CLK 1750

FEE: 100
DATE: 10/8/10
CRT [ ]

APPLICATION FOR APPROVAL TO USE AN EXISTING ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM / WATER SUPPLY WELL
MECKLENBURG COUNTY - GROUNDWATER & WASTEWATER SERVICES
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

GWS – UES.APP 04/10

FILE #: 4178A JPM 4791

TYPE APPLCATION: ☐ SEPTIC ONLY ☐ WELL ONLY ☑ SEPTIC & WELL
☐ ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A / M)
☐ EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
☒ ADDITION - RENOVATION OR GARAGE WITH NO MAJOR CHANGES (X)
☐ COMMERCIAL OR INDUSTRIAL (N)

PERSON FILING APPLICATION:
NAME: NICK MILLER (N.A. MILLER HOMES)
ADDRESS: 270 SAND HILLS CT
CITY: MOORESVILLE
STATE: NC ZIP: 28115
PHONE: 704-622-6340
ALTERNATE PHONE:

PROPERTY OWNER:
NAME: ANDREW MASHBURN
ADDRESS: 20221 RIVER CHASE DR.
CITY: CORNELIUS
STATE: NC ZIP: 28031
PHONE: 704-681-1128
ALTERNATE PHONE:

JOB LOCATION INFORMATION
TAX/PARCEL #: 00144174
STREET ADDRESS: 20221 RIVER CHASE DR.
CITY: CORNELIUS
STATE: NC ZIP: 28031

SUBDIVISION OR MOBILE HOME PARK NAME:
LOT #: 7

WATER SUPPLY:
☐ MUNICIPAL (M) ☐ COMMUNITY (C) ☑ PRIVATE WELL (P) ☐ SHARED WELL (S) ☐ OTHER 'SPRINGS' (O)

RESIDENTIAL PROPERTY TYPE:
☑ HOUSE (H) ☐ MODULAR HOME (M) ☐ MULTIPLE FAMILY (U)
☐ SINGLE MOBILE HOME (S) ☐ DOUBLE WIDE (D)
☐ OTHER (O)

OCCUPANCY (both fields are required):
NUMBER OF BEDROOMS: 3
NUMBER OF OCCUPANTS: 2 adults 1 child

COMMERCIAL / INDUSTRIAL PROPERTY TYPE:
TYPE OF BUSINESS:
EMPLOYEES PER SHIFT:
OF SHIFTS:
INDUSTRIAL WASTES? ☐ YES ☐ NO
UNDERGROUND STORAGE TANKS? ☐ YES ☐ NO

ADDITION TYPE ATTACHED TO EXISTING STRUCTURE:
☐ BEDROOM ☐ BATHROOM ☐ KITCHEN ☐ DINING ROOM ☐ LIVING ROOM ☐ DEN
☑ GARAGE ☐ SUNROOM ☐ PORCH ☐ DECK ☐ OTHER

ADDITION TYPE DETACHED FROM EXISTING STRUCTURE:
☐ DETACHED GARAGE ☐ DETACHED GARAGE WITH PLUMBING ☐ POOL HOUSE ☐ SHOP ☐ BARN
☐ STORAGE SHED ☐ DETACHED PORCH / DECK ☐ OTHER

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

Owner's/Agent's Signature — Date: 10/7/2010

*The undersigned, an authorized agent of the Mecklenburg County Health Department, certifies that the Department has approved the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal and Water Supply Wells 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 y this Department.
- This permit is not transferable.

☐ ADDITION / RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE
☐ MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE

