CW 10:30 BLDR-2022-1564

# ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 323635

## SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4624 -- 06 -- 4331

APPLICANT/OWNER: Kenneth Bealer Homes | APPLICANT ADDRESS: PO Box 3398 Mooresville NC 28117

SITE ADDRESS: 118 Binns Rd Mooresville NC 28117 | PHONE: 704-662-6400 | ALT. PHONE

SITE DIRECTIONS: 177 to exit 35, (W) on Brawley School Rd., (R) on Tuskarora Trail, (R) on Binns | SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Leonard K. Bealer | SECTION: - | LOT # Remant | LOT AREA: 0.923 | DESIGN FLOW: 480gpd | L.T.A.R.: 0.3/0.25R

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 | (gal) | STB | 760 | Date | 11/16/22 | ☑ New System ☐ Repair ☐ Expansion | System Type: I II III (IV) V VI | ☑ Residence | No. Bedrooms | 4 | Water Supply |
| Pump Tank | 1000 | (gal) | PT | 363 | Date | 12/5/22 | System Description: LP PPBPS (V) | | ☐ Business | No. Persons | 8 | ☑ Private |
| Pump Make | | | Model | | Serial # | | Repair System Description: LP PPBPS (V) | | ☐ Other | No. Employees | | ☐ Public |
| # Nitrification Fields | 1 | # Lines | 4 | Linear Ft | 270' | | Maintenance Agreement Required: ☑ YES ☐ NO | | ☒ Slab | ☐ Crawl Space | | ☐ Community |
| Trench Width | 24" Min. | Trench Bottom Depth(Low side) | 30" | Gravel Depth | N/A | | ☐ GRAVITY ☑ PRESSURE | | ☐ Basement w/ plumbing | | ☐ Basement w/o plumbing | |

Comments / Conditions: Do not pave, grade, park, drive, or bury utilities in drainfield areas. Direct all drainage from drainfield

NO GRADING TO LOT THAT MAY IMPACT DRAINFIELD.

INITIAL SITE SKETCH

See attached site plan by Paul Penninger approved 1/9/22

AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

DW 1/24/23
- verify tanks are ≤ 36" when covered
- Check outlet ~~for~~ drainage pipes - looked to be coming out by tanks/supply

- verify fill removed from lines before signing off → see attached email
- verified 2/7/23

7/25/2023 - Pressure Head / Alarm Check / Control Panel resins ✓ Electrical Good

- Needs Floats Set ✓
- Needs Rope on Pump ✓
- Needs Electrical Sealed to Control Panel ✓
- Needs Maintenance Contract ✓

CW 7/27/23

*Permit can be suspended or revoked if any false information is supplied toward securing the permit, / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system.* **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

