

9124 LEAH MEADOW LN

13925177

1/9/2008

duponbj

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

6157B

Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

2007 OXS OIC

GWS File #: ~~DG~~

WASPS App #: 2249

Primary ES assigned to project: DC

Secondary ES assigned to project: _____

Project Type: New System ☑ Alteration ☐ Repair ☐ Modified Plot Plan ☐ OXS ☑

I. File Review:

Rule or Law				
	Permit Application			
.1937(d)	Is the Application complete	Yes ☑	No ☐	N/A ☐
.1937(d)	Is there a Site plan/Plat with application	Yes ☑	No ☐	N/A ☐
.1937(d)	Is the Facility shown?	Yes ☑	No ☐	N/A ☐
.1937(d)	Are appurtenances shown	Yes ☑	No ☐	N/A ☐
	Site Evaluation Information			
.1939 (a)(1)	Topography and Landscape Position Recorded?	Yes ☐	No ☐	N/A ☐
.1940 (a-g)	Slope % Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(2)	Texture Class Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(2)	Structure type Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(2)	Consistence Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(2)	Mineralogy Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(3)	Soil Wetness Condition Recorded?	Yes ☐	No ☐	N/A ☐
.1939 (a)(4)	Soil Depth to Rock or Parent Material Recorded When Encountered	Yes ☐	No ☐	N/A ☐
.1939 (a)(5)	Depth to Restrictive Horizons Recorded When Encountered?	Yes ☐	No ☐	N/A ☐
.1939 (a)(6)	Sufficient Available Space Recorded?	Yes ☐	No ☐	N/A ☐
.1937(m)	Are the Profile Locations Shown?			
.1939(a)	Are the S/PS Profiles in system & in repair area?	Yes ☐	No ☐	N/A ☐
& .1945(b)	Number of auger borings made: _____ Were sufficient auger borings made?	Yes ☐	No ☐	N/A ☐
.1939(d), .1955, .1956, .1957	LTAR	Yes ☐	No ☐	N/A ☐
	Improvement Permit/Construction Authorization			
.1937(g) 130A-336(a)	Proposed System Type stated-Initial	Yes ☐	No ☐	N/A ☐
.1945(b)	Proposed System Type stated-Repair	Yes ☐	No ☐	N/A ☐
130A-336 (a)(3)	System location identifiable by setbacks - Initial	Yes ☐	No ☐	N/A ☐
.1937(g) .1945(b)	System components shown – Initial	Yes ☐	No ☐	N/A ☐
.1945(b)	Repair area shown	Yes ☐	No ☐	N/A ☐
.1937 (f)(g)	Does System design match facility, flow & WWcharacteristics?	Yes ☐	No ☐	N/A ☐
.1937 (f)(g)	Is System design consistent with soil/site conditions?	Yes ☐	No ☐	N/A ☐
.1937 (f)(g)	Is the System located in the approved area?	Yes ☐	No ☐	N/A ☐
130A-336(a)	Is the Design flow (gpd) indicated?	Yes ☐	No ☐	N/A ☐

130A-336(a)	Number of Bedrooms, employees, seats, etc. indicated?			
.1937(g)	Trench depth indicated?	Yes ☐	No ☐	N/A ☐
.1937(g)	Trench width indicated?	Yes ☐	No ☐	N/A ☐
.1937(g)	Trench length indicated?	Yes ☐	No ☐	N/A ☐
130A-336(a)(1)	Proposed/existing well shown?	Yes ☐	No ☐	N/A ☐
130A-336(a)(1)	Property line lengths shown?	Yes ☐	No ☐	N/A ☐
130A-336(a)	Facility/appurtenance setbacks shown from fixed points?	Yes ☐	No ☐	N/A ☐
	Operation Permit			
.1937(i)	System type as described in table V(a) of rule .1961	Yes ☐	No ☐	N/A ☐
.1937(i)	Conditions for system performance, operation, maintenance, monitoring and reporting.	Yes ☐	No ☐	N/A ☐

H. WASPS Review:

Construction authorization issued	Yes ☐	No ☐	N/A ☐
Installation approval issued	Yes ☐	No ☐	N/A ☐
Operation permit issued	Yes ☐	No ☐	N/A ☐
Other related documentation	Yes ☐	No ☐	N/A ☐

Items requiring correction/modification: _____

Comments:

per DL repair are not affected by garage ux5

IA issued date: _____

OP issued date: _____

Review performed by: MCR Date performed: 5/4/07

FEE: 100.00 Cash
DATE: 5/4/07
CRT / 1
SC

LD 232349

APPLICATION FOR APPROVAL TO USE AN EXISTING ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM
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 01/05

FILE #: 6157B

TYPE APPLCATION: 2249 IDL

- ☐ ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A / M)
- ☒ ADDITION - RENOVATION OR GARAGE WITH NO MAJOR CHANGES (X)
- ☐ EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
- ☐ COMMERCIAL OR INDUSTRIAL (N)

PERSON FILING APPLICATION:
NAME: Aleksandr Voronin
ADDRESS: 9124 Leah meadow ln
CITY: mint Hill
STATE: N.C. ZIP: 28227
PHONE: (704) 573-4701
ALTERNATE PHONE: 650-5974

PROPERTY OWNER: PH 232349 D.C
NAME:
ADDRESS:
CITY:
STATE: ZIP:
PHONE:
ALTERNATE PHONE:

JOB LOCATION INFORMATION
TAX/PARCEL #: 139-251-79
STREET ADDRESS: 9124 Leah Meadow LN
CITY:
STATE: NC ZIP:
SUBDIVISION OR MOBILE HOME PARK NAME:
LOT #: 33

TOWNSHIP:
- ☐ 0-MECKLENBURG
- ☐ 1-CHARLOTTE
- ☐ 2-DAVIDSON
- ☐ 3-CORNELIUS
- ☐ 4-PINEVILLE
- ☐ 5-MATTHEWS
- ☐ 6-HUNTERSVILLE
- ☒ 7-MINT HILL

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)

NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 12

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: 05-04-07

*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 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

