


2418 HEATH LAKE DR

19507211

1/7/2008

duponbj

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

# Mecklenburg County
## Health Department

June 6, 2002

NVR Inc., dba Ryan Homes East
10815 David Taylor Drive
Charlotte, NC 28262

Re: Application for improvement permit for
Property Site: 2418 Heat Lake Drive, lot 35
Health Department file no. 4919B

Dear Property Owner or Owner's Agent:

The Mecklenburg County Health Department, Environmental Health Division on May 31, 2002 evaluated the above-referenced property at the site designated on the plat/site plan that accompanied your improvement permit application. According to your application the site is to serve a 3-bedroom residence, with a design wastewater flow of ___360____gallons per day. The evaluation was done in accordance with the laws and rules governing wastewater systems in North Carolina General Statute 130A-333 and related statutes and Title 15A, Subchapter 18A, of the North Carolina Administrative Code, Rule .1900 and related rules.

Based on the criteria set out in Title 15A, Subchapter 18A, of the North Carolina Administrative Code, Rules .1940 through .1948, the evaluation indicated that the site is **UNSUITABLE for** a ground absorption sewage system. Therefore, your request for an improvement permit is **DENIED.** A copy of the site evaluation is enclosed. The site is unsuitable based on the following:

_____Unsuitable soil topography and/or landscape position (Rule .1940)
___X____Unsuitable soil characteristics (structure or clay mineralogy) (Rule .1941)
___X____Unsuitable soil wetness condition (Rule .1942)
_____Unsuitable soil depth (Rule .1943)
_____Presence of restrictive horizon (Rule .1944)
___X____Insufficient space for septic system and repair area (Rule .1945)
_____Unsuitable for meeting required setbacks (Rule .1950)
_____Other (Rule .1946)

For the reasons set out above, the property is currently classified **UNSUITABLE,** and an improvement permit shall not be issued for this site in accordance with Rule .1948 (c).

However, the site classified as **UNSUITABLE** may be classified as **PROVISIONALLY SUITABLE** if written documentation is provided that meets the requirements of Rule .1948(d). A copy of this rule is enclosed. You may hire a consultant to assist you if you wish to try to develop a plan under which your site could be reclassified as **PROVISIONALLY SUITABLE.**

You have a right to an informal review of this decision. You may request an informal review by the soil scientist or environmental health supervisor at the local health department. You may also request an informal review by the N. C. Department of Environment and Natural Resources regional soil specialist. A request for informal review must be made in writing to the local health department.

You also have a right to a formal appeal of this decision. To pursue a formal appeal, you must file a petition for a contested case hearing with the Office of Administrative Hearings, 6714 Mail Center, Raleigh, NC 27699-6714. To get a copy of a petition form, you may write the Office of Administrative Hearings or call the office at (919) 733-0926. The petition for a contested case hearing must be filed in accordance with the provision of North Carolina General Statutes 130A-24 and 150B-23 and all other applicable provisions of Chapter 150B. N. C. General Statue 130A-335(g) provides that your hearing would be held in the county where your property is located.

Please note: If you wish to pursue a formal appeal, you must file the petition form with the Office of Administrative Hearings **WITHIN 30 DAYS OF THE DATE OF THIS LETTER.** The date of this letter is June 6, 2002. Meeting the 30-day deadline is critical to your right to a formal appeal. Beginning a formal appeal within 30 days will not interfere with any informal review that you might request. Do no wait for the outcome of any informal review if you wish to file a formal appeal.

If you file a petition for a contested case hearing with the Office of Administrative Hearings, you are required by law (N.C. General Statute 150B-23) to send a copy of your petition to the North Carolina Department of Environment and Natural Resources. Send the copy to: Office of General Counsel, N. C. Department of Environment and Natural Resources, 1601 Mail Service Center, Raleigh, NC. 27699-1601. Do **NOT** send the copy of the petition to your local health department. Sending a copy of your petition to the local health department will **NOT** satisfy the legal requirement in N.C. General Statute 150B-23 that you send a copy to the Office of General Counsel, NCDENR.

You may call or write the local health department if you need any additional information or assistance.

Sincerely,

Joshua R. Sellers R.S.