O.K. TO APS FOR A GARAGE ADDITION. THE HOUSE IS IN THE PROCESS OF HOOKING ON TO CITY SEWER

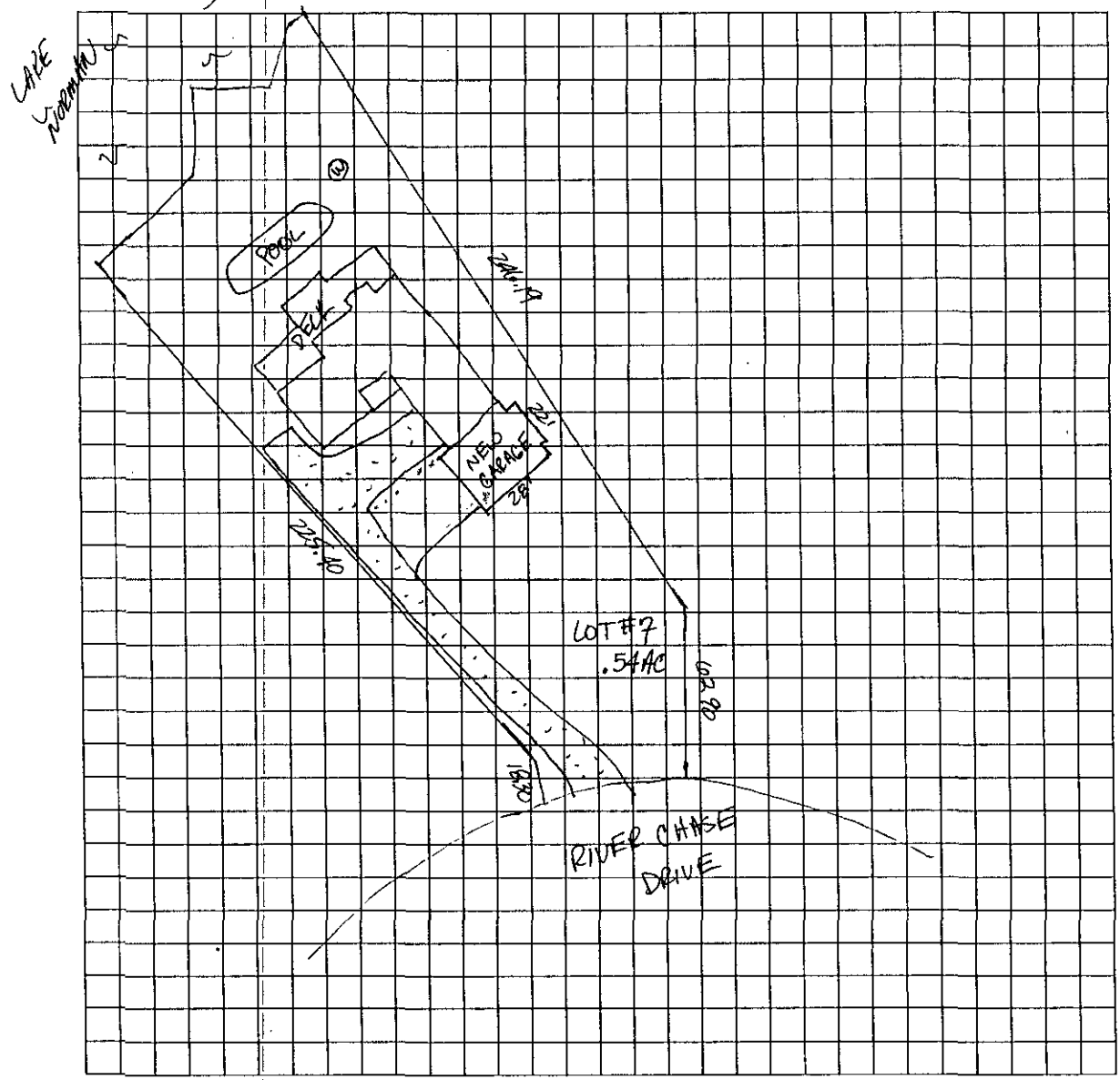
ES Signature — Date: 11/2/10

Mecklenburg County
Land Use & Environmental Service Agency
Groundwater & Wastewater Services
700 N. Tryon St., Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103
Fax: (704) 336-6894

File # 1178A
Date_____

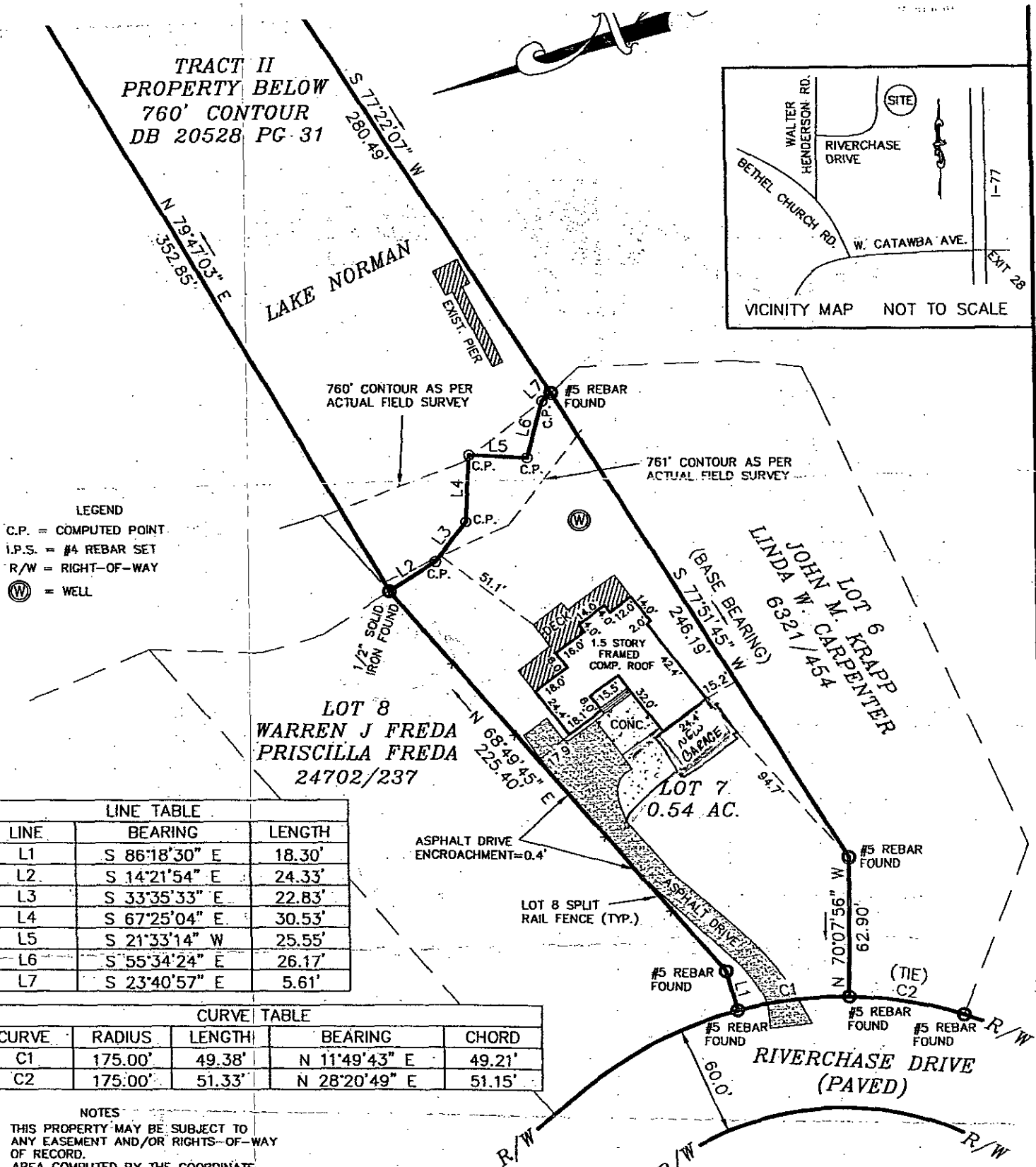
PROPOSED PLOT PLAN

A map showing existing and proposed property lines and easements with dimensions, the location of the single family residence, non-single family residence, or other facility, and appurtenances, the site for the proposed well, and the location of existing or proposed sewer lines and/or sewage disposal systems, surface water bodies, aboveground or underground storage tanks. Name all roads adjoining the property. If this a repair indicate the type of repair.