ADDITION APPROVED. OK TO UES FOR DETACHED GARAGE, AS MARKED

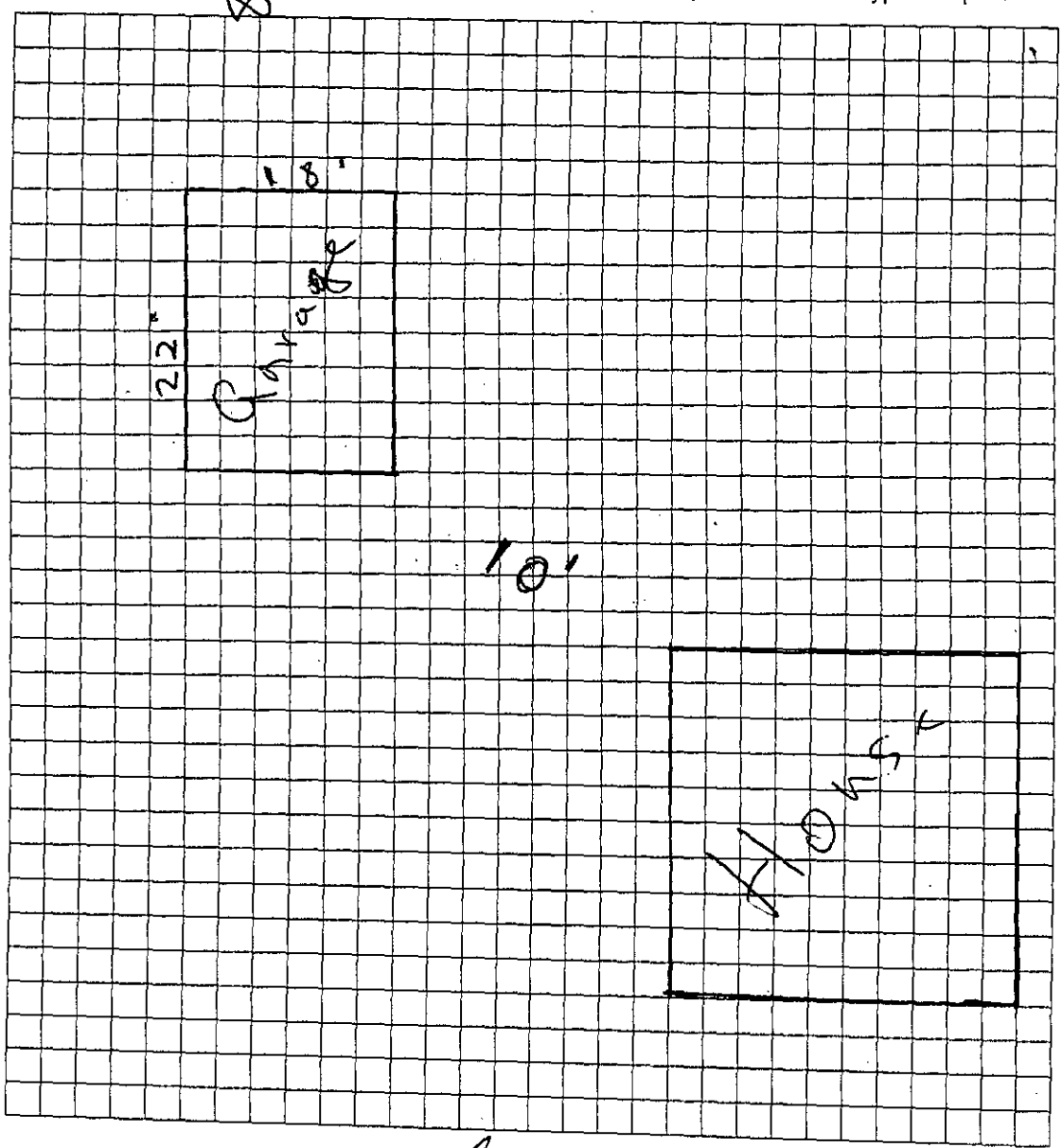
EHS Signature — Date: 5/8/07

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 # 61578
Date 5-4-07

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 5-4-07

LBC 12/15/04

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

NC DENR
Division of Environmental Health
On-Site Wastewater Section

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

File #: 61578 Permit #: _____ Tax Parcel #: 139-251-19

Property Owner: Gold Medallion Homes

Job Location Address: 9124 Lush Meadow Lane Lot # 33

City: Charlotte State: NC Zip Code: 28227

Operation Permit Issuance Date: 07-12-06 Contractor Name: B. McCourt

Permitted Design Flow: 480 GPD
Liquid Capacity of Septic Tank: 1500 gallons
Liquid Capacity of Dosing Tank: N/A gallons
Effluent Pump Model: N/A.

Drainfield Installation ☐ N/A
Trench Depth: 36" inches
Trench Width: 3' feet
Line Spacing: 9' feet (O.C.)
Total line length: 400' feet
# of Lines: 5 @ 80' feet
Depth of Media: 12" inches (Type) EZ Flow.
Depth of Cover: 24" inches
Distribution Device: Serial Dist. D.Boxes

Inspection Dates
Tank(s) Inspected: 07-12-06
Excavation Inspected: 07-12-06
Pump & Controls Inspected: N/A.

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: _____

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)

Went in as drawn on Installation approval.

Water Supply Source
☐ Municipal ☑ Private Well ☐ Community Well
☐ Other _____

System Installation Setbacks
Distance from Building Foundation: >5' feet
Distance from Property Line: >10' feet
Distance from Water Supply Source: >50' feet

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: Type IIIG system installed for a 4 bedroom / design unit. Type IIIG Repair area.

DENR Authorized Agent: Joshua R. Sellers RS Signature: Bobby McCourt

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

NC DENR
Division of Environmental Health
On-Site Wastewater Section

INSTALLATION APPROVAL for an
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 6157B Permit #: _____ Tax Parcel #: 139-251-19

Property Owner: GOLD MEDALLION HOMES

Job Location Address: 9124 LEAH MEADOW LN LOT #33

City: CHARLOTTE State: NC Zip Code: 28227

Installation Approval Issuance Date: 7/11/06

Permission is hereby given to ☑ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge, as specified herein at the described location. This approval is granted based upon the application information submitted to our office. All work shall be completed on or before 7/25/06, after which date this approval shall be null and void. The system shall meet all of the construction requirements of 15A NCAC 18A. 1900 which are in effect on the date of granting this approval. An **Operation Permit** must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now of hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.
***NOTICE: This system shall not be installed while soils are in a wet condition.**

Permitted Design Flow: 480 GPD Site LTAR: 0.3 GPD/ft² (For new installations only.)

Liquid Capacity of Septic Tank: 1500 gallons Liquid Capacity of Dosing Tank: N/A gallons

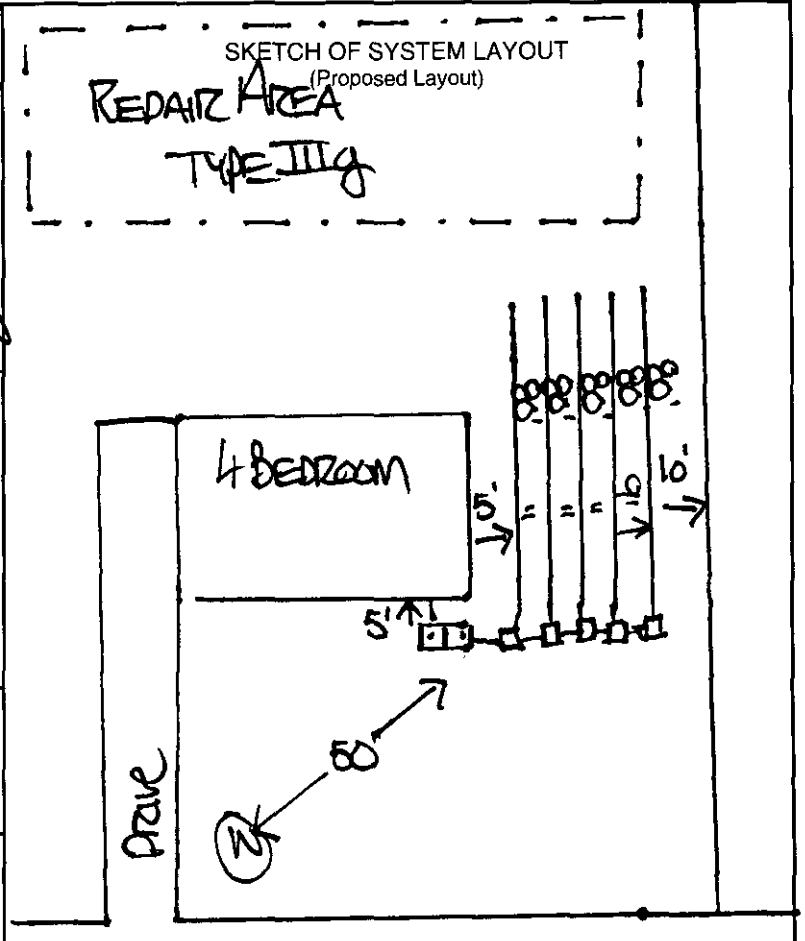
Drainfield Design ☐ N/A
Trench Depth: 36 inches
Trench Width: 3 feet
Line Spacing: 9 feet (O.C.)
Total line length: 400 feet
# of Lines: _____ @ _____ feet
Depth of Media: 12 inches (Type) INW, 25% REDUCTION
Distribution Device: D-Box

Bed Design *(For Repair Installations ONLY.)* ☑ N/A
Bed Depth: _____ inches
Bed Width: _____ feet
Total line length: _____ feet
# of Lines: _____ @ _____ feet
Depth of Media: _____ inches (Type) _____
Distribution Device: _____

Water Supply Source
☐ Municipal ☑ Private Well ☐ Community Well
☐ Other _____

Minimum System Setbacks
Distance from Building Foundation: 5 feet
Distance from Property Line: 10 feet
Distance from Water Supply Source: 50 feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)



Comments: System Classification & Type: IIIg. INADEQUATE, 25% REDUCTION. INSTALL 5 LINES @ 80' EACH. 1500 GAL ST. DropBox DISTRIBUTION. >50' FROM WELL >10' FROM PROPERTY LINE, >5' FROM HOUSE FOUNDATION.

DENR Authorized Agent: DAVID CORNELIUS, RS Signature: _____

6157D

6157B

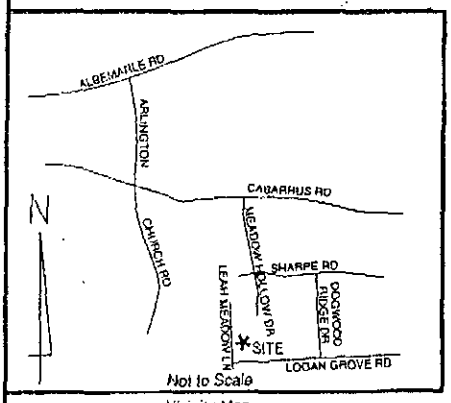
THIS IS TO CERTIFY THAT ON THE 5 DAY OF December 20 05 AN ACTUAL SURVEY WAS DONE UNDER MY SUPERVISION OF THE PROPERTY SHOWN HEREON. THIS MAP IS NOT INTENDED TO MEET GS 47-30 RECORDING REQUIREMENTS.