Joshua R. Sellers, R.S.
Authorized Agent - DENR

Encl: (2)

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

Sheet: 1
Property ID: 195-072-11
Lot #: 35
File #: 4919B
Code: 2

2nd site ACS

# SOIL/SITE EVALUATION
## for ON-SITE WASTEWATER SYSTEM

Owner: NVR Inc., dba Ryan Homes East
Applicant:
Address: 10815 David Taylor Drive, Charlotte, N. C., 28762
Date Evaluated: 04/29/2002
Proposed Facility: Residence
Design Flow (.1949): 360gpd
Property Size: .69a.
Location of Site: 2418 Heath Lake Drive
Property Recorded:
Water Supply: [x] Public [ ] Individual [ ] 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 (IN.) | .1956 Sapro Class | .1944 Restr Horiz | Profile Class & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | LS, 6 | 0-18 | COMPACTED | FILL | >48" TO SOIL WETNESS | 48 | N/A | NONE | PS, IV |
| | | 18-48 | SBK/C | FI/SEXP/S/P | | | | | .225GPD/FT$^2$ |
| 2 | " | 0-22 | GR/CL | FR/SEXP/SS/SP | 2.5Y7/1@36" | 36+ | " | " | " |
| | | 22-36 | SBK/ABK/C | FI/SEXP/S/P | | | | | |
| 3 | " | 0-12 | COMPACTED | FILL | >40"TO SOIL WETNESS | 40 | " | " | US, IV |
| | | 12-24 | ABK/SBK/C | FI/SEXP/S/P | | | | | |
| | | 24-35 | ABK/PL/C | FI/SEXP/S/P | | | | | |
| | | 35-40 | ABK/C | FI/SEXP/S/P | | | | | |
| 4 | " | 0-15 | GR/CL | FR/SEXP/SS/SP | 2.5Y7/1@29" | 48 | " | " | US, IV |
| | | 15-48 | ABK/C | FI/SEXP/S/P | | | | | .225GPD/FT |
| | | | | | | | | | |

| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | US | US |
| System Type(s) | | |
| Site LTAR | .225GPD/FT$^2$ | .225GPD/FT$^2$ |

Other Factors (.1946): _____
Site Classification (.1948): UNSUITABLE
Evaluated By: W. R. Marlin, LSS, 4/29/02. W. R. Marlin
Others Present:

FILE # 4919B

COMMENTS 100% Repair

| LANDSCAPE POSITION | GROUP | TEXTURE | .1955 LTAR |
|---|---|---|---|
| R-RIDGE | I | S-SAND | 1.2-0.8 |
| S-SHOULDER SLOPE | | LS-LOAMY SAND | |
| L-LINEAR SLOPE | | | |
| FS-FOOT SLOPE | II | SL-SANDY LOAM | 0.8-0.6 |
| N-NOSE SLOPE | | L-LOAM | |
| H-HEAD SLOPE | | | |
| CC-CONCLAVE SLOPE | III | SI-SILT | 0.6-0.3 |
| CV-CONVEX SLOPE | | SICL-SILTY CLAY LOAM | |
| T-TERRACE | | CL-CLAY LOAM | |
| FP-FLOOD PLAIN | | SCL-SANDY CLAY LOAM | |
| | IV | SC-SANDY CLAY | 0.4-0.1 |
| | | SIC-SILTY CLAY | |
| | | O-ORGANIC | |

