: Toney Jacobs
Date Evaluated: 7/6/2004
Property Size: .3a inv.
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, 30	0-6	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV
		6-48	SBK/C	FI/SEXP/S/P					.3GPD/FT^2
2	"	0-5	GR/SCL	FR/SEXP/SS/SP	"	"	"	"	"
		5-11	SBK/SCL	"					
		11-48	SBK/C	FI/SEXP/S/P					
3	"	0-7	GR/SCL	FR/SEXP/SS/SP	"	"	"	"	"
		7-48	SBK/C	FI/SEXP/S/P					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.3GPD/FT^2	.3GPD/FT^2

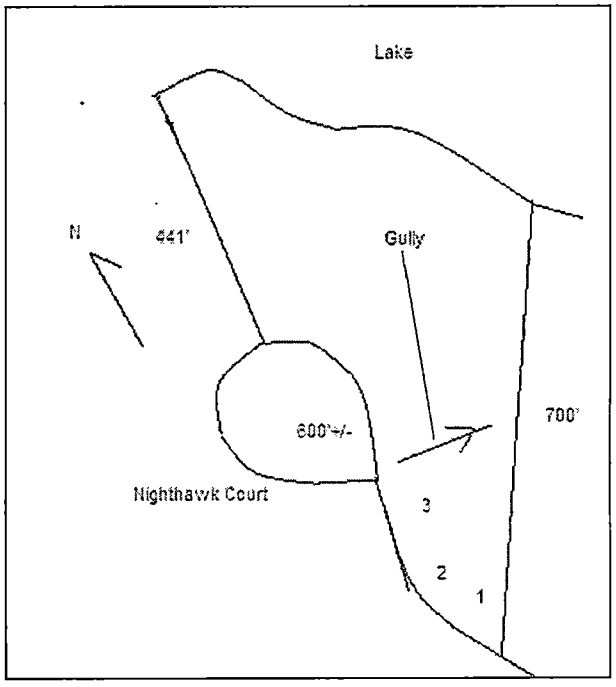
Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 7/7/2004,
Others Present:

COMMENTS:
100% repair, will need pump

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
Property ID: PO 199-371-03
Lot #: 61
File #: 5429B
Code: 2

ACS

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Sanctuary at Lake Wylie
Applicant: Toney Jacobs
Address: 10933 Ballantyne Crossing Ave., Charlotte, N. C. 28277
Date Evaluated: 11/07/2003
Proposed Facility: Residence
Design Flow (.1949): 840gpd
Property Size: 1.0a inv.
Location of Site: Nighthawk Court
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, 35	0-8	GR/SCL	FR/SEXP/SS/SP	>24" TO SOIL WETNESS	24	N/A	NONE	US, III .2GPD/FT^2
		8-24	SBK/SCL	"					
2	"	0-8	GR/SL	FR/SEXP/NS/NP	>36" TO SOIL WETNESS	36	"	"	US, III .3GPD/FT^2
		8-24	SBK/CL	FR/SEXP/SS/SP					
		24-36	WKSBK/L	FR/SEXP/NS/NP					
3	"	0-9	GR/SCL	FR/SEXP/SS/SP	>50" TO SOIL WETNESS	50	"	"	US, IV .35GPD/FT^2
		9-50	SBK/C	FI/SEXP/S/P					
4	"	0-3	GR/CL	FR/SEXP/SS/SP	>19" TO SOIL WETNESS	19	"	"	US, III
		3-19	SBK/SCL	"					

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

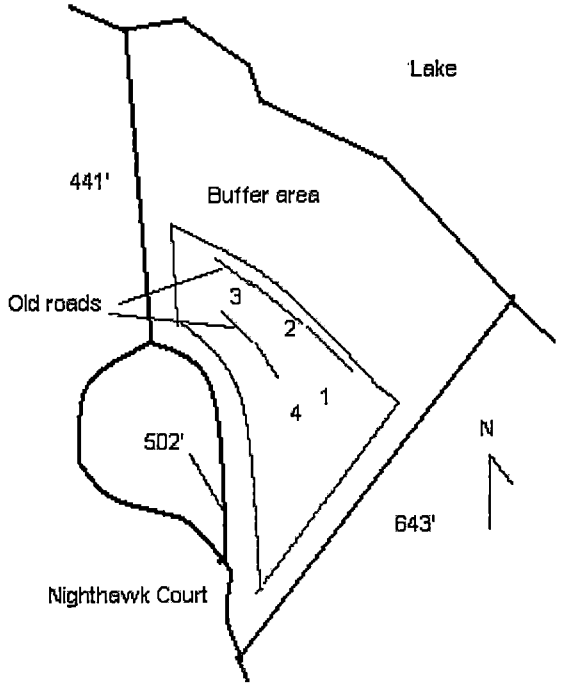
Other Factors (.1946): _____
Site Classification (.1948): UNSUITABLE
Evaluated By: W. R. Marlin, LSS, 11/10/2003, W. R. Marlin
Others Present:

FILE # 5429B

COMMENTS: 100% repair

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	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-SLIGHTLY STICKY
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-SLIGHTLY STICKY
CV-CONVEX SLOPE		SIL-SILT LOAM			P-PLASTIC
T-TERRACE		CL-CLAY LOAM			VP-VERY PLASTIC
FP-FLOOD PLAN		SCL-SANDY CLAY LOAM			
		SICL-SILTY CLAY LOAM			
	IV	SIC-SILTY CLAY	0.4 – 0.1		
		C-CLAY			
		SC-SANDY CLAY			