SIGNED Robert L. Bishop

Bishop Land Surveying, Inc.
15806 Brookway Drive, Suite 200-F
Huntersville N.C. 28078
Phone (704) 987-3080
Fax (704) 987-3008

NORTH CAROLINA PROFESSIONAL SEAL L-3957 LAND SURVEYOR ROBERT L. BISHOP

1"=60'



Vicinity Map

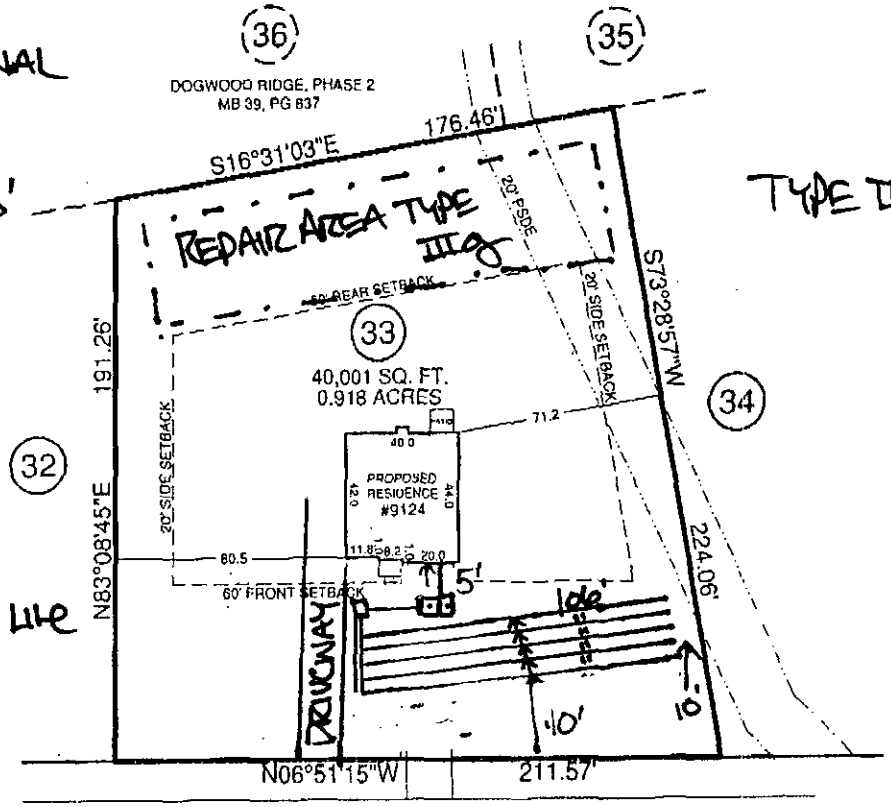
MB 39, PG 837

LEGEND

E.I.P.	EXISTING IRON PIN
E.C.M.	EXISTING CONCRETE MONUMENT
S.I.P.	RE-SET IRON PIN
———	PROPERTY LINE
— — —	ADJOINER PROPERTY LINE BY DEED OR PLAT
P.S.D.E.	PUBLIC STORM DRAINAGE EASEMENT
CLOSURE	EXCEEDS 1 in 10,000
F.F.E.	FLOOD PROTECTION ELEVATION
	POWER POLE

- TYPE II CONVENTIONAL
- 533' TLF
- INSTALL 5 LINES @ 106'
- PLACE LINES LEVEL & ON CONTOR
- 9' ON CENTER
- 1500 GAL S.T.
- SETBACKS:
  - 10' FROM PROPERTY LINE
  - 5' FROM HOUSE

TYPE IIIg REPAIR



LEAH MEADOW LANE
60' PUBLIC R/W

Plot Plan SURVEY
OF
Lot 33, Dogwood Ridge, Phase 3
Clear Creek Twsp., Mecklenburg County, N.C.

SCALE 1"= 60'

THE PROPERTY OF Gold Medallion Homes

MAP RECORDED IN BOOK 44 AT PAGE 752 DEED RECORDED IN BOOK _____ PAGE _____

Drawn By:BDH

FILE:C:\LAND PROJECTS 3\Meck County\DWG\Dogwood Ridge Lot 33.DWG

12/28/05

FEE: 300.00

DATE: 3/17/2006

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

MECKLENBURG COUNTY

GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 6157B

PERMIT NUMBER: 30000504

PARCEL NUMBER: 13925119

JOB LOCATION INFORMATION

ADDRESS: 9124 LEAH MEADOW LN

CITY: **STATE: NC** **ZIP:**

ISSUED TO: Gold Medallion Homes

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 3/17/2006

CONSTRUCTION AUTHORIZATION CONDITIONS

1. **WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30000504, 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. **AN INSTALLATION APPROVAL MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A REGISTERED SEPTIC TANK CONTRACTOR WITH THE MECKLENBURG COUNTY HEALTH DEPARTMENT.**

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, NOT TO EXCEED 60 MONTHS.**
   ***CONSTRUCTION AUTHORIZATION EXPIRATION DATE: 12/20/2010**

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	03/17/06	**Amount:**	150.00
Receipt #:	42646	**Tendered:**	0.00
Check / Auth #:	CHARGE	**Returned:**	0.00
Received By:	WALKEVA		

Account Information

Account #: X35814
Contractor: GOLD MEDALLION HOMES LLC
Attn:
Address: 7240 FOREST RIDGE DR
Address:
City/State/Zip: MATTHEWS, NC 28104

Item	Description	Permit#	Quantity	Unit Price	Total Price
0703	Installation/Final Approval 9124 LEAH MEADOW LANE LOT 33		1	150.00	150.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
1,100.00					

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 03/17/06
Receipt #: 42645
Check / Auth #: CHARGE
Received By: WALKEVA

Amount: 150.00
Tendered: 0.00
Returned: 0.00

Account Information

Account #: X35814
Contractor: GOLD MEDALLION HOMES LLC
Attn:
Address: 7240 FOREST RIDGE DR
Address:
City/State/Zip: MATTHEWS, NC 28104

Item	Description	Permit#	Quantity	Unit Price	Total Price
0734	Auth for Waste Wtr Sys Constr 9124 LEAH MEADOW LANE LOT 33		1	150.00	150.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
950.00					

CONDITIONS OF IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATON

Permit Number: **6157B** Tax Number: **139-441-05**

- The 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. 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)	480 Max gallons/day wastewater flow	1600 Absorption Area (ft^2)	9 Trench spacing (min. on centers) (ft)
Serviced by private well: ☒ Yes ☐ No	1500 Gallon septic tank	533 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.)
4 Bedrooms in residence	na Gallon pump tank	12 Depth of stone (in)	

Any surface water present: **No** Type: Minimum separation distance (ft):

Additional conditions: LOT #33

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:

1200 Absorption Area (ft^2) 400 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 HEALTH 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 Systems 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.

Dan Martin, RS 12/20/05
DENR Authorized Agent Date

Matt Ghan 3/17/06
Owner/Agent Signature Date

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 N. TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE: (704) 336-5103
FAX: (704) 336-6894

NC DENR
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

~~#470~~ #504 LD Project # 167698

GWS – RES. APP 07/05

SEPTIC FEE: ____
DATE: ____
CRT.[ ]

PERMIT APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATION FOR ON-SITE WASTEWATER SYSTEM NEW WELL INSTALLATION OR REPAIR OF EXISTING WELL MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES

WELL FEE: 400.00
DATE: 3/8/06
CRT.[ ] CK # 6525 W.W.