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

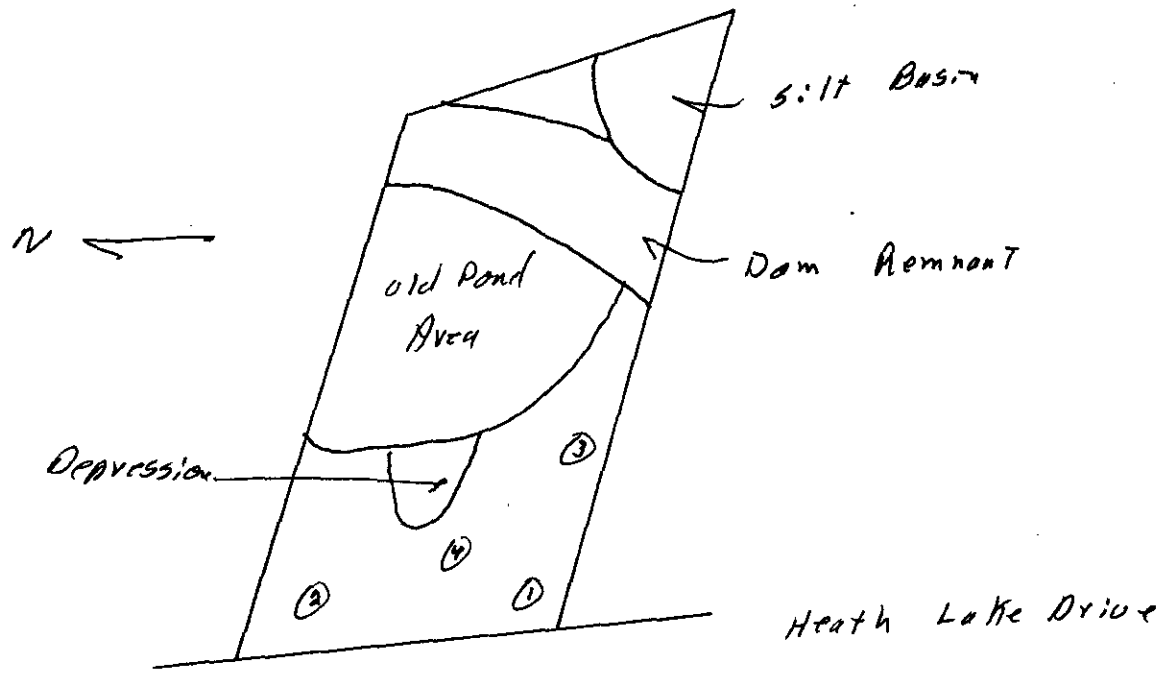
STRUCTURE

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

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE



[redacted]nt of Environment, Health, and Natural Resources
[redacted]sion of Environmental Health
On-site Wastewater Section

Sheet: 1
Property ID: 195-072-11
Lot #: 35
File #: 4919B
Code: 2

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# SOIL/SITE EVALUATION
## for ON-SITE WASTEWATER SYSTEM

Owner: NVR Inc., dba Ryan Homnes East
Applicant:
Address: 10815 David Taylor Drive, Charlotte, N. C. 28762
Date Evaluated: 04/22/2002
Proposed Facility: Residence Design Flow (.1949): 360gpd
Property Size: .69a
Location of Site: 2418 Heath Lake Drive
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 Structure/ Texture | SOIL MORPHOLOGY .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, 8 | 0-26 | DISTURBED, | FILL | | | N/A | NONE | US |
| 2 | LS, 6 | 0-4 | GR/CL | FR/SEXP/SS/SP | >38" TO SOIL WETNESS | 38 | " | " | " |
| | | 2-24 | SBK/C | FI/SEXP/S/P | | | | | |
| | | 24-38 | SBK/C | VFI/EXP/VS/VP | | | | | |
| 3 | " | 0-15 | FILL | | >30" TO SOIL WETNESS | 30 | " | " | " |
| | | 15-30 | SBK/ABK/C | VFI/EXP/VS/VP | | | | | |

| 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, 4/24/02. W. R. Marlin
Others Present:

FILE # 49193

COMMENTS 100% Repair

| LANDSCAPE POSITION | GROUP | TEXTURE | .1955 LTAR |
|---|---|---|---|
| R-RIDGE | I | S-SAND | 1.2-0.8 |
| S-SHOULDER SLOPE | | LS-LOAMY SAND | |
| L-LINEAR SLOPE | | | |
| FS-FOOT SLOPE | II | SL-SANDY LOAM | 0.8-0.6 |
| N-NOSE SLOPE | | L-LOAM | |
| H-HEAD SLOPE | | | |
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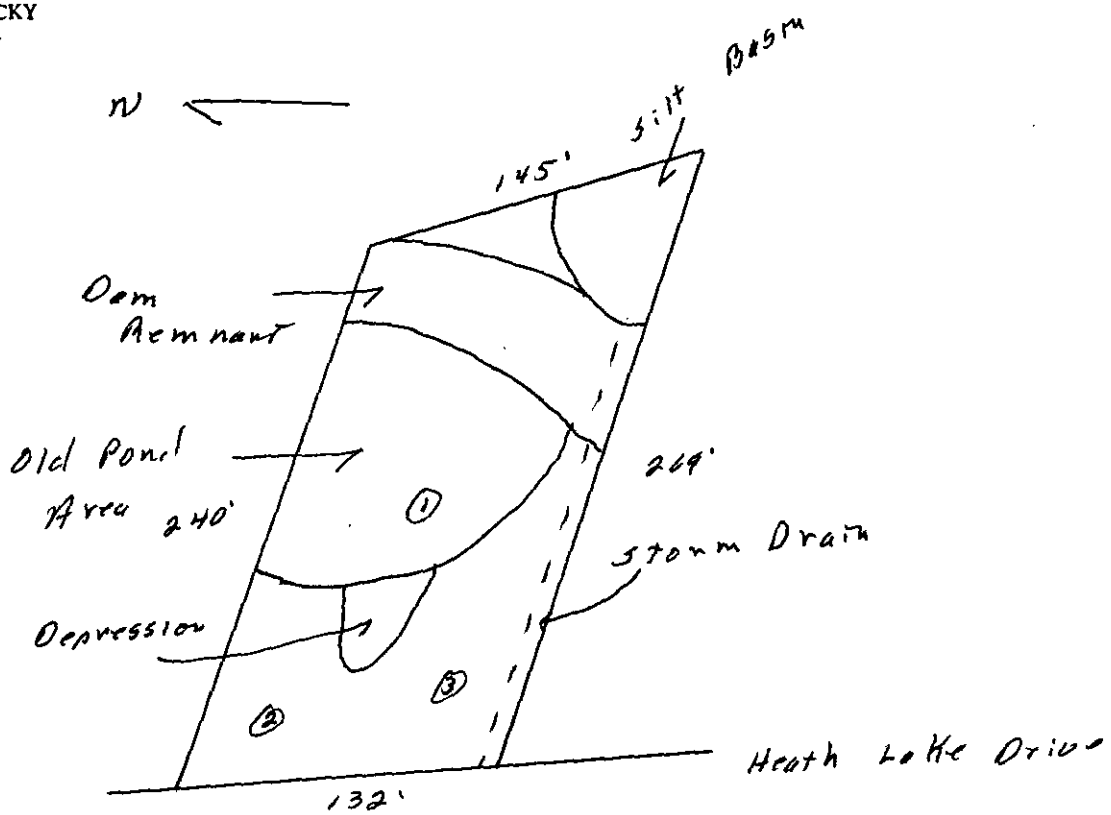
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ABK-ANGULAR BLOCKY
PL-PLATY
PR-PRISMATIC

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE



HF1035

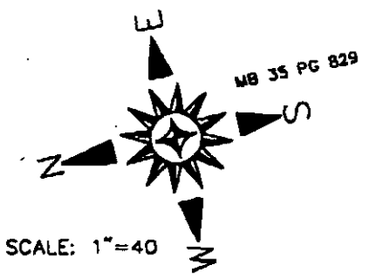
# SITE DEVELOPMENT PLAN

PREPARED BY:

DELTA LAND SERVICES, INC.
6033 FLORENCE AVENUE, SUITE 100
CHARLOTTE, NORTH CAROLINA 28212
(704) 536-6190

COPY

THIS SITE PLAN IS TO SHOW THE PROPOSED LOCATION OF THE HOUSE ON THE LOT AND IS NOT TO BE RELIED UPON FOR CONSTRUCTION.




SCALE: 1"=40




**NOT FOR RECORDATION, CONVEYANCES OR SALES**

Subdivision HEATHFIELD SUBDIVISION, PHASE 1, MAP 1 County Mecklenburg
Address 2418 Heath Lake Drive Owner Ryan Homes
Lot 35 Block ___ Plan Haviland Elevation A Drive (Left) Side (Right) ___ (Courtyard) ___ Deck X
Patio ___ Fireplace X Garage (1 Car) ___ (2 Car) X (3 Car) ___ Brick Front Basement ___ Curtain Wall X
Crawl ___ Slab ___ Other Bonus Room

REVISED:

DWN: TMC CKD: DATE: 04/ 01/ 02

G:\HEATHFIELD\HF-0035.DWG - TMC

FEE: 200.00 chk # 73438

DATE: 4/12-02

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

$100 optional 5k
Vink 4/23/03 TCHT 3P

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 #: 4919B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 195-072-11

STREET ADDRESS: 2418 Heath Lake Dr.