Owner/Agent Signature	
Date 10/7/2010	

LBC 12/15/04



LEGEND

C.P. = COMPUTED POINT
I.P.S. = #4 REBAR SET
R/W = RIGHT-OF-WAY
Ⓦ = WELL

LINE TABLE		
LINE	BEARING	LENGTH
L1	S 86°18'30" E	18.30'
L2	S 14°21'54" E	24.33'
L3	S 33°35'33" E	22.83'
L4	S 67°25'04" E	30.53'
L5	S 21°33'14" W	25.55'
L6	S 55°34'24" E	26.17'
L7	S 23°40'57" E	5.61'

CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHORD
C1	175.00'	49.38'	N 11°49'43" E	49.21'
C2	175.00'	51.33'	N 28°20'49" E	51.15'

NOTES

1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENT AND/OR RIGHTS-OF-WAY OF RECORD.
2) AREA COMPUTED BY THE COORDINATE METHOD.
3) EXISTING 760' & 761' CONTOUR ELEVATION BASED ON LAKE NORMAN LAKE LEVEL AT COWAN'S FORD DAM (READING ON 7-14-09) ELEVATION: 757.70
4) UNDERGROUND POWER
5) NO GRID MONUMENT FOUND WITHIN 2000 FEET.

SCALE 1" = 60'

ACQUIRED BY:

PHYSICAL SURVEY

OF

20221 RIVERCHASE DRIVE

LOT 7 RIVERCHASE SUBDIVISION

LEMLEY TWSP., MECKLENBURG CO., N.C.

ANDREW A. & LINDSEY MASHBURN

0' 30' 60' 100'