FILE # 61573

SEPTIC / TYPE APPLICATION: ☐ NONE ☐ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFY PLOT PLAN

WELL / TYPE APPLICATION: ☐ NONE ☑ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

JOB LOCATION INFORMATION: Parent Parcel #
TAX/PARCEL #: 139-441-05, 139-281-15, 139-251-30
STREET ADDRESS: 9124 Leah Meadow Lane
CITY: Charlotte
STATE: NC **ZIP:** 28227 139-251-19
SUBDIVISION OR MOBILE HOME PARK NAME: Dogwood Ridge
LOT #: 33
TOWNSHIP:

☐ 0-MECKLENBURG ☐ 4-PINEVILLE
☐ 1-CHARLOTTE ☐ 5-MATTHEWS
☐ 2-DAVIDSON ☐ 6-HUNTERSVILLE
☐ 3-CORNELIUS ☑ 7-MINT HILL

BUILDING INFORMATION:
TYPE OF BUILDING:

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

HEATED SQUARE FOOTAGE: 2960
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS:

FOUNDATION FOR RESIDENCE:

☑ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING
☐ CRAWLSPACE ☐ BASEMENT WITH NO PLUMBING

IF PLANNING TO EXPAND/ALTER THE EXISTING SYSTEM INDICATE THE FOLLOWING CHANGES:
NUMBER OF BEDROOMS TO BE ADDED: NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE:
WILL THERE BE A HOME BUSINESS IN THE RESIDENCE? ☐ YES ☑ NO TYPE:

WATER SUPPLY:

☐ MUNICIPAL (M) ☐ PUBLIC (C) ☑ PRIVATE WELL (P) ☐ SHARED WELL (S) ☐ OTHER 'SPRINGS' (O)

PROPOSED USE OF WELL: ☐ N/A ☐ IRRIGATION ☐ POTABLE ☐ GEOTHERMAL ☐ OTHER

ARE ANY OF THE FOLLOWING LOCATED ON THE PROPERTY? IF SO, PLEASE SHOW LOCATION ON SITE PLAN/PLAT.

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES	☑ NO	WELLS, SPRINGS, OR WATER LINES	☐ YES	☑ NO
EXISTING WASTEWATER SYSTEMS	☐ YES	☑ NO	DESIGNATED WETLANDS	☐ YES	☑ NO
EASEMENTS OR RIGHT-OF-WAYS	☐ YES	☑ NO	GRADING/SOIL REMOVAL PERFORMED	☑ YES	☐ NO

PROPERTY OWNER:
NAME: Gold Medallion Homes
ADDRESS: 5923-A Stockbridge Dr.
CITY: Monroe
STATE: NC ZIP: 28110
HOME PHONE: WORK PHONE: 704-821-7606
MOBILE PHONE: FAX: 704-821-1097

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:
NAME:
ADDRESS:
CITY:
STATE: ZIP:
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?
WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?

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

Owner's/Agent's Signature Date

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT & NATURAL RESOURCES DIVISION
OF ENVIRONMENTAL HEALTH ON-SITE
WASTEWATER SECTION

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

Owner's/Agent's Signature 3/6/06 Date

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

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

Sheet: 1 of 2
Property ID: PO 139-441-05
Lot #: 33
File #: 6157B
Code: 1

ACS

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Clay Hucks
Applicant:
Address: 1231 Forest Bluff Drive, Midland, N. C. 28107
Date Evaluated: 11/1/05
Proposed Facility: Residence
Design Flow (.1949): 360gpd
Property Size: .92a
Location of Site: Leah Meadows Lane
Property Recorded:
Water Supply: [ ] Public [x] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [ ] 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, 8	0-7	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV
		7-48	SBK/C	FI/SEXP/S/P					.3GPD/FT
2	"	0-6	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		6-48	SBK/C	FI/SEXP/S/P					
3	"	0-7	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		7-49	SBK/C	FI/SEXP/S/P					
4	"	0-6	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		6-48	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

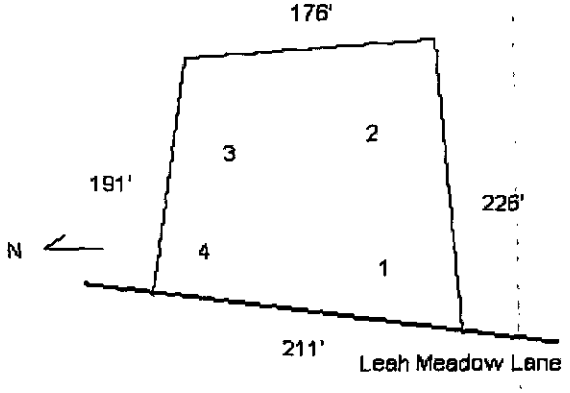
Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 11/3/2005, W. R. Marlin
Others Present:

COMMENTS:
100% repair

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



#504

GWS – RES. APP 07/05

Cert B42360
SEPTIC FEE 260
DATE: 9/22/05
CRT [ ]
SC

PERMIT APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATION FOR ON-SITE WASTEWATER SYSTEM NEW WELL INSTALLATION OR REPAIR OF EXISTING WELL MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES

WELL FEE: _____
DATE: _____
CRT [ ]

FILE # 61578

SEPTIC / TYPE APPLICATION: ☐ NONE ☑ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFY PLOT PLAN

WELL / TYPE APPLICATION: ☐ NONE ☐ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

JOB LOCATION INFORMATION: 139-25-19

TAX/PARCEL #: 139-251-05
STREET ADDRESS: 9124 Leech Meadow Ln
CITY: Charlotte
STATE: NC ZIP: 28227
SUBDIVISION OR MOBILE HOME PARK NAME:
LOT #: 33
TOWNSHIP:

☐ 0-MECKLENBURG ☐ 4-PINEVILLE
☐ 1-CHARLOTTE ☐ 5-MATTHEWS
☐ 2-DAVIDSON ☐ 6-HUNTERSVILLE
☐ 3-[illegible]NELIUS ☑ 7-MINT HILL

BUILDING INFORMATION:

TYPE OF BUILDING:

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

HEATED SQUARE FOOTAGE: 2000
NUMBER OF BEDROOMS: 3
NUMBER OF OCCUPANTS: 2

FOUNDATION FOR RESIDENCE:

☐ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING
☑ CRAWLSPACE ☐ BASEMENT WITH NO PLUMBING

IF PLANNING TO EXPAND/ALTER THE EXISTING SYSTEM INDICATE THE FOLLOWING CHANGES:

NUMBER OF BEDROOMS TO BE ADDED: NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE:

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE? ☐ YES ☐ NO TYPE:

WATER SUPPLY:

☐ MUNICIPAL (M) ☐ PUBLIC (C) ☑ PRIVATE WELL (P) ☐ SHARED WELL (S) ☐ OTHER 'SPRINGS' (O)

PROPOSED USE OF WELL: ☐ N/A ☐ IRRIGATION ☐ POTABLE ☐ GEOTHERMAL ☐ OTHER

ARE ANY OF THE FOLLOWING LOCATED ON THE PROPERTY? IF SO, PLEASE SHOW LOCATION ON SITE PLAN/PLAT.

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES	☑ NO	WELLS, SPRINGS, OR WATER LINES	☐ YES	☑ NO
EXISTING WASTEWATER SYSTEMS	☐ YES	☑ NO	DESIGNATED WETLANDS	☐ YES	☑ NO
EASEMENTS OR RIGHT-OF-WAYS	☐ YES	☑ NO	GRADING/SOIL REMOVAL PERFORMED	☐ YES	☑ NO

PROPERTY OWNER:

NAME: Clay Hughes
ADDRESS: 1231 Forest Bluff Dr
CITY: Midland
STATE: NC ZIP: 28107
HOME PHONE: 888 8909 WORK PHONE: 361-4162
MOBILE PHONE: FAX:

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME:
ADDRESS:
CITY:
STATE: ZIP:
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?

WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?

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

Owner's/Agent's Signature 9-22-05 Date

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT & NATURAL RESOURCES DIVISION
OF ENVIRONMENTAL HEALTH ON-SITE
WASTEWATER SECTION