SUBDIVISION OR MOBILE HOME PARK NAME: Heathfield

LOT NUMBER: 35

TYPE OF BUILDING (CHECK ONE):

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

TOWNSHIP (CHECK ONE):

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

HEATED SQUARE FOOTAGE: 2415

NUMBER OF BEDROOMS: 3 NUMBER OF OCCUPANTS:

CLOSING DATE_____

FOUNDATION FOR RESIDENCE:

__ WITHOUT BASEMENT __ WITH BASEMENT /PLUMBING
__ ON SLAB
X CRAWL SPACE __ 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 X NO TYPE: _____

WATER SUPPLY (CHECK ONE): X COMMUNITY (C) __ MUNICIPAL (M) __ PRIVATE WELL (P)
__ SHARED WELL (S) __ OTHER 'SPRINGS' (O)

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

BURIED CABLES, LANDFILLS, STUMPHOLES __ YES X NO
EXISTING WASTEWATER SYSTEMS __ YES X NO
EASEMENTS OR RIGHT-OF-WAYS X YES __ NO
WELL, SPRINGS OR WATERLINES X YES __ NO
DESIGNATED WETLANDS X YES __ NO

PROPERTY OWNER: NVR Inc dba Ryan Homes East

NAME: (LAST) (FIRST) (MI)

ADDRESS: 10815 David Taylor Dr.

CITY: Charlotte STATE: NC ZIP: 28262

DAYTIME PHONE: (704 548 - 3534.

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: (LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) -

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: Tim Mast DATE: 4/5/02

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

*MECKLENBURG COUNTY*
*LAND USE AND ENVIRONMENTAL SERVICES*
***Payment Receipt***

**Receipt Information**

| | | | |
|---|---|---|---|
| **Date:** | 04/09/02 | **Amount:** | 200.00 |
| **Receipt #:** | 7352 | **Tendered:** | 200.00 |
| **Check / Auth #:** | CHECK 7349 | **Returned:** | 0.00 |
| **Received By:** | CRAIGGY | | |

**Account Information**

**Account #:** 200000
**Contractor:** RYAN HOMES
**Attn:**
**Address:** 10815 DAVID TAYLOR DRIVE
**Address:**
**City/State/Zip:** CHARLOTTE, NC 28262

| Item | Description | Permit# | Quantity | Unit Price | Total Price |
|---|---|---|---|---|---|
| 0701 | Improvment Permit App-Residen<br>2418 HEATH LAKE DRIVE, LOT 35 | | 1 | 200.00 | 200.00 |

**Outstanding Balances**

| Month-To-Date | Prior Month | 30 Days | 60 Days | 90 Days | Balance |
|---|---|---|---|---|---|
| 30.00 | | | | | |