SCALE IN FEET

FIELD BOOK: 744 PG 32
FILE: RIVERCHASE-7
DC FILE:
TAX MAP NO: 00144174

No. 0466 P. 2

CHARLOTTE-MECKLENBURG UTILITIES 91037

DATE: 11-1-10

RECEIVED FROM: N. A Miller Homes LLC

four thousand one hundred twenty dollars $ 4,120.00

FOR: 20221 River Chase Dr

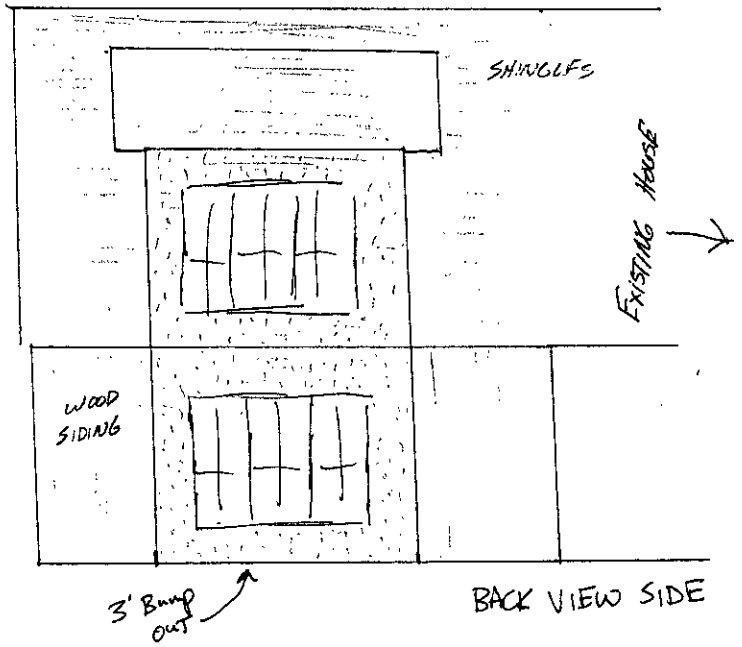
RECEIVED BY: Cathy Paisley

CASH ☐

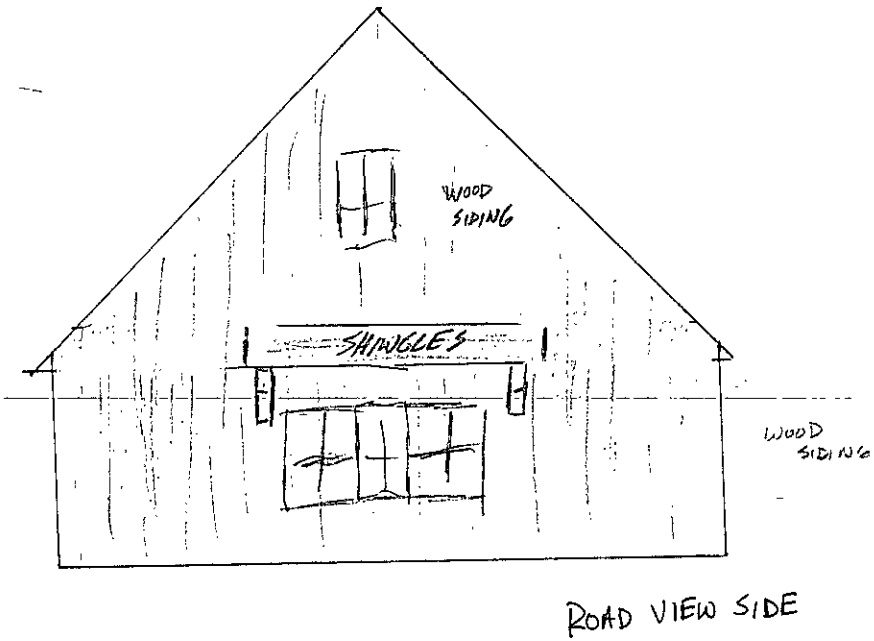
CHECK ☒ 1056

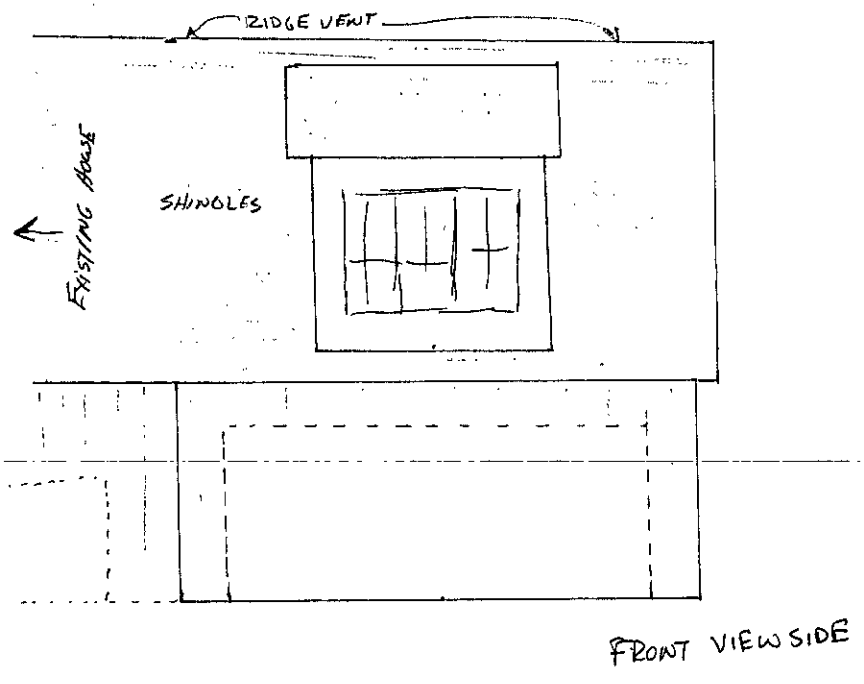
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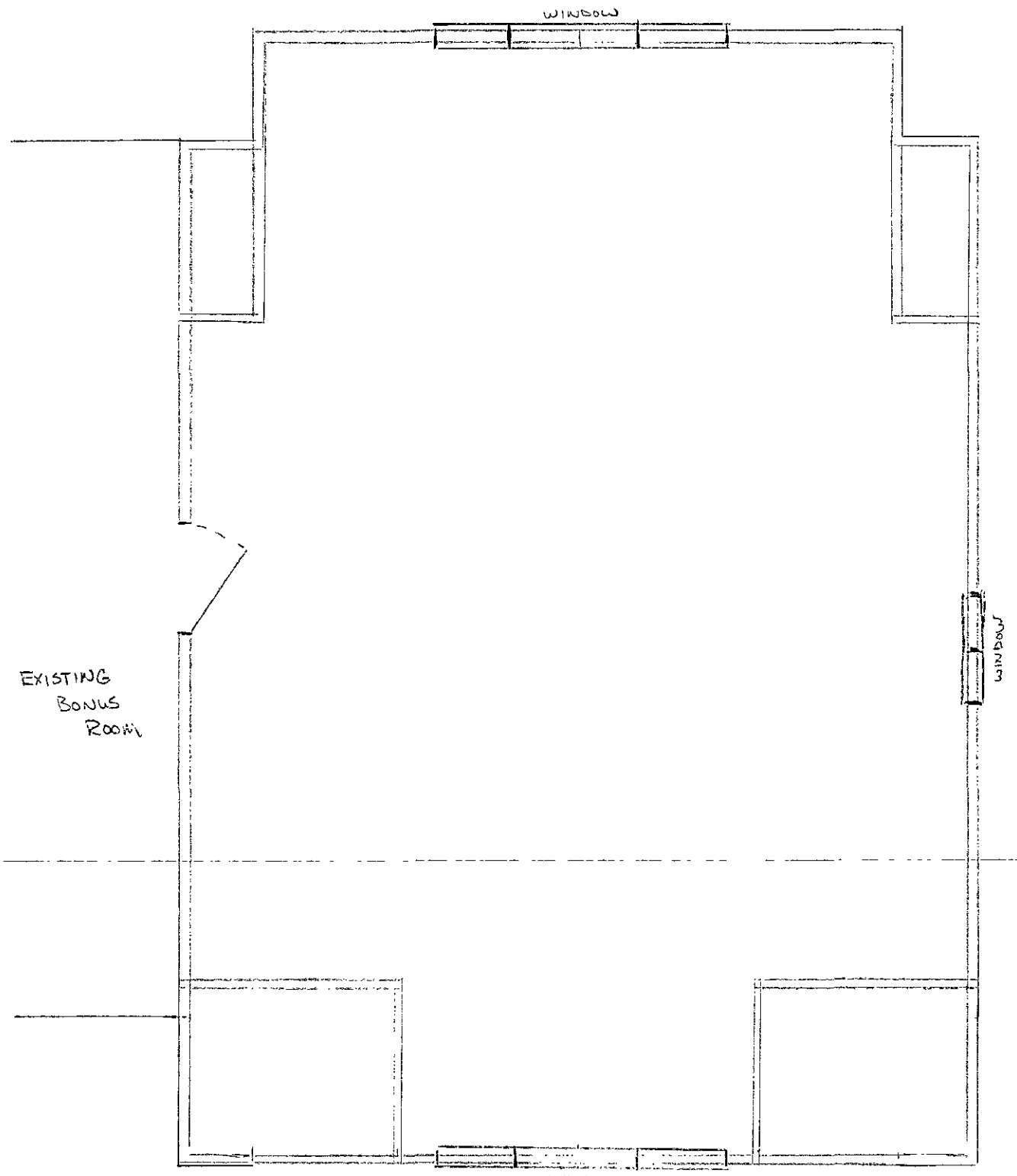
- Andrew Mashburn Sewer Tap
- 20221 River Chase Dr.
Cornelius, NC