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

Owner's/Agent's Signature Date

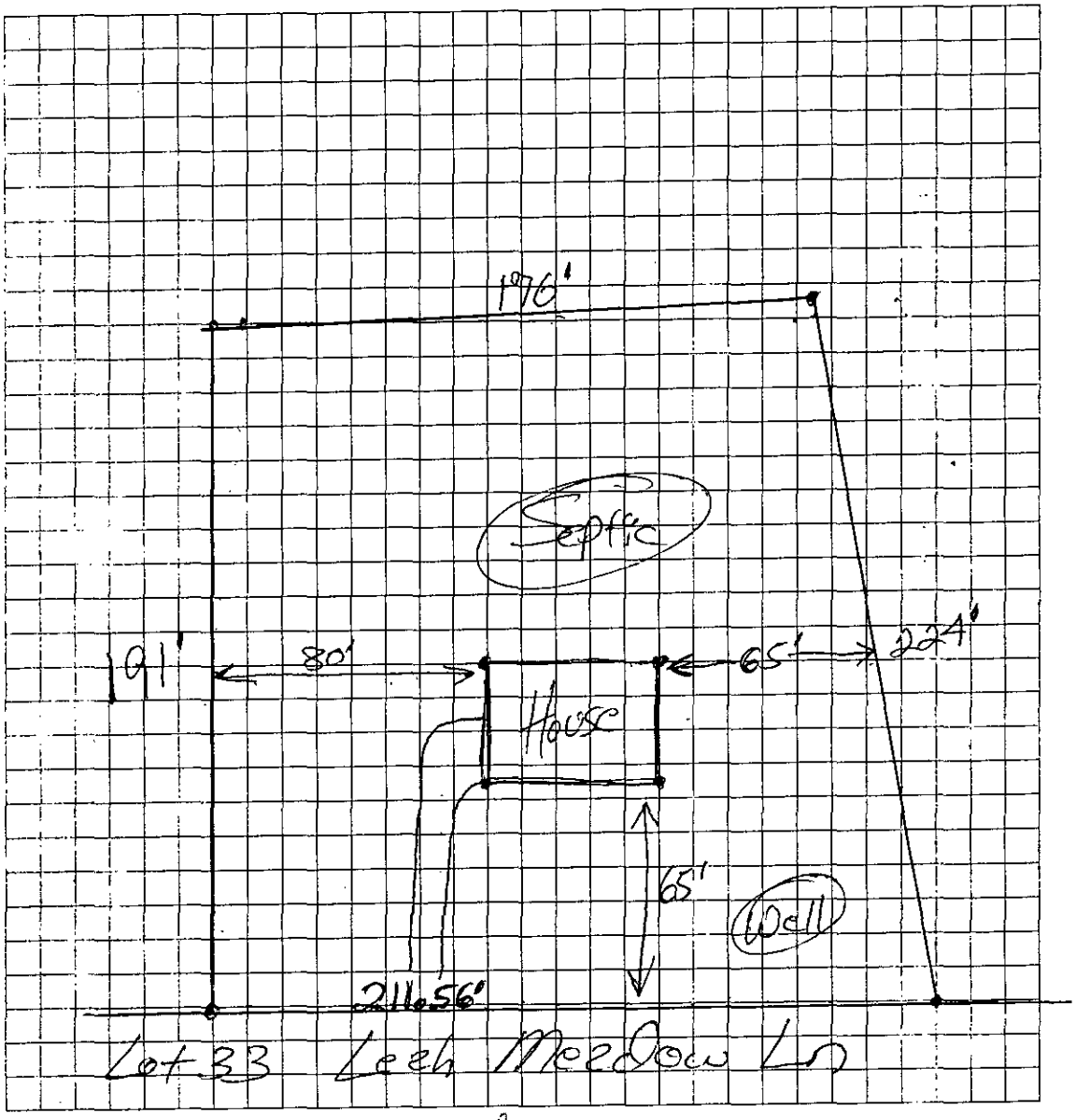
MECKLENBURG COUNTY HEALTH DEPARTMENT
GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211
CHARLOTTE, NC 28202 704-336-5103 / FAX: 704-336-6894

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 # 6157B
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	Cindy Hanks
Date	9-22

LBC 12/15/04

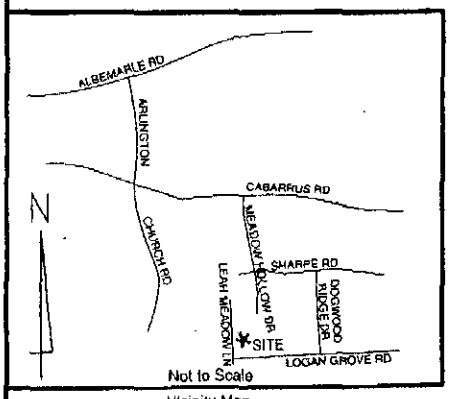
6157B

THIS IS TO CERTIFY THAT ON THE 5 DAY OF December 20 05 AN ACTUAL SURVEY WAS DONE UNDER MY SUPERVISION OF THE PROPERTY SHOWN HEREON. THIS MAP IS NOT INTENDED TO MEET GS 47-30 RECORDING REQUIREMENTS.

SIGNED Robert L. Bishop

Bishop Land Surveying, Inc.
15806 Brookway Drive, Suite 200-F
Huntersville N.C. 28078
Phone (704) 987-3080
Fax (704) 987-3008

NORTH CAROLINA PROFESSIONAL SEAL L-3957 LAND SURVEYOR ROBERT L. BISHOP

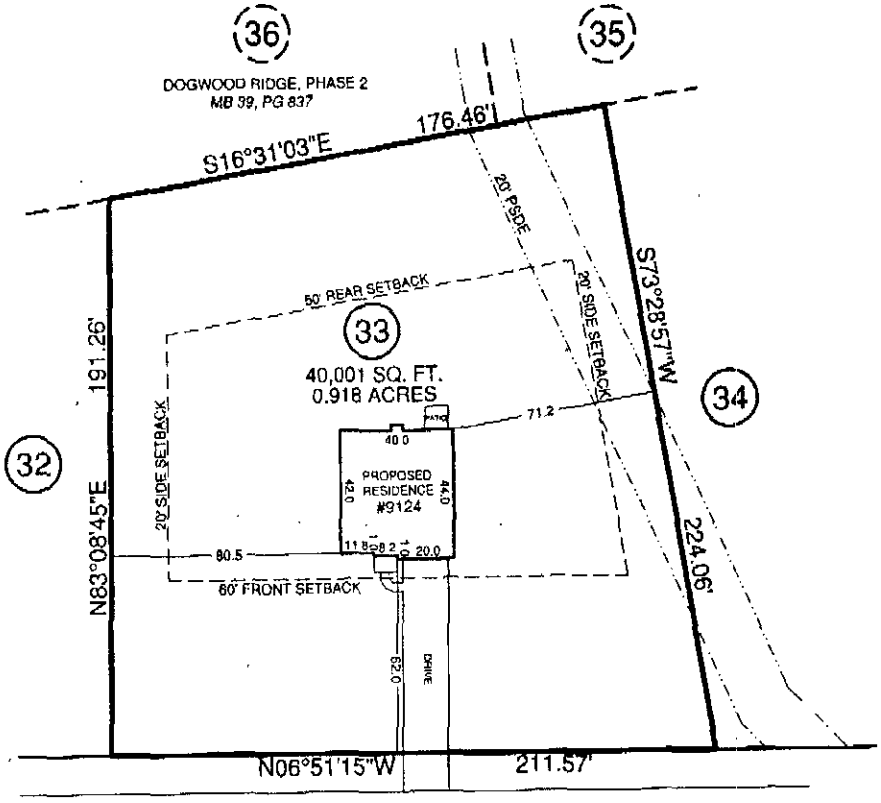


Vicinity Map

MB 39, PG 837

LEGEND

E.I.P.	EXISTING IRON PIN
E.C.M.	EXISTING CONCRETE MONUMENT
S.I.P.	SET IRON PIN
	PROPERTY LINE
	ADJOINER PROPERTY LINE BY DEED OR PLAT
P.S.D.E.	PUBLIC STORM DRAINAGE EASEMENT
CLOSURE	EXCEEDS 1in 10,000
F.P.E.	FLOOD PROTECTION ELEVATION
	POWER POLE



LEAH MEADOW LANE
60' PUBLIC R/W

Plot Plan SURVEY
OF
Lot 33, Dogwood Ridge, Phase 3
Clear Creek Twsp., Mecklenburg County, N.C.

SCALE 1"= 60'

THE PROPERTY OF Gold Medallion Homes

MAP RECORDED IN BOOK 44 AT PAGE 752 DEED RECORDED IN BOOK _____ PAGE _____

Drawn By:BDH

FILE:C:\LAND PROJECTS 3\Meck County\DWG\Dogwood Ridge Lot 33.DWG

CHARLOTTE.

