

15402 LOGAN GROVE RD

13925160

1/9/2008

duponbj

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

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 #: 6152B Permit #: _____ Tax Parcel #: 139-251-60

Property Owner: GOLD MEDALLION HOMES

Job Location Address: 15402 LOGAN GRAE RD.

City: CHARLOTTE State: NC Zip Code: 28227

Faxed 10/18/06

Installation Approval Issuance Date: 10/13/06

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 10/16/06, 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: 360 GPD

Site LTAR: 0.31 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: 24 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 300 feet INNOVATIVE 25% REDUCTION

# of Lines: 3 @ 100 feet

Depth of Media: N/A inches (Type) IIIg

Distribution Device: DROP TEES

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 _____

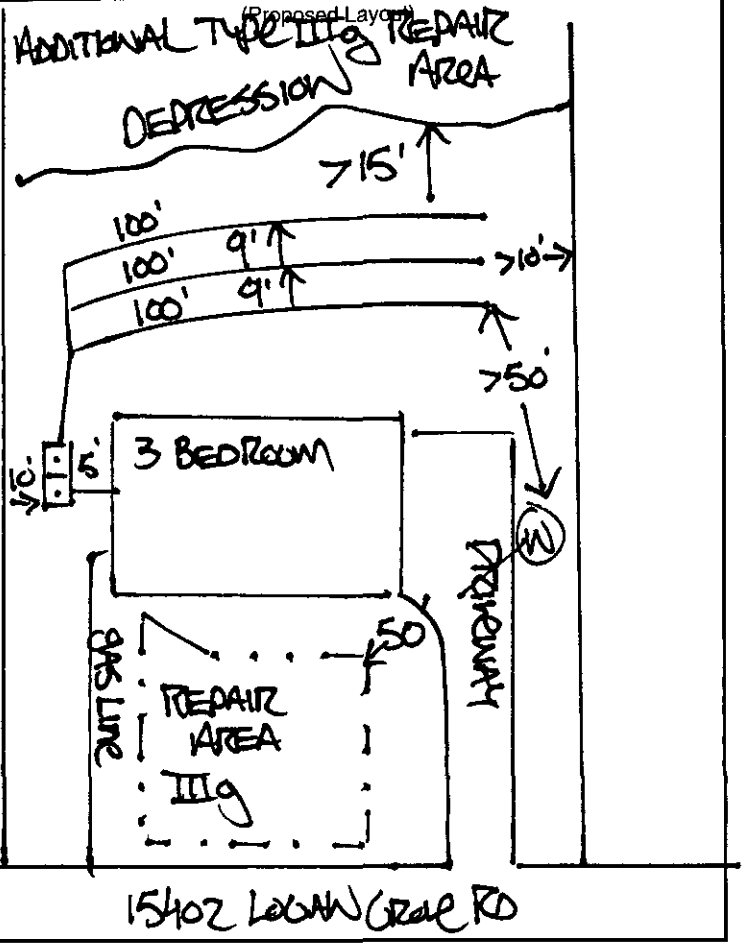
Minimum System Setbacks

Distance from Building Foundation: 5 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 750 feet

SKETCH OF SYSTEM LAYOUT (Proposed Layout)



Comments: System Classification & Type: IIIg, INNOVATIVE, 25% REDUCTION. INSTALL 3 LINES @ 100' EACH. 1500 GAL ST, DROP TEES. STAY 750' FROM ANY WELL, >15' FROM DEPRESSION.

DENR Authorized Agent: DAVID CORNELIUS, RS Signature: DAVID CORNELIUS, RS

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 #: 61528 Permit #: _____ Tax Parcel #: 139-251-60

Property Owner: GOLD MEDALLION HOMES

Job Location Address: 15402 LOGAN GRAVE RD.

City: CHARLOTTE State: NC Zip Code: 28227

Operation Permit Issuance Date: 10/16/06 Contractor Name: BOBBY MACATEER

Permitted Design Flow: 360 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: 24 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.) INNOVATIVE 25% REDUCTION CHAMBER

Total line length: 300 feet

# of Lines: 3 @ 100 feet

Depth of Media: N/A inches (Type) IIIg

Depth of Cover: _____ inches

Distribution Device: DROP TEE

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

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ *feet*

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source

☐ Municipal ☑ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from *Building Foundation:* 5 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 750 feet