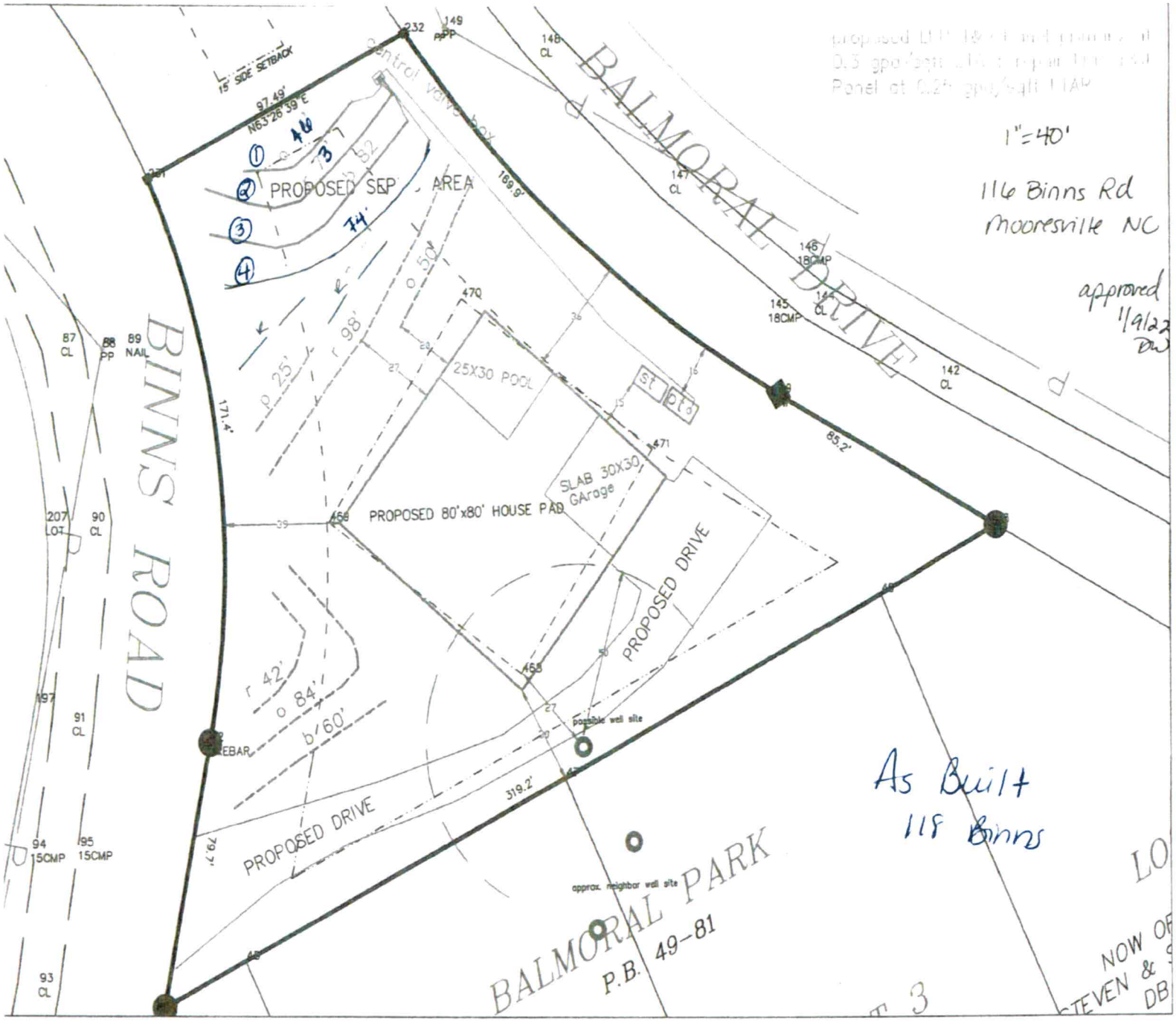
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Candice Gatto/KBH | Date: | Installed by: Michael Powell/BOSS