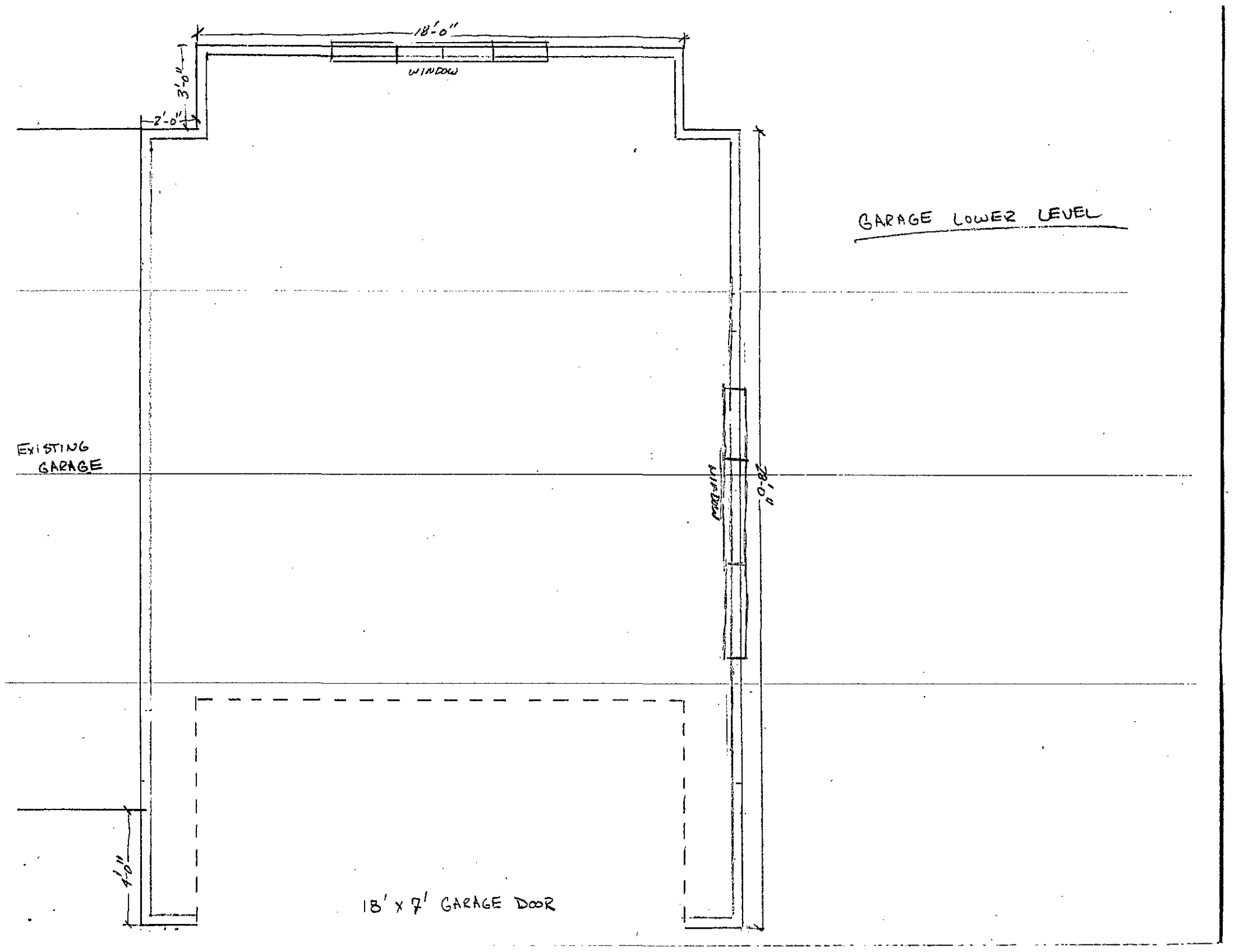
N.A. MILLER HOMES
704-622-6340

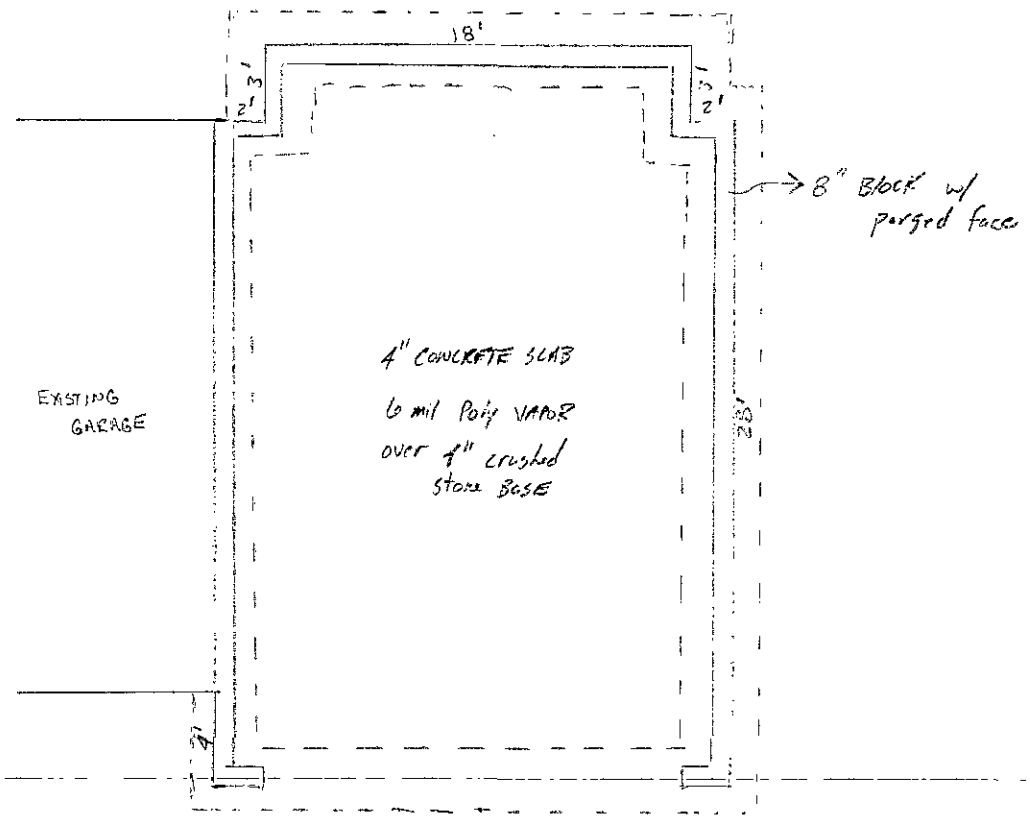




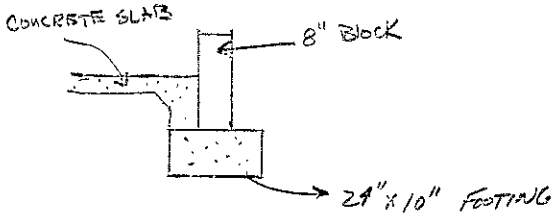


GARAGE UPPER LEVEL


18'-0"
WINDOW
3'-0"
2'-0"
GARAGE LOWER LEVEL
EXISTING GARAGE
28'-0"
4'-0"
18' x 7' GARAGE DOOR



FOUNDATION PLAN



FOUNDATION DETAIL

Groundwater & Wastewater Services
700 N. Tryon St., Suite 211
Charlotte, NC 28202
704-336-5103 Phone 704-336-6894 Fax