Inspection Dates

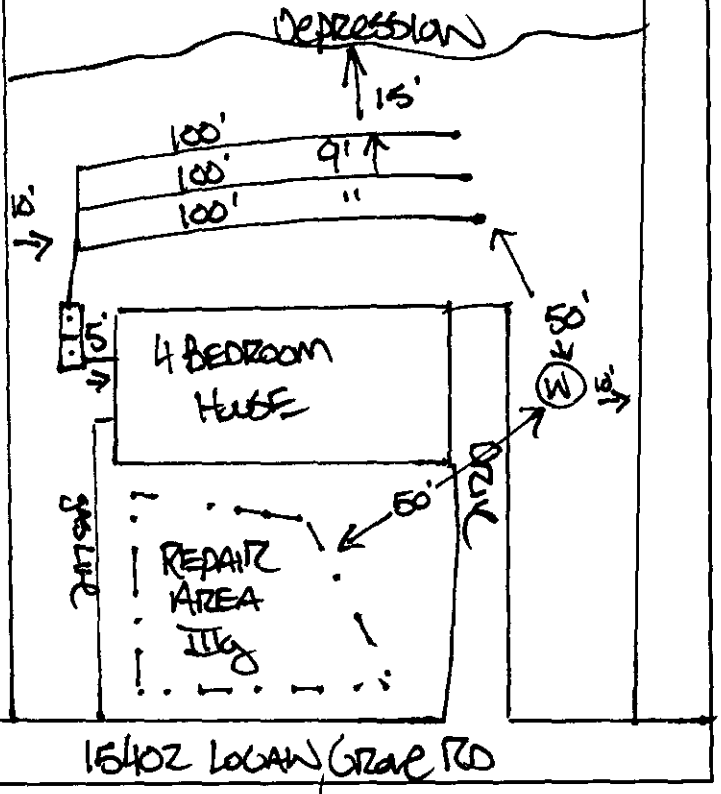
Tank(s) Inspected: 10/16/06

Excavation Inspected: 10/16/06

Pump & Controls Inspected: N/A

ADDITIONAL REPAIR TYPE IIIg

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



15402 LOGAN GRAVE RD

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

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

Comments: System Classification & Type: IIIg, INNOVATIVE, 25% REDUCTION, CHAMBER.
3 LINES INSTALLED @ 100' ea. 750' FROM WELL, 1500 GAL ST, DROP TEE

DENR Authorized Agent: DAVID CORNELIUS, RS Signature: David Cornelius, RS

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	06/23/06	**Amount:**	150.00
Receipt #:	44721	**Tendered:**	0.00
Check / Auth #:	CHARGE	**Returned:**	0.00
Received By:	AIDOOJK		

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 15402 LOGAN GROVE ROAD		1	150.00	150.00

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

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
-2,767.20					

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	06/20/06	**Amount:**	150.00
Receipt #:	44639	**Tendered:**	0.00
Check / Auth #:	CHARGE	**Returned:**	0.00
Received By:	AIDOOJK		

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 15402 LOGAN GROVE		1	150.00	150.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
9,501.04	368.60				

HD 184335

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St, Suite 214 Charlotte, NC 28202
Phone: (704) 336-5100 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

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

Permit #: 30000966 GWS File #: 6152B Tax Parcel #: 139-251-60

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be NO grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. 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.

I. This Improvement Permit Shall: Expire In Five (5) Years **Expiration Date (If Applicable):** 12/20/2010

Type of Installation: Residential - New System Lot Number: 16

Structure Type: HOUSE Size (ft^2): 2761 # Bedrooms: 3 # Occupants: 1

Building Foundation: Concrete Slab Water Supply:

II. Initial System Type: Innovative or Experimental **System Classification:** IIIg

Initial System Specifications:

Design Flow (gpd): 360 LTAR (gpd/ft^2): 0.31 Septic Tank Size (gal): 1500 Pump Tank Size (gal): N/A

Trench Width (ft): 3 Trench Spacing (ft): 9 Absorption Area (ft^2): 871 Total Trench Length (ft): 290

Maximum Trench Depth (in): 24 Depth of Media (in): 12 Distribution Device: Distribution Box

III. Repair System Type: Innovative or Experimental **System Classification:** IIIg

Repair System Specifications:

Design Flow (gpd): 360 LTAR (gpd/ft^2): 0.31 Septic Tank Size (gal): 1500 Pump Tank Size (gal): N/A

Trench Width (ft): 3 Trench Spacing (ft): 9 Absorption Area (ft^2): 871 Total Trench Length (ft): 290

Maximum Trench Depth (in): 24 Depth of Media (in): 12 Distribution Device: Distribution Box

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

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

- No work shall be conducted on the septic system until an INSTALLATION APPROVAL is granted by the Department.
- The septic system installer shall be a registered septic contractor with Mecklenburg County Health Department.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: Trevor Thomason Owner/Legal Agent: Jennifer L Dupree

Print Name

Signature: _____ Signature: Jennifer L Dupree

Date Issued: 12/20/2005

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St, Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 330-6804

NC DENR
Division of Environmental Health
On-Site Wastewater Section

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

Permit #: 39000960

GWS File #: 6152B

IV. Permit Conditions/Comments:

- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.
- All components of the septic system must be located at least 100 ft. (50 ft. minimum) from all private wells.