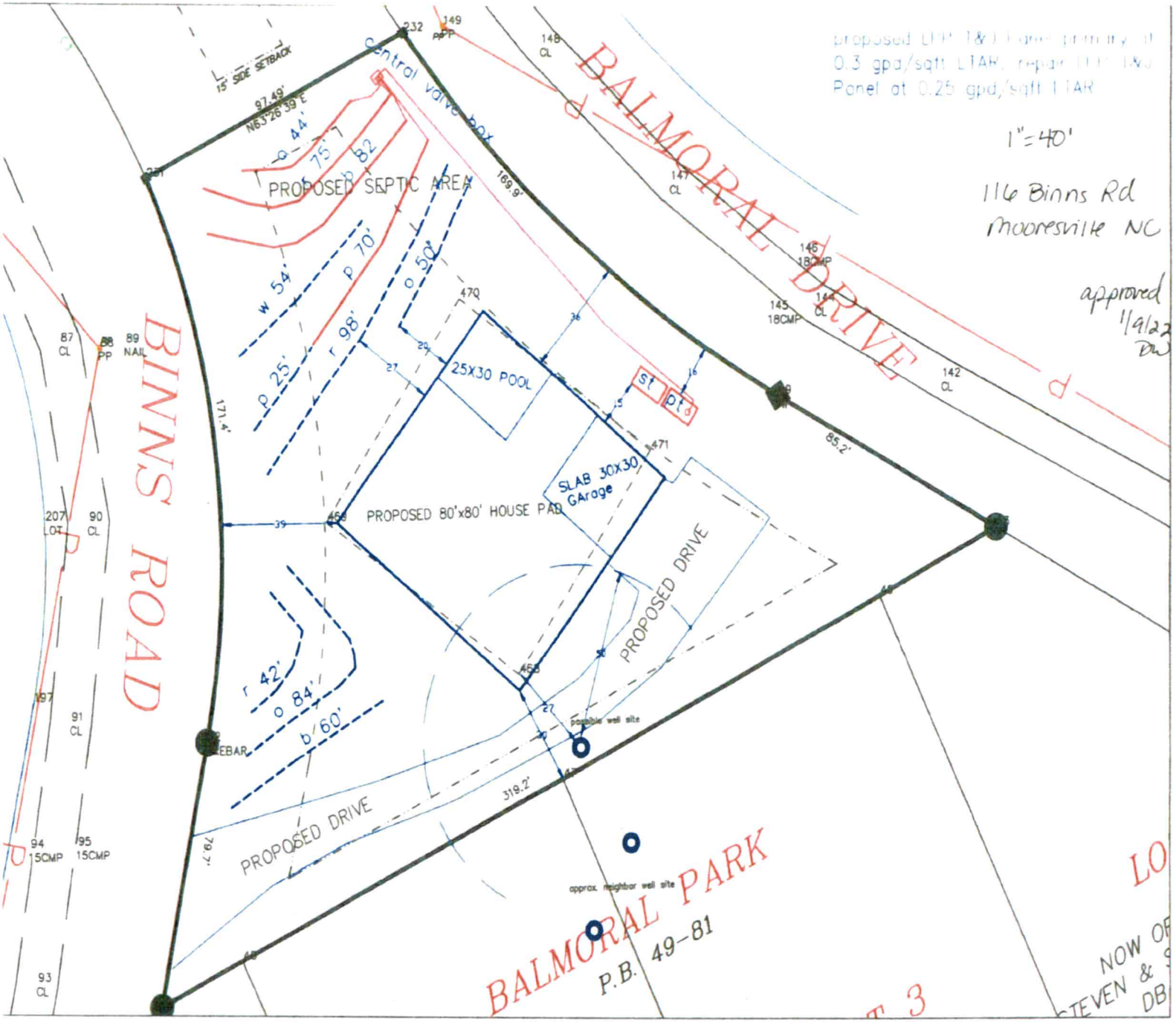
IMPROVEMENT PERMIT by: D. Wieberg | Date: 1/9/22 | OPERATION PERMIT by: CW | Date: 7/27/23

AUTHORIZATION TO CONSTRUCT by: D. Wieberg | Date: 7/13/22 | Existing System Inspected by: | Date:

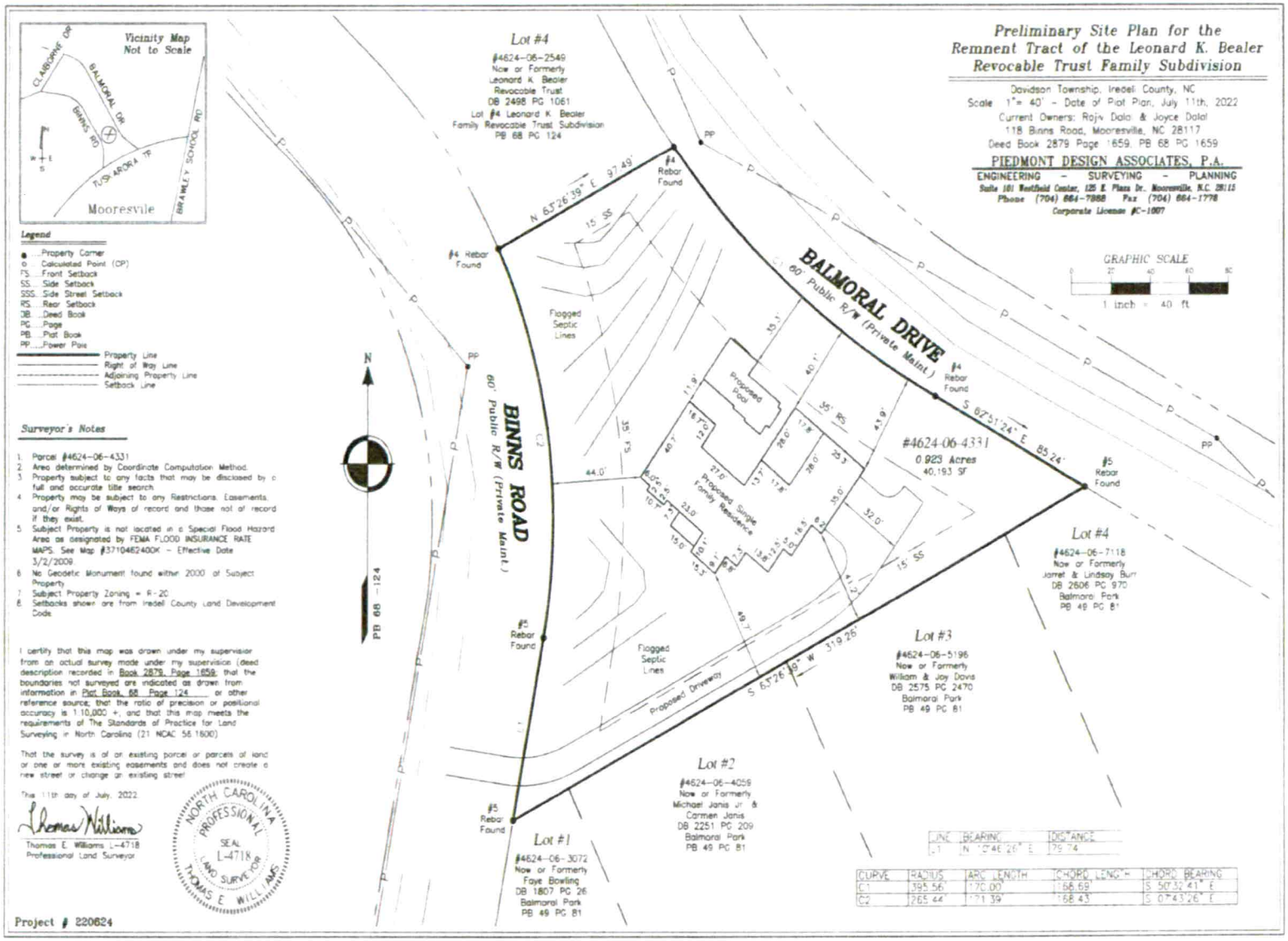
FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.




NARD K BEALER FAM REVOC TR FAMILY SUBDIVISION SEPTIC SITE PLAN; REMNANT TRACT; PARCEL NO. 4624064331 DEC. 3, 2021; rev 1.3.21
site plan from Williams Land Surveying. Septic lines approximatley sketched on site plan by Penninger Soil Consulting. Septic system and well must be
oved and permitted by ICHD




NARD K BEALER FAM REVOC TR FAMILY SUBDIVISION SEPTIC SITE PLAN; REMNANT TRACT; PARCEL NO. 4624064331 DEC. 3, 2021; rev 1.3.21
: site plan from Williams Land Surveying. Septic lines approximatley sketched on site plan by Penninger Soil Consulting. Septic system and well must be
oved and permitted by ICHD