Laboratory Analysis Report
Report Date: 7/14/2006 03:52 PM

7/26/06

LABORATORY SERVICES DIVISION

LOCATION: G-490
LOC ID: G-NEW
SAMPLE DATE-TIME: 7/11/2006 15:25 CHAIN OF CUSTODY #: 06070163
SAMPLE DESCRIPTION: Grab

	Parameter	Result	Units	RL	Method	Start Date/ Time	Analyst
AB79098	**NITRATE/NITRITE**	**0.39**	**mg/L**	0.05	EPA 353.2	7/12/2006 8:09	EWN
AB79098	**NITRITE**	**<0.05**	**mg/L**	0.05	EPA 353.2	7/11/2006 16:11	EWN

Comment:

Laboratory Supervisor: _____

Laboratory Certifications: McAlpine NC DENR No.148; Brookshire NC DENR No.162; Hal Marshall N.C. DENR No. 192, N.C. DHHS Laboratory No. 37527

CHARLOTTE-MECKLENBURG UTILITIES - LABORATORY SERVICES DIVISION

Hal Marshall Laboratory, 700 North Tryon St., Charlotte, NC 28202, 704/336-5460

CHAIN OF CUSTODY RECORD

CLIENT:	**Mecklenburg County, LUESA - Groundwater & Wastewater Services**
FACILITY:	Groundwater **(Potable Water)**
ADDRESS:	9124 Leah Meadows, Charlotte, NC 28227
LAB CODE:	REAL PRIV (NEW) TNC MPL PME AMB LM OTHER

Send Report To:
Debra Howell
700 N. Tryon St., Suite 211
Charlotte, NC 28202

COC#: 060701163

Sampled By (Print Name)
Debra Howell

AB79098

SAMPLE ID	Sample Collector's Initials	Sample Collection: Begin Date and Time	Sample Collection: End Date and Time	Chlorinated System: Y or N	Sample Temperature: Collection Temp °C	Sample Temperature: Receipt Temp °C	Sample Type: Depth Composite	Sample Type: Auto Composite	Sample Type: Hand Comp	Sample Type: Grab	Sample Containers: Plastic	Sample Containers: Glass	Sample Containers: # Containers	Chemical Preservative: None	Chemical Preservative: HNO3	Chemical Preservative: H2SO4	Chemical Preservative: NaOH	Chemical Preservative: HCl	Chemical Preservative: Na2S2O3	Chemical Preservative: pH Correct	Analyses Requested: Nitrate	Analyses Requested: Nitrite
G-490	DH	7-11-06 3:27 PM	N/A N/A	N	12.5°C	5.4				X	500 ml		1			X				2 N	X	
G-490	DH	7-11-06 3:25 PM	N/A N/A	N						X	125 ml		1	X								X

Instructions:
Complete all yellow shaded sections
For each parameter requested circle the X to verify your request.
Nutrients include:
Metals: Itemize the individual metals requested here -
For Composite samples record the autosampler Begin date/time and End date/time, for Grab samples record the collect time as the Begin date/time only.
Blue is for lab use only

Comments: ****Nitrate and Nitrate Analysis Requested****

Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Debra Howell	Adrienne Moseley	07-11-06	1631
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time

Form Revision 07; effective 02/16/2006

Lab Codes: REAL=Real Estate, PRIV=Private Well, NEW=New Permitted Well, TNC=Transient Non-Community, AMB=Ambient, LM=Landfill

CHARLOTTE.
CHARLOTTE-MECKLENBURG UTILITIES

Laboratory Analysis Report
Report Date: 7/14/2006 03:52 PM

7/26/06

LABORATORY SERVICES DIVISION

LOCATION: G-490
LOC ID: G-NEW
SAMPLE DATE-TIME: 7/11/2006 15:25 CHAIN OF CUSTODY #: 06070163
SAMPLE DESCRIPTION: Grab

	Parameter	Result	Units	RL	Method	Start Date/ Time	Analyst
AB79098	**NITRATE/NITRITE**	**0.39**	**mg/L**	0.05	EPA 353.2	7/12/2006 8:09	EWN
AB79098	**NITRITE**	**<0.05**	**mg/L**	0.05	EPA 353.2	7/11/2006 16:11	EWN

Comment:

Laboratory Supervisor: _____

Laboratory Certifications: McAlpine NC DENR No.148; Brookshire NC DENR No.162; Hal Marshall N.C. DENR No. 192, N.C. DHHS Laboratory No. 37527

CHARLOTTE-MECKLENBURG UTILITIES - LABORATORY SERVICES DIVISION

Hal Marshall Laboratory, 700 North Tryon St., Charlotte, NC 28202, 704/336-5460

CHAIN OF CUSTODY RECORD

CLIENT:	**Mecklenburg County, LUESA - Groundwater & Wastewater Services**
FACILITY:	Groundwater **(Potable Water)**
ADDRESS:	9124 Leah Meadows, Charlotte, NC 28227
LAB CODE:	REAL PRIV (NEW) TNC MPL PME AMB LM OTHER

Send Report To:
Debra Howell
700 N. Tryon St., Suite 211
Charlotte, NC 28202

COC#: 060701163

Sampled By (Print Name)
Debra Howell

AB29098

SAMPLE ID	Sample Collector's Initials	Sample Collection: Begin Date and Time	Sample Collection: End Date and Time	Chlorinated System: Y or N	Sample Temperature: Collection Temp °C	Sample Temperature: Receipt Temp °C	Sample Type: Depth Composite	Sample Type: Auto Composite	Sample Type: Hand Comp	Sample Type: Grab	Sample Containers: Plastic	Sample Containers: Glass	Sample Containers: # Containers	Chemical Preservative: None	Chemical Preservative: HNO3	Chemical Preservative: H2SO4	Chemical Preservative: NaOH	Chemical Preservative: HCl	Chemical Preservative: Na2S2O3	Chemical Preservative: pH Correct	Analyses Requested: Nitrate	Analyses Requested: Nitrite
G-490	DH	7-11-06 3:25pm	N/A N/A	N	8.5°C	5.4				X	500 ml		1			X				pH	X	
G-490	DH	7-11-06 3:25pm	N/A N/A	N						X	125 ml		1	X								X

Instructions:
Complete all yellow shaded sections
For each parameter requested circle the X to verify your request.
Nutrients include:
Metals: Itemize the individual metals requested here -
For Composite samples record the autosampler Begin date/time and End date/time, for Grab samples record the collect time as the Begin date/time only.
Blue is for lab use only
Comments: ****Nitrate and Nitrate Analysis Requested****

Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Debra Howell	Adrian Doesler	07-11-06	1631

Form Revision 07; effective 02/16/2006

Lab Codes: REAL=Real Estate, PRIV=Private Well, NEW=New Permitted Well, TNC=Transient Non-Community, AMB=Ambient, LM=Landfill

CHARLOTTE.

Laboratory Analysis Report
Report Date: 7/14/2006 03:53 PM

LABORATORY SERVICES DIVISION

LOCATION: G-490
LOC ID: G-NEW
SAMPLE DATE-TIME: 7/11/2006 15:25 CHAIN OF CUSTODY #: 06070162
SAMPLE DESCRIPTION: Grab

	Parameter	Result	Units	RL	Method	Start Date/ Time	Analyst
AB79097	**E. COLI-PA**	**absent**	**P/A**		SM 9223B	7/12/2006 8:35	KEK
AB79097	**Total Coliform**	**absent**	**P/A**		SM 9223B	7/12/2006 8:35	KEK

Comment:

Laboratory Supervisor: _____

Laboratory Certifications: McAlpine NC DENR No.148; Brookshire NC DENR No.162; Hal Marshall N.C. DENR No. 192, N.C. DHHS Laboratory No. 37527

CHARLOTTE-MECKLENBURG UTILITIES - LABORATORY SERVICES DIVISION

Hal Marshall Laboratory, 700 North Tryon St., Charlotte, NC 28202, 704/336-5460

CHAIN OF CUSTODY RECORD

CLIENT:	**Mecklenburg County, LUESA - Groundwater & Wastewater Services**
FACILITY:	Groundwater **(Potable Water)**
ADDRESS:	9124 Leah Meadows, Charlotte, NC 28227
LAB CODE:	REAL PRIV (NEW) TNC MPL PME AMB LM OTHER

Send Report To:
Debra Howell
700 N. Tryon St., Suite 211
Charlotte, NC 28202

COC#: 0607016Z

Sampled By (Print Name)
Debra Howell

AB 74097

SAMPLE ID	Sample Collector's Initials	Sample Collection: Begin Date and Time	Sample Collection: End Date and Time	Chlorinated System: Y or N	Sample Temperature: Collection Temp °C	Sample Temperature: Receipt Temp °C	Sample Type: Depth Composite	Sample Type: Auto Composite	Sample Type: Hand Comp	Sample Type: Grab	Sample Containers: Plastic	Sample Containers: Glass	Sample Containers: # Containers	Chemical Preservative: None	HNO3	H2SO4	NaOH	HCl	Na2S2O3	pH Correct	Analyses Requested: Total Coliform
G-490	DH	7-11-06 3:25 pm	N/A N/A	N	NA					X	100 ml		2						X		X

Instructions:

Complete all yellow shaded sections

For each parameter requested circle the X to verify your request.

Nutrients include: Ammonia, TKN, Total Phosphorus, Nitrate/Nitrite

Metals: Itemize the individual metals requested here -

For Composite samples record the autosampler Begin date/time and End date/time, for Grab samples record the collect time as the Begin date/time only.