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

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- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: Trevor Thomason

Signature: _____

Date Issued: 12/20/2005

Owner/Legal Agent: Jennifer Dupree
Print Name

Signature: Jennifer Dupree

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

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

Permit #: **30000966** GWS File #: **6152B** Tax Parcel #: **139-251-60**

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. *There is to be* ***NO*** grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. 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.

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Type of Installation: Residential - New System Lot Number: 16

Structure Type: HOUSE Size (ft^2): 2761 # Bedrooms: 3 # Occupants: 1

Building Foundation: Concrete Slab Water Supply:

II. Initial System Type: Innovative or Experimental **System Classification:** IIIg

Initial System Specifications:

Design Flow (gpd):	360	LTAR (gpd/ft^2):	0.31	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	871	Total Trench Length (ft):	290
Maximum Trench Depth (in):	24	Depth of Media (in):	12	Distribution Device:	Distribution Box		

III. Repair System Type: Innovative or Experimental **System Classification:** IIIg

Repair System Specifications:

Design Flow (gpd):	360	LTAR (gpd/ft^2):	0.31	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	871	Total Trench Length (ft):	290
Maximum Trench Depth (in):	24	Depth of Media (in):	12	Distribution Device:	Distribution Box		

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

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- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: Trevor Thomason Owner/Legal Agent: _____
Print Name

Signature: _____ Signature: _____

Date Issued: 12/20/2005

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

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

Permit #: **30000966** GWS File #: **6152B**

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- No work shall be conducted on the septic system until an INSTALLATION APPROVAL is granted by the Department.
- The septic system installer shall be a registered septic contractor with Mecklenburg County Health Department.
- *The permitted system shall be installed in accordance* with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: Trevor Thomason

Signature:_____

Date Issued: 12/20/2005

Owner/Legal Agent:_____
Print Name

Signature:_____

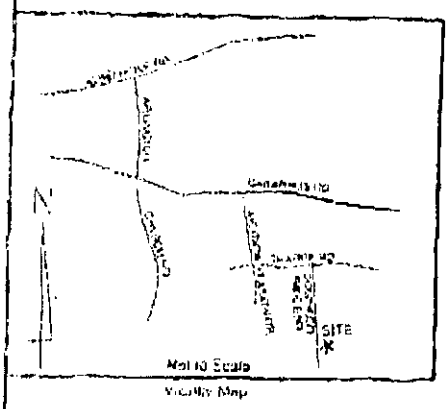
SURVEY WAS DONE UNDER MY SUPERVISION OF THE PROPERTY SHOWN HEREON. THIS MAP IS NOT INTENDED TO MEET GS 47-30 RECORDING REQUIREMENTS.

SIGNED

6152B

Bishop Land Surveying, Inc.
15808 Brookway Drive, Suite 200-F
Huntersville N.C. 28078
Phone (704) 987-3080
Fax (704) 987-3008

NORTH CAROLINA PROFESSIONAL SEAL L-3357 LAND SURVEYOR ROBERT G. BISHOP



Vicinity Map

*NOTE: CHANGE ON ORIGINAL PLOT PLAN, HOUSE MOVED TOWARD REAR OF PROPERTY.

ELMER REECE GIBSON DB 6524, PG 733

S73°52'57"W 140.00'

30' REAR SETBACK

16
44,475 SQ. FT.
1.021 ACRES

318.18'

N16°31'43"W

TYPE IIIa REPAIR

3 BR HOUSE

15

17

- SEPTIC SYSTEM DESIGN FOR A 3 BEDROOM HOUSE.
- LTAR = 0.31
- 25% REDUCTION SYSTEM
- 290 TLF
- INSTALL 5 LINES @ 58'
- PLACE LINES LEVEL, ON CONTOUR ON 9' CENTERS.
- 1500 GAL SEPTIC TANK

TYPE IIIa REPAIR

SETBACKS:
75' FROM HOUSE
10' FROM PROPERTY LINE

10'

10'

N73°20'17"E 140.00'

LOGAN GROVE ROAD
60' PUBLIC R/W

Plot Plan SURVEY
OF
Lot 16, Dogwood Ridge, Phase 3
Clear Creek Twsp., Mecklenburg County, N.C.