Preliminary Site Plan for the
Remnent Tract of the Leonard K. Bealer
Revocable Trust Family Subdivision
Davidson Township, Iredell County, NC
Scale 1"= 40' - Date of Plat Plan, July 11th, 2022
Current Owners: Rajiv Dalal & Joyce Dalal
118 Binns Road, Mooresville, NC 28117
Deed Book 2879 Page 1659, PB 68 PG 1659
PIEDMONT DESIGN ASSOCIATES, P.A.
ENGINEERING - SURVEYING - PLANNING
Suite 101 Northfield Center, 125 E. Plaza Dr., Mooresville, N.C. 28115
Phone (704) 664-7888 Fax (704) 664-1778
Corporate License #C-1607
Vicinity Map
Not to Scale
CLAREMONT DR
BALMORAL DR
BINNS RD
TUSCARORA TR
BRAWLEY SCHOOL RD
Mooresvile
Legend
Property Corner
Calculated Point (CP)
FS...Front Setback
SS...Side Setback
SSS...Side Street Setback
RS...Rear Setback
BB...Deed Book
PG...Page
PB...Plat Book
PP...Power Pole
Property Line
Right of Way Line
Adjoining Property Line
Setback Line
Surveyor's Notes
1. Parcel #4624-06-4331
2. Area determined by Coordinate Computation Method.
3. Property subject to any facts that may be disclosed by a full and accurate title search.
4. Property may be subject to any Restrictions, Easements, and/or Rights of Ways of record and those not of record if they exist.
5. Subject Property is not located in a Special Flood Hazard Area as designated by FEMA FLOOD INSURANCE RATE MAPS. See Map #3710462400K - Effective Date 3/2/2009.
6. No Geodetic Monument found within 2000 of Subject Property
7. Subject Property Zoning = R-20
8. Setbacks shown are from Iredell County Land Development Code
I certify that this map was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 2879, Page 1659; that the boundaries not surveyed are indicated as drawn from information in Plat Book 68 Page 124 or other reference source; that the ratio of precision or positional accuracy is 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)
That the survey is of an existing parcel or parcels of land or one or more existing easements and does not create a new street or change an existing street
This 11th day of July, 2022.
Thomas E. Williams L-4718
Professional Land Surveyor
NORTH CAROLINA PROFESSIONAL SEAL L-4718 LAND SURVEYOR THOMAS E. WILLIAMS
Project # 220624
Lot #4
#4624-06-2549
Now or Formerly
Leonard K. Bealer
Revocable Trust
DB 2498 PG 1061
Lot #4 Leonard K. Bealer
Family Revocable Trust Subdivision
PB 68 PG 124
#4 Rebar Found
N 67°26'39" E 97.49'
#4 Rebar Found
BALMORAL DRIVE
60' Public R/W (Private Maint.)
#4 Rebar Found
S 67°51'24" E 85.24'
#5 Rebar Found
BINNS ROAD
60' Public R/W (Private Maint.)
PB 68 - 124
#5 Rebar Found
#5 Rebar Found
Flagged Septic Lines
Proposed Pool
Proposed Single Family Residence
#4624-06-4331
0.923 Acres
40,193 SF
Flagged Septic Lines
Proposed Driveway
S 67°26'39" W 319.26'
GRAPHIC SCALE
0 20 40 60 80
1 inch = 40 ft
Lot #1
#4624-06-3072
Now or Formerly
Faye Bowling
DB 1807 PG 26
Balmoral Park
PB 49 PG 81
Lot #2
#4624-06-4059
Now or Formerly
Michael Janis Jr. & Carmen Janis
DB 2251 PG 209
Balmoral Park
PB 49 PG 81
Lot #3
#4624-06-5196
Now or Formerly
William & Joy Davis
DB 2575 PG 2470
Balmoral Park
PB 49 PG 81
Lot #4
#4624-06-7118
Now or Formerly
Jarret & Lindsay Burr
DB 2606 PG 970
Balmoral Park
PB 49 PG 81
LINE BEARING DISTANCE
L1 N 12°48'26" E 79.74
CURVE RADIUS ARC LENGTH CHORD LENGTH CHORD BEARING
C1 395.56 170.00 168.69 S 50°32'41" E
C2 265.44 171.39 168.43 S 07°43'26" E