Blue is for lab use only

Comments: **3-DAY TAT REQUESTED**

Relinquished By (Signature)	Received By: (Signature)	Date	Time
Debra Howell	[signature]	07-11-06	1631

Form Revision 07; effective 02/16/2006

Lab Codes: REAL=Real Estate, PRIV=Private Well, NEW=New Permitted Well, TNC=Transient Non-Community, AMB=Ambient, LM=Landfill

6157B

RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3239

1. WELL CONTRACTOR:
Charles Moses
Well Contractor (Individual) Name
Advanced Well Drilling
Well Contractor Company Name
STREET ADDRESS 2221 Pump Rd
Catawba NC 28609
City or Town State Zip Code
(828) 241-9300
Area code- Phone number
Lot #33

2. WELL INFORMATION:
SITE WELL ID #(if applicable)
STATE WELL PERMIT#(if applicable)
DWQ or OTHER PERMIT #(if applicable) 10000490
WELL USE (Check Applicable Box): Residential Water Supply ☑
DATE DRILLED 3-18-06
TIME COMPLETED 6:00 AM ☐ PM ☑

3. WELL LOCATION:
CITY: Mint Hill COUNTY Mecklenburg
9124 Leah Meadow Ln. Charlotte 28227 Lot 33
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)
TOPOGRAPHIC / LAND SETTING:
☐ Slope ☐ Valley ☑ Flat ☐ Ridge ☐ Other
(check appropriate box)
LATITUDE 35° 12' 283
LONGITUDE 80 35° 982
May be in degrees, minutes, seconds or in a decimal format
Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. WELL OWNER
OWNER'S NAME Gold Mecklenburg Homes
STREET ADDRESS 5923-A Stockbridge Dr
Monroe, NC 28110
City or Town State Zip Code
(704) 507-1061
Area code - Phone number

5. WELL DETAILS:
a. TOTAL DEPTH: 325
b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☑
c. WATER LEVEL *Below Top of Casing:* 25 FT.
(Use "+" if Above Top of Casing)
d. TOP OF CASING IS 1 1/2 FT. Above Land Surface*
**Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.*
e. YIELD (gpm): 5 METHOD OF TEST Air Blown
f. DISINFECTION: Type Clorine Amount 2 tabs
g. WATER ZONES (depth):
From 280 To 285 From ____ To ____
From ____ To ____ From ____ To ____
From ____ To ____ From ____ To ____

6. CASING:

	Depth		Diameter	Thickness/ Weight	Material
From 0	To 61	Ft.	6	sch 40	PVC
From ____	To ____	Ft.			
From ____	To ____	Ft.			

7. GROUT:

	Depth		Material	Method
From 0	To 30	Ft.	Concrete	poured
From ____	To ____	Ft.		
From ____	To ____	Ft.		

8. SCREEN:

	Depth		Diameter		Slot Size		Material
From ____	To ____	Ft.	____	in.	____	in.	
From ____	To ____	Ft.	____	in.	____	in.	
From ____	To ____	Ft.	____	in.	____	in.	

9. SAND/GRAVEL PACK:

Depth			Size	Material
From ____	To ____	Ft.		
From ____	To ____	Ft.		
From ____	To ____	Ft.		

10. DRILLING LOG

From	To	Formation Description
0	50	wet drilg
50	55	granite
55	59	Hard Granite
59	61	Hard Granite
61	105	Granite
105	205	Granite
205	325	Granite

11. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Charles Moses — 3-18-06
SIGNATURE OF CERTIFIED WELL CONTRACTOR — DATE
Charles Moses
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1a
Rev. 7/05

Elev - 594 FT
GPS N 35°12.283'
W 080°35.982'

Mecklenburg County Health Department
Groundwater & Wastewater Services
700 N. Tryon St, Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103
Fax: (704) 336-8804

33 DR

PERMIT TO CONSTRUCT A WATER SUPPLY WELL

Permit #: 10000490 **File #:** 6157B **Tax Parcel #:** --
Property Owner: Gold Medallion Homes
Job Location Address: 9124 LEAH MEADOW LN
City/ETJ: **State:** NC **Zip Code:**
Permit Issuance Date: 3/14/2006
Use of Well:
Type of Facility Served by Well: House
Sewage System Type: None

3-18-0
Licas.
325 dep
5 gpm
25 stw

Area of Regulated Groundwater Usage Restrictions Apply: NO
Replacement for Existing Well: If Yes, see requirements in Other Conditions of This Permit.

General Conditions of This Permit:

- Water Supply Well construction must meet all requirements set forth in the *Mecklenburg County Groundwater Well Regulations* and any other applicable rules and laws.
- A North Carolina Certified Well Contractor must perform the well construction activities.
- The permitted Water Supply Well shall be located in accordance with the attached SITE PLAN.
- Any alteration of the site (including location of structures and appurtenances) or modification in use of the well, may subject this Permit to revocation.
- *The Department will collect an initial sample of water from the Water Supply Well and analyze the sample for total coliform bacteria, nitrate, and nitrite. A review of the analysis by the Department must find the sample to meet the groundwater quality standards specified in Chapter 5 of the Mecklenburg County Groundwater Well Regulations before the Water Supply Well can be placed in service.*
- This Permit shall be VALID for a period not to exceed 12 months from the date of issuance.

Specific Conditions of This Permit (Check all that apply):

☐ Grout must be placed the full extent of the casing. ☐ Casing to bedrock

☐ *Initial water sample to taken and analyzed for (check all that apply):*

☐ Volatile Organic Compounds (VOC's) ☐ Semi-volatile Compounds ☐ Metals (Specify in Other Conditions)
☐ Pesticides ☐ Herbicides ☐ Other (See Below)

The analysis must be submitted to the Department for review and approval prior to the Water Supply well being placed in service.

Other Conditions of This Permit:

Authorized Agent: Print Name: Travis Cornelius
Signature: 3/14/06

Owner/Legal Agent: Print Name: Jennifer Dupree
Signature:

Mecklenburg County Health Department
Groundwater & Wastewater Services
700 N. Tryon St, Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103
Fax: (704) 336-6894

33 DR

PERMIT TO CONSTRUCT A WATER SUPPLY WELL

Permit #: 10000490 **File #:** 6157B **Tax Parcel #:** --
Property Owner: Gold Medallion Homes
Job Location Address: 9124 LEAH MEADOW LN
City/ETJ: **State:** NC **Zip Code:**
Permit Issuance Date: 3/14/2006
Use of Well:
Type of Facility Served by Well: House
Sewage System Type: None

Area of Regulated Groundwater Usage Restrictions Apply: NO

Replacement for Existing Well: If Yes, see requirements in Other Conditions of This Permit.

General Conditions of This Permit:

- Water Supply Well construction must meet all requirements set forth in the *Mecklenburg County Groundwater Well Regulations* and any other applicable rules and laws.
- A North Carolina Certified Well Contractor must perform the well construction activities.
- The permitted Water Supply Well shall be located in accordance with the attached SITE PLAN.
- Any alteration of the site (including location of structures and appurtenances) or modification in use of the well, may subject this Permit to revocation.
- The Department will collect an initial sample of water from the Water Supply Well and analyze the sample for total coliform bacteria, nitrate, and nitrite. A review of the analysis by the Department must find the sample to meet the groundwater quality standards specified in Chapter 5 of the Mecklenburg County Groundwater Well Regulations before the Water Supply Well can be placed in service.
- This Permit shall be VALID for a period not to exceed 12 months from the date of issuance.

Specific Conditions of This Permit (Check all that apply):

☐ Grout must be placed the full extent of the casing. ☐ Casing to bedrock

☐ Initial water sample to taken and analyzed for (check all that apply):

☐ Volatile Organic Compounds (VOC's) ☐ Semi-volatile Compounds ☐ Metals (Specify in Other Conditions)
☐ Pesticides ☐ Herbicides ☐ Other (See Below)

The analysis must be submitted to the Department for review and approval prior to the Water Supply well being placed in service.

Other Conditions of This Permit:

Travis Cornelius
Authorized Agent: Print Name
Signature: 3/14/06

Jennifer Dupree
Owner/Legal Agent: Print Name
Signature:

THIS IS TO CERTIFY THAT ON THE 5 DAY OF December 20 05 AN ACTUAL SURVEY WAS DONE UNDER MY SUPERVISION OF THE PROPERTY SHOWN HEREON. THIS MAP IS NOT INTENDED TO MEET GS 47-30 RECORDING REQUIREMENTS.