SCALE 1" = 50'

FOR PROPERTY OF Gold Medallion Homes

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

DRAWN BY: BISHOP FILE: C:\Projects\Surveys\Clear Creek Twsp\GWS\Dogwood Ridge Lot 16.DWG

12/28/05

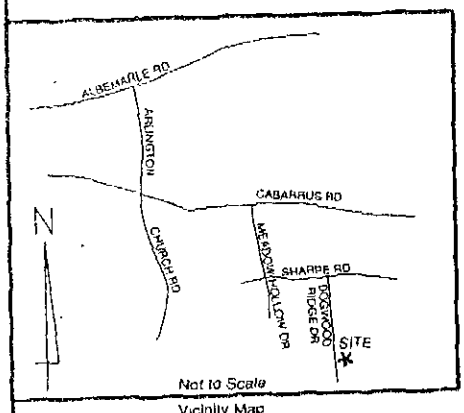
THIS IS TO CERTIFY THAT ON THE 1 DAY OF December 20 05 AN ACTUAL SURVEY WAS DONE UNDER MY SUPERVISION OF THE PROPERTY SHOWN HEREON. THIS MAP IS NOT INTENDED TO MEET GS 47-30 RECORDING REQUIREMENTS.

61528

SIGNED _____

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 G. BISHOP, P.



Vicinity Map



*NOTE: CHANGE IN ORIGINAL PLOT PLAN, HOUSE MOVED TOWARD REAR OF PROPERTY.

ELMER REECE GIBSON
DB 5753, PG 231

ELMER REECE GIBSON
DB 5534, PG 733

S73°52'57"W 140.00'

LEGEND

EIP	EXISTING IRON PIN
ECM	EXISTING CONCRETE MONUMENT
SIP	RE-SET IRON PIN
———	PROPERTY LINE
— — —	ADJOINER PROPERTY LINE BY DEED OR PLAT
PSDE	PUBLIC STORM DRAINAGE EASEMENT
CLOSURE	EXCEEDS 1 IN 10,000
FPE	FLOOD PROTECTION ELEVATION
	POWER POLE

50' REAR SETBACK

(16)
44,475 SQ. FT.
1.021 ACRES

318.18'

N16°31'43"W

20' SIDE SETBACK

20' SIDE SETBACK

TYPE IIIg REPAIR

38R HOUSE

317.18'

N16°31'43"W

40'

60'

DRIVE

10'

10'

N73°28'17"E 140.00'

LOGAN GROVE ROAD
60' PUBLIC R/W

TYPE IIIg REPAIR

- SEPTIC SYSTEM DESIGN FOR A 3 BEDROOM HOUSE.
- LTAR = 0.31
- 25% REDUCTION SYSTEM
- 290 TLF
- INSTALL 5 LINES @ 58'
- PLACE LINES LEVEL ON CONTOUR ON 9' CENTERS.
- 1500 GAL SEPTIC TANK

(15)

(17)

SETBACKS:
75' FROM HOUSE
710' FROM PROPERTY LINE

DWS, RS
12/28/05

Plot Plan SURVEY
OF
Lot 16, Dogwood Ridge, Phase 3
Clear Creek Twsp., Mecklenburg County, N.C.

SCALE 1"= 50'

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\Mack County\DWG\Dogwood Ridge Lot 16.DWG

FEE: ~~300.00~~ 150

DATE: 6/13/2006

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

MECKLENBURG COUNTY

GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 6152B

PERMIT NUMBER: 30000966

PARCEL NUMBER: 13925160

JOB LOCATION INFORMATION

ADDRESS: 15402 LOGAN GROVE

CITY: CHARLOTTE **STATE: NC** **ZIP:** 28227

ISSUED TO: GOLD MEDALLION HOMES

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 12/20/2005

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30000966, 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

CONDITIONS OF IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATON

Permit Number: **6152B** Tax Number: **139-444-05**

- 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:

0.31 Long-term acceptance rate (GPD/ft^2)	**360** Max gallons/day wastewater flow	**871** Absorption Area (ft^2)	**9** Trench spacing (min. on centers) (ft)
Serviced by private well: ☒ Yes ☐ No	**1500** Gallon septic tank	**290** 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.)
3 Bedrooms in residence	**na** Gallon pump tank	**na** Depth of stone (in)	