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 1
PROPERTY ID #:
COUNTY:

# SOIL/SITE EVALUATION
## *for* ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER:
ADDRESS:
PROPOSED FACILITY:
LOCATION OF SITE:
APPLICATION DATE:
DATE EVALUATED:
PROPOSED DESIGN FLOW (.1949):
PROPERTY SIZE:
PROPERTY RECORDED:

WATER SUPPLY: X Private ☐ Public ☐ Well ☐ Spring ☐ Other

EVALUATION METHOD: ☐ Auger Boring X Pit ☐ Cut

TYPE OF WASTEWATER: X Sewage ☐ Industrial Process ☐ Mixed

| PROFILE # | .1940 LANDSCAPE POSITION/ SLOPE % | HORIZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE | .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | LS 5% | 0-5 | SCL | | N/A | (36") | N/A | N/A | PS 0.2 |
| | | 5-28 | C | SBK | | ↓ | | | |
| | | 28-36 | CL | WSBK | | ↓ | | | |
| 2 | LS 5% | 0-5 | SCL | SBK | N/A | (>36") | N/A | N/A | PS 0.3 |
| | | 5-28 | C | SBK | | ↓ | | | |
| | | 28-36 | CL | WSBK | | ↓ | 28"+ | | |
| 3 | LS 5% | 0-5 | SCL | SBK | N/A | (36) | N/A | N/A | PS 0.3 |
| | | 5-23 | C | SBK | | ↓ | | | |
| | | 23-30 | CL | WSBK | | ↓ | | | |
| 4 | LS 5% | 0-12 | FILL | | N/A | (48") | N/A | N/A | PS 0.25 |
| | | 12-30 | C | SBK | YB 12 BIO" | | | | |
| | | 30-40 | CL | WSBK | | ↓ | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | | |
| System Type(s) | 50% | 50% |
| Site LTAR | 0.3 | 0.25 |

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY:
OTHER(S) PRESENT:

COMMENTS:

## Danielle Wieberg

**From:** Danielle Wieberg
**Sent:** Wednesday, February 8, 2023 9:01 AM
**To:** 'Tripp Tower'; 'Kerry Redemer'
**Subject:** 118 Binns
**Attachments:** BRN30055CCFE2D6_20230208_082104_089133.pdf

Good morning -
Can you please pass this along to the site manager for 118 Binns? There is fill dirt on the drainfield, about 20' from the ends closest to Binns Rd. I have the drainlines numbered on the attached sketch - please have someone remove fill dirt from each line so the standpipe has the indicated amount exposed. Michael Powell (828-781-5737), the installer, can give you more information if needed. We cannot pass the drainline installation without seeing this dirt removed.

Line 1 = Should have 3" pipe showing
Line 2 = Should have 6" pipe showing
Line 3 = Should have 12" pipe showing.

Again, this fill extends from the ends with the standpipes in approximately 20 feet. They do not need to remove any further than that & any removal must be done carefully so the product is not damaged.

Give me or Michael a call if needed. Thanks!

Danielle Wieberg
Environmental Health Specialist – OSWW
704-902-4482

-----Original Message-----
From: mvehscanner@co.iredell.nc.us <mvehscanner@co.iredell.nc.us>
Sent: Wednesday, February 8, 2023 8:21 AM
To: Danielle Wieberg <danielle.wieberg@co.iredell.nc.us>
Subject: Scan from Mooresville EH Scanner

Do not reply to this message