SERVICE REQUEST

Service Request Information

Request Number: **16863**
Request Type: **Resid Pool Approval**
Associated WO Number:
Date Initiated: 1/27/10 3:58:55 PM
Submitted To: MICHELONE, JEREMY

Priority: **3**
Status: IP
Initiated By: CRAIG, GWENDOLYN
Dispatched To: MICHELONE, JEREMY

Incident Location

Problem Address: **20221 RIVERCHASE DRIVE, CORNELIUS, 28031**

Requesting Party Information

First Name	Last Name	Address		
ANDREW	MASHBURN	20221 RIVERCHASE DRIVE	CORNELIUS	28031

Home Phone	Work Phone	Other Phone
(704) 681-1128		

Question	Answer

Problem Details

Caller Details	Residential pool request, septic system on property; septic file # 1178A

Details (cont.)	Residential pool request, septic system on property; septic file # 1178A

Activity Details

Comments	

SERVICE REQUEST/WORK ORDER

Log No.: 16863 | Section: PHPM & ES | Hazard? ( )Yes ( )No

Date: 1/27/10 | Parcel: 001-441-74 | <60 Days? ( )Yes ( )No

REQUESTING PERSON: Melinda PHONE NUMBER(S): 65545

PROPERTY CONCERNED: Name Andrew Washburn (704) 681-1128

ADDRESS: 20221 River Chase Drive CITY Cornelius ZIP 28031

SERVICE REQUESTED: please check location of Septic & well to the proposed pool.

ASSIGNED TO/ AREA: IPM COMPLETED BY:

DATE	ACTIVITY REPORT
	Lot 7, 1989 File # 1178A
2/4/10	Met Andrew Washburn at the house. Located
	and marked the corners of the septic & pump tank.
	Pool is located within the 15' setback and is
	located 10' from the well.
	Had many conversations with the pool contractor about
2/4 → 2/17	moving the pool and how the pool variance process
	works.
2/18/10	New Pool location meets the required minimum 15'
	septic system setback. The pool will be located 10' from
	the well, but GWS does not consider a pool
	a source of groundwater contamination. Attached
	is the new pool plot plan along with the variance
	letter.
2/18/10	LD Release J.Y.C.

NOTIFICATION TO REQUESTING PERSON: ( ) WRITTEN (✓) VERBAL ( ) NOT APPLICABLE

COMPLETED BY: Jenny Mutch, R.S. DATE 2/18/10

REVIEWED BY: [signature] DATE 2/18/10

Mecklenburg County Health Department

APPLICATION FOR RESIDENTIAL POOL CONSTRUCTION

(All Sections of this Application Must Be Completed AND Signed for Processing)

LD 307192

Physical street address of installation: 20221 River Chase Dr.

Subdivision Name: River Chase Sub. City: Cornelius. Zip Code: 28031

Owner: Andrew Mashburn Home Phone: 704-681-1128

Mailing Address: 20221 River Chase. Dr. Work Phone:

City: Cornelius State: N.C. Zip Code: 28031

Contractor: Artistic Pools. Phone: 704-892-0415

Mailing Address: 21450 Country Club Dr. City: Cornelius N.C. State/Zip: 28031

1. Type of Water Supply(check one): ☐ City (Municipal) ☐ Private utility (Community) ☒ Private Well
2. Type of Sewage Disposal (check one): ☐ City (Municipal) ☐ Private utility (Community) ☒ Septic system

3. **All outdoor residential swimming pools in Mecklenburg County are required to be completely fenced or protected once the pool is holding water. Minimum fence height is 44"(inches) with no opening greater than four(4) inches through or under any part of the fence. Gates, when provided, must be self-closing and self-latching. NOTE-driveway gates, when installed as part of the fence above, must be installed w/ automatic self-closers.**

4. **Attach a scale drawing showing the proposed location of the pool and any buildings, wells, or septic tank systems within 100 feet of the proposed pool.**

MUST BE COMPLETED BY HOMEOWNER OR LEGAL(POWER OF ATTORNEY) REPRESENTATIVE

I A B Mashburn, owner of the property, agree to the following requirements: *(initials are required beside each item listed.)*

- I certify that the application and site drawing being submitted are accurate and complete. AM
- I hereby authorize agents of the Health Dept. to enter onto the above property to process this request and to conduct a fence and gate inspection of the pool, when requested or needed. AM
- I understand that the pool must be protected by a fence and gate(s) (or equivalent, if above ground) as specified in the *Mecklenburg County Health Ordinance Rules Governing Residential Swimming Pools* and must be installed and **completed once the pool is capable of holding water** AM

Signed: A B Mashburn 1-27-10

Property Owner's Signature Date

By signing in this block, the contractor authorizes the processing fee for this request to be charged to their LUESA Contractor Account.

Joseph Tabor [signature] 1-27-10

NAME(PRINT) Signature Date

This area for MCHD use only:

Amount Paid: $ 75.00 ☐ Cash ☐ Check ☒ Contractor Account

Check Number: Date: 1/27/10 By: MAB

Contractor Charge Account: X38752

Request #: 3471 Parcel ID#: EHS:

Approved By: [signature] Date: 2/18/10 CRT:

Disapproved By: Date: Notify Date:

Final/Fencing Inspection By: Date:

Signature on the "Approved By" line above by an employee of the MCHD indicates Health Department approval of this application and the accompanying site plan. All approvals are contingent upon the pool being operated in a manner that does not create a public health nuisance or hazard, and completion of the required pool barrier at the time the pool is capable of holding water.