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



FEE: 200.00 CK

DATE: 10/27/03 JC

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

1 1 CRT

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 #: 5492B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 199-371-03 PO

STREET ADDRESS: off Island Point Rd

SUBDIVISION OR MOBILE HOME PARK NAME: The Sanctuary at Lake Wylie, LLC

LOT NUMBER: 61

TYPE OF BUILDING (CHECK ONE):

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

TOWNSHIP (CHECK ONE):

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

HEATED SQUARE FOOTAGE:

NUMBER OF BEDROOMS: NUMBER OF OCCUPANTS:

CLOSING DATE _____

FOUNDATION FOR RESIDENCE:

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

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

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: (LAST) The Sanctuary at Lake Wylie, LLC (FIRST) (MI)

ADDRESS: 10933 Ballantyne Crossing Ave

CITY: Charlotte STATE: NC ZIP: 28277

DAYTIME PHONE: (704) 544-0201 ext 226

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: (LAST) Jacobs (FIRST) Tonya (MI) C

DAYTIME PHONE: 704 663-6905

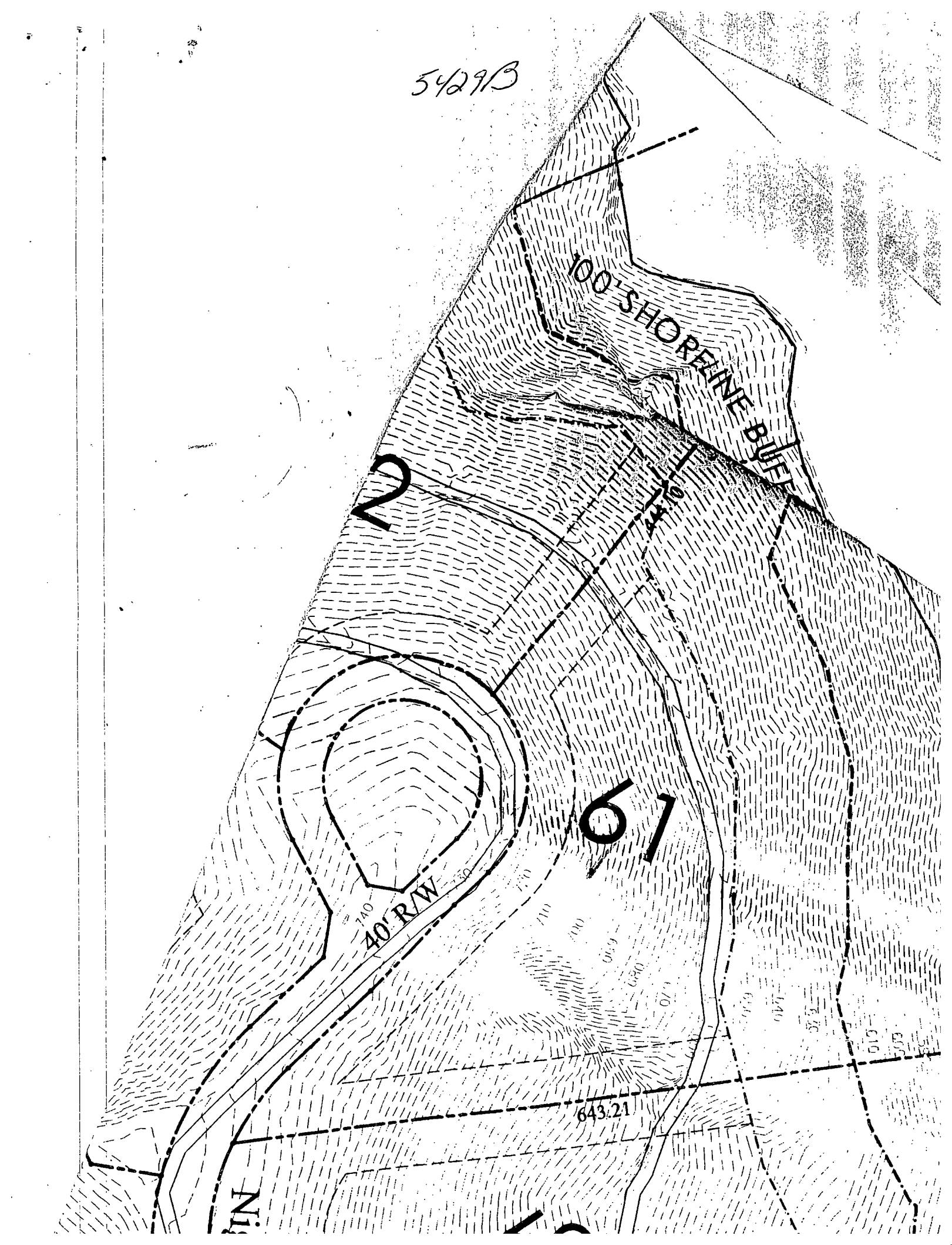
m 704 582 9219

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: Tonya C Jacobs, CPSS (Agent) DATE: 10/23/03

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


5429B
100' SHORELINE BUFFER
44.16
2
61
40' R/W
643.21

PROPOSED PLOT PLAN

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

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.

" See Attached "

OWNER/AGENT SIGNATURE

DATE 10/23/03

APPROVAL DATE _____

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