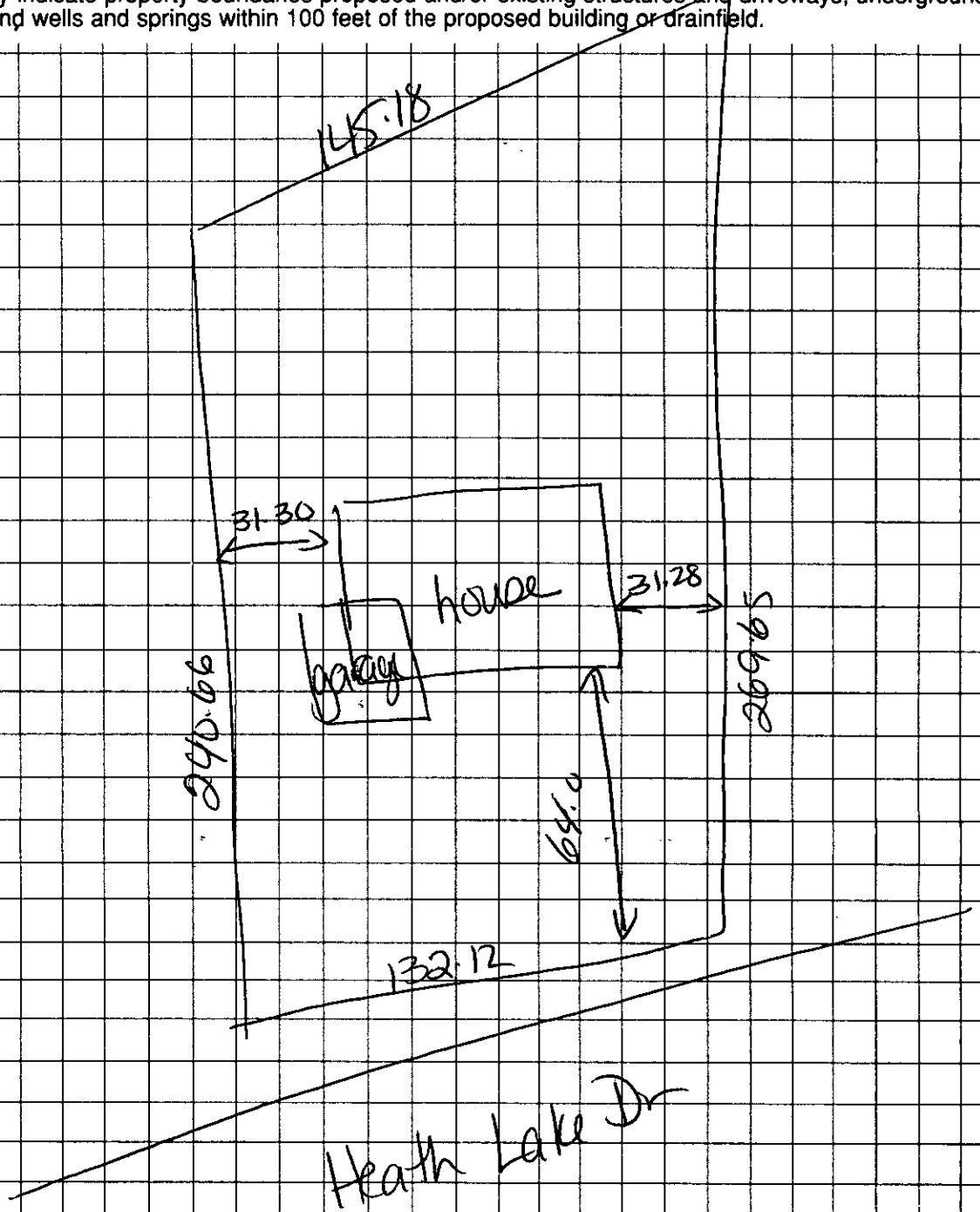
# PROPOSED PLOT PLAN

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

FILE: 49198

TC: 195-02-11

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.