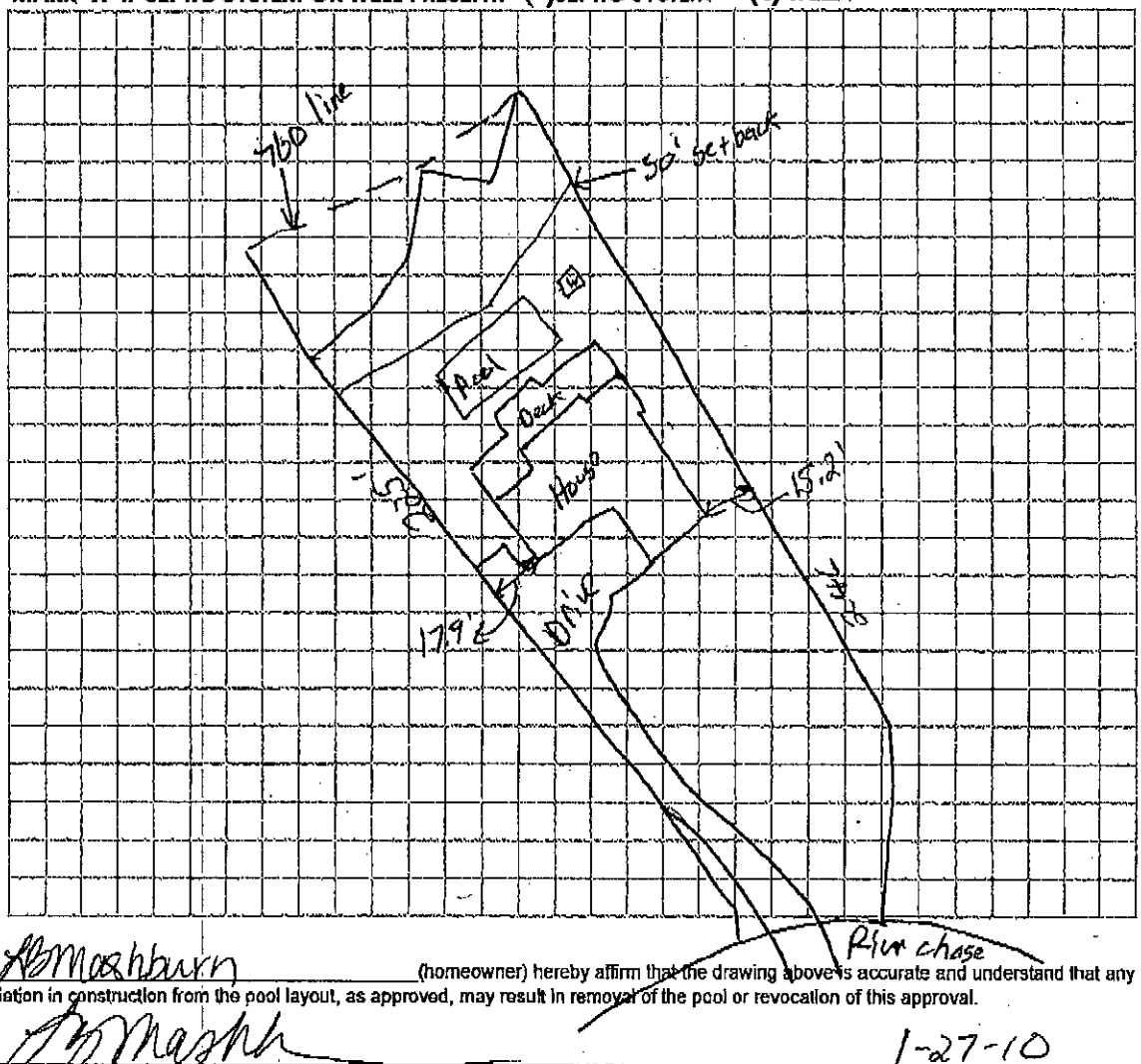
Mecklenburg County Health Department
700 N. Tryon Street, Suite 208
Charlotte, NC 28203
PHONE (704) 336-5101 FAX(704) 336-5306

PLOT PLAN FOR SWIMMING POOL INSTALLATION

ADDRESS: 20221 River Chase Dr. Cornelius N.C. 28031

Draw in all proposed pool, property lines, address road, proposed or existing structures or driveways, underground storage tanks, wells (whether on same lot or not, if within 100 feet), and septic system drainfields. Plot/draw all dimensions, distances, etc. as needed to accurately detail pool layout in relation to structures, property lines, septic systems, etc.