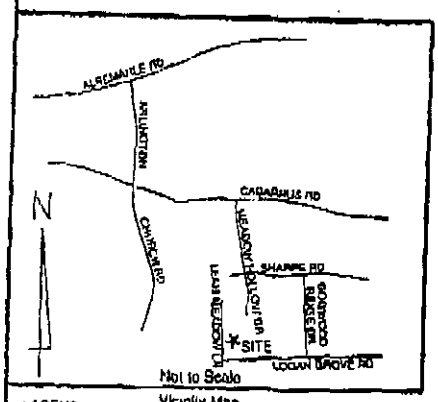
SIGNED _____

6157B

Bishop Land Surveying, Inc.
15806 Brookway Drive, Suite 200-F
Huntersville N.C. 28078
Phone (704) 987-3080
Fax (704) 987-3008

NORTH CAROLINA PROFESSIONAL SEAL L-3957 LAND SURVEYOR ROBERT BISHOP

1" = 60'



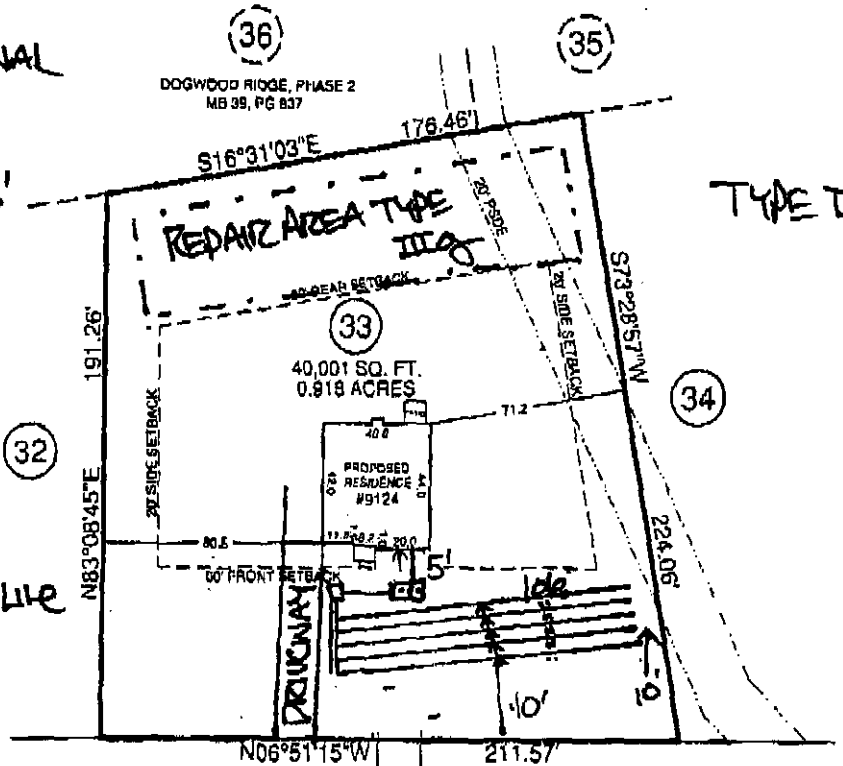
MB 39, PG 837

LEGEND

- EIP — EXISTING IRON PIN
- ECM — EXISTING CONCRETE MONUMENT
- SIP — SET 5/8" IRON PIN
- PROPERTY LINE
- — — — ADJOINER PROPERTY LINE PER DEED OR PLAT
- P.S.D.E. — PUBLIC STORM DRAINAGE EASEMENT
- OUTSIDE — OUTSIDE CONSERVATION AREA
- F.P.E. — FLOOD PROTECTION ELEVATION
- PP — POWER POLE

- TYPE II CONVENTIONAL
- 533' TLF
- INSTALL 5 LINES @ 106'
- PLACE LINES LEVEL & ON CONTOR
- 9' ON CENTER
- 1500 GAL S.T.
- SETBACKS:
- 10' FROM PROPERTY LINE
- 5' FROM HOUSE

TYPE IIIg REPAIR



Plot Plan OF SURVEY

Lot 33, Dogwood Ridge, Phase 3

Clear Creek Twsp., Mecklenburg County, N.C.

SCALE 1" = 60'

THE PROPERTY OF Gold Medallion Homes

MAP RECORDED IN BOOK 44 AT PAGE 752 DEED RECORDED IN BOOK _____ PAGE _____

Drawn By:BDH

FILE:C:\LAND PROJECTS 3\Meek County\DWG\Dogwood Ridge Lot 33.DWG

12/28/05

#490

GWS – RES. APP 07/05

SEPTIC FEE: _____
DATE: _____
CRT [ ]

PERMIT APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATION FOR ON-SITE WASTEWATER SYSTEM NEW WELL INSTALLATION OR REPAIR OF EXISTING WELL MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES

WELL FEE: 400.00
DATE: 3/8/06
CRT [CC # 6525 W.W.

FILE # 61573

SEPTIC / TYPE APPLICATION: ☐ NONE ☐ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFY PLOT PLAN

WELL / TYPE APPLICATION: ☐ NONE ☑ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

JOB LOCATION INFORMATION: Parent Parcel #
TAX/PARCEL #: 139-441-05, 139-281-15, 139-251-30
STREET ADDRESS: 9124 Leah Meadow Lane
CITY: Charlotte
STATE: NC **ZIP:** 28227 139-251-19
SUBDIVISION OR MOBILE HOME PARK NAME: Dogwood Ridge
LOT #: 33
TOWNSHIP:

☐ 0-MECKLENBURG ☐ 4-PINEVILLE
☐ 1-CHARLOTTE ☐ 5-MATTHEWS
☐ 2-DAVIDSON ☐ 6-HUNTERSVILLE
☐ 3-CORNELIUS ☑ 7-MINT HILL

BUILDING INFORMATION:
TYPE OF BUILDING:

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

HEATED SQUARE FOOTAGE: 2960
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS:

FOUNDATION FOR RESIDENCE:

☑ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING
☐ CRAWLSPACE ☐ BASEMENT WITH NO PLUMBING

IF PLANNING TO EXPAND/ALTER THE EXISTING SYSTEM INDICATE THE FOLLOWING CHANGES:
NUMBER OF BEDROOMS TO BE ADDED: NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE:
WILL THERE BE A HOME BUSINESS IN THE RESIDENCE? ☐ YES ☑ NO TYPE:

WATER SUPPLY:

☐ MUNICIPAL (M) ☐ PUBLIC (C) ☑ PRIVATE WELL (P) ☐ SHARED WELL (S) ☐ OTHER 'SPRINGS' (O)

PROPOSED USE OF WELL: ☐ N/A ☐ IRRIGATION ☐ POTABLE ☐ GEOTHERMAL ☐ OTHER

ARE ANY OF THE FOLLOWING LOCATED ON THE PROPERTY? IF SO, PLEASE SHOW LOCATION ON SITE PLAN/PLAT.

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES	☑ NO	WELLS, SPRINGS, OR WATER LINES	☐ YES	☑ NO
EXISTING WASTEWATER SYSTEMS	☐ YES	☑ NO	DESIGNATED WETLANDS	☐ YES	☑ NO
EASEMENTS OR RIGHT-OF-WAYS	☐ YES	☑ NO	GRADING/SOIL REMOVAL PERFORMED	☑ YES	☐ NO

PROPERTY OWNER:
NAME: Gold Medallion Homes
ADDRESS: 5923-A Stockbridge Dr.
CITY: Monroe
STATE: NC ZIP: 28110
HOME PHONE: WORK PHONE: 704-821-7606
MOBILE PHONE: FAX: 704-821-1097

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:
NAME:
ADDRESS:
CITY:
STATE: ZIP:
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?
WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?

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

Owner's/Agent's Signature Date

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT & NATURAL RESOURCES DIVISION
OF ENVIRONMENTAL HEALTH ON-SITE
WASTEWATER SECTION

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

3/6/06
Owner's/Agent's Signature Date

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

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	03/08/06	**Amount:**	400.00
Receipt #:	42423	**Tendered:**	0.00
Check / Auth #:	CHECK 6525	**Returned:**	0.00
Received By:	WALKEVA		

Account Information

Account #: 200000
Contractor: GRACE HOLDINGS
Attn:
Address: 5923 STOCKBRIDGE DRIVE
Address:
City/State/Zip: MONROE, NC 28110

Item	Description	Permit#	Quantity	Unit Price	Total Price
0753	Private Well, New 9124 LEAH MEADOW LANE LOT 33		1	400.00	400.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
80.00					