NVR Inc dba Ryan Homes East

OWNER/AGENT SIGNATURE

DATE 4/5/10

APPROVAL DATE _____

HF1035

White - Health Department's Copy

Canary - E.H.S. Copy

Pink - Owner's Copy

HF1035

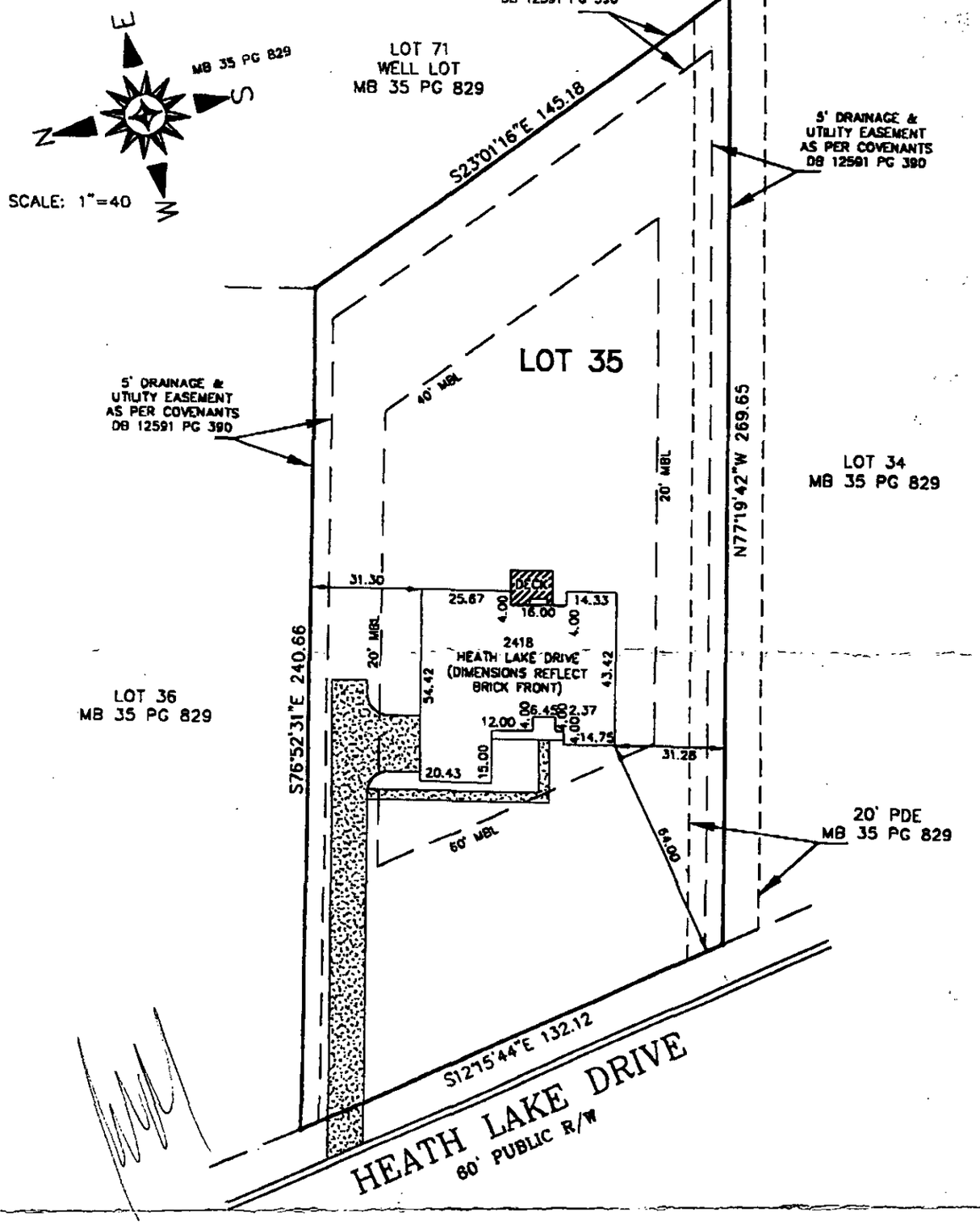
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Crawl ___ Slab ___ Other Bonus Room

REVISED:

DWN: TMC CKD: DATE: 04/ 01/ 02

G:\HEATHFIELD\HF-0035.DWG - TMC

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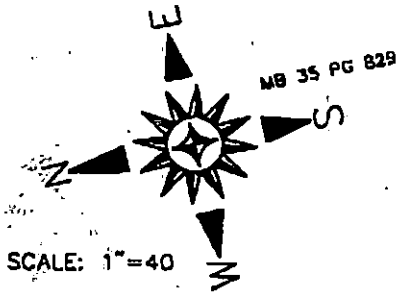
HF1035

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10' DRAINAGE & UTILITY EASEMENT AS PER COVENANTS DB 12591 PC 390

LOT 71
WELL LOT
MB 35 PG 829

S23°01'16"E 145.18

5' DRAINAGE & UTILITY EASEMENT AS PER COVENANTS DB 12591 PG 390

LOT 35

5' DRAINAGE & UTILITY EASEMENT AS PER COVENANTS DB 12591 PG 390

N77°19'42"W 269.65

LOT 34
MB 35 PG 829

20' MBL

31.30
25.67
DECK
4.00
16.00
14.33
4.00

2418
HEATH LAKE DRIVE
(DIMENSIONS REFLECT BRICK FRONT)

34.42
43.42
12.00
4.00
2.37
14.75
31.28
20.43
15.00
60' MBL
4.00

S76°52'31"E 240.66

LOT 36
MB 35 PG 829

20' PDE
MB 35 PG 829

S12°15'44"E 132.12

HEATH LAKE DRIVE
60' PUBLIC R/W