MARK "X" IF SEPTIC SYSTEM OR WELL PRESENT: ( )SEPTIC SYSTEM (X) WELL

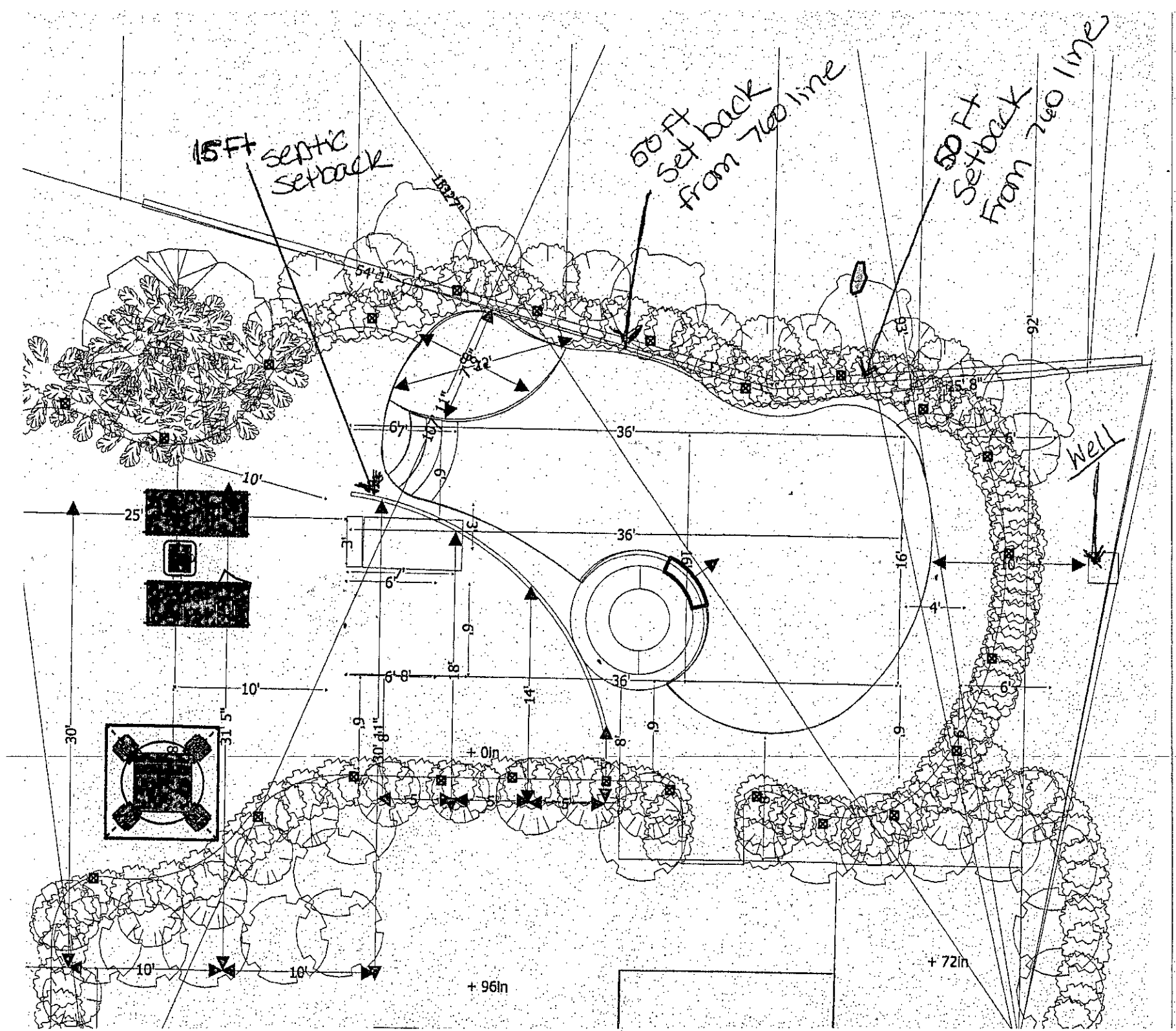


I, K B Mashburn (homeowner) hereby affirm that the drawing above is accurate and understand that any deviation in construction from the pool layout, as approved, may result in removal of the pool or revocation of this approval.

K B Mashburn
HOMEOWNER SIGNATURE

1-27-10
DATE

OFFICE USE ONLY:
HEALTH DEPT APPROVAL BY: DATE:


15Ft septic setback
50 ft Set back from 760 line
50 Ft Setback From 760 line
Well
183'7"
54' 1"
93'
92'
25' 8"
36'
10'
25'
16'
4'
6'
30'
31' 5"
+ 0in
+ 72in
+ 96in

Dear Jeremy,

I am planning on building a pool in my backyard that will need to be built within 50' of my existing well. With the lake setbacks combined with the placement of my septic tanks the pool will come within 10' of the well. There are no other options and we will leave as much space from the well as possible. We bought this house with the intent to build a pool in the back yard not realizing the well would interfere. We are at a hardship dealing with all of the setbacks required and I am requesting for us to be able to build the pool 10 feet from the well.

Thank You,

Andrew Mashburn

20221 Riverchase Dr Cornelius,NC 28031

704-681-1128 cell

walkmeout@aol.com

DEPARTMENT OF ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY, NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 1178-A

T.C. NO. PO 001-131-03 L

(Ground Absorption Sewage Disposal)

OWNER: Dwight A. Sherrill
ADDRESS: PO Box 713
Denver, N.C. 28037
LOCATION OF SITE: Rivercrest Drive

PLAT NO: Lot 7
LOT SIZE: Approx. 6A

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS 6-15% U	S PS complex slopes & U (U) Terrace	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S (PS) clay U	S PS — U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) Blocky U	S PS — U	S PS U	S PS U
4. SOIL DEPTH (inches)	S (PS) 36"+ U	S PS — U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S (PS) 36" To saprolite U	S PS — U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) 36" To ground water U	S collect & PS channel (U) runoff U	S PS U	S PS U
7. OTHER (Specify)	S PS Restrictive Area (U)	S PS U	S PS U	S PS U
8. SOIL GROUP	IV A	—		
9. SITE CLASSIFICATION	unsuitable	unsuitable		
10. SOIL SERIES	Cecil-Lilla	complex slopes		

S - Suitable PS - Provisionally Suitable U - Unsuitable

**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

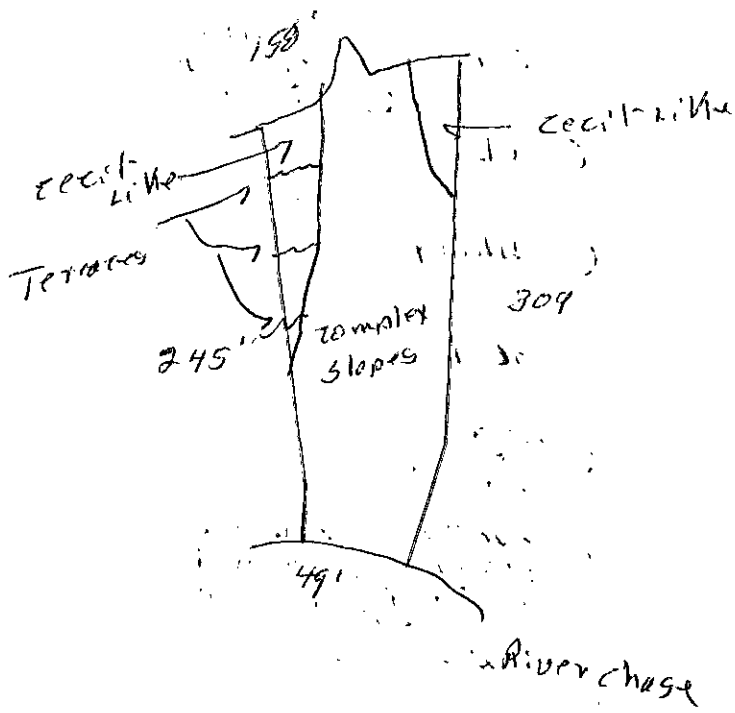
Recommendations/Comments:

Described by: William A. Marlin
Title: Soil Scientist

Date: 11-22-85

2H

LAKE NORMAN


158'
Cecil-like
Cecil-like
Cecil-like
Terraces
309'
245'
complex slopes
491'
River channel