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

Additional conditions: LOT #16

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:

871 Absorption Area (ft^2) **290** 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.

IWWS, R.S 12/20/05

DENR Authorized Agent Date

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

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 #: 16
File #: 6152B
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: 11/11/05
Proposed Facility: Residence
Design Flow (.1949): 360gpd
Property Size: 1.02a
Location of Site: Logan Grove Road
Property Recorded:
Water Supply: [ ] Public [x] Individual [x] 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		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	LS, 10	0-4	GR/CL	FR/SEXP/SS/SP	>35" TO SOIL WETNESS	35	N/A	NONE	US, IV .3GPD/FT^2
		4-22	SBK/C	FI/SEXP/S/P					
		22-35	SBK/SICL	FR/SEXP/SS/SP					
2	LS, 8	0-6	GR/CL	"	>30" TO SOIL WETNESS	30	"	"	"
		6-23	SBK/C	FI/SEXP/S/P					
		23-30	SBK/SICL	FR/SEXP/SS/SP					
3	"	0-5	GR/CL	"	>48" TO SOIL WETNESS	48	"	"	PS, IV .32GPD/FT^2
		5-22	SBK/C	FI/SEXP/S/P					
		22-48	SBK/SICL	FR/SEXP/SS/SP					
4	"	0-4	GR/CL	"	>46" TO SOIL WETNESS	46	"	"	"
		4-24	SBK/C	FI/SEXP/S/P					
		24-46	SBK/SICL	FR/SEXP/SS/SP					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.31GPD/FT^2	.31GPD/FT^2

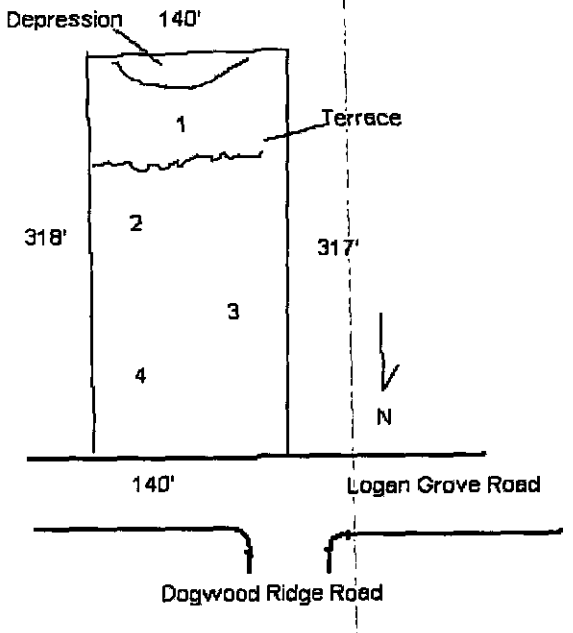
Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 11/14/2005, W. R. Marlin
Others Present:

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



#964

#965

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: 6/12/06
CRT [ ] X 35814 JKA

FILE # 6152B

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

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

JOB LOCATION INFORMATION:

TAX/PARCEL #: ~~139-441-05 PO~~ 139-251-60

STREET ADDRESS: 15402 Logan Grove Rd

CITY: Charlotte

STATE: NC **ZIP:** 28227

SUBDIVISION OR MOBILE HOME PARK NAME: Dogwood Ridge

LOT #: 16

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: 2761

NUMBER OF BEDROOMS: 3

NUMBER OF OCCUPANTS: 1

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 LLC
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.

Jennifer Dupree 6/7/06
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.

Jennifer Dupree 6/7/06
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

Charge Acct # 35814

GWS – RES. APP 07/05

acct # B42960
SEPTIC FEE: 200.00
DATE: 9/22/05
CRT [ ] JC

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

FILE # 61528

WELL FEE:
DATE:
CRT [ ]

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

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

JOB LOCATION INFORMATION:

TAX/PARCEL #: 139-441-05 PP
STREET ADDRESS: Logan Grove Rd
CITY: Charlotte
STATE: NC ZIP: 28227
SUB DIVISION OR MOBILE HOME PARK NAME:
LOT #: 16
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: 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 Hucks
ADDRESS: 1231 Forest Bluff Dr
CITY: Midland
STATE: NC ZIP: 28107
HOME PHONE: 888 8909 WORK PHONE: 361-4162
MOBILE PHONE: 361-4162 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.

Clay Hucks 9-22-05

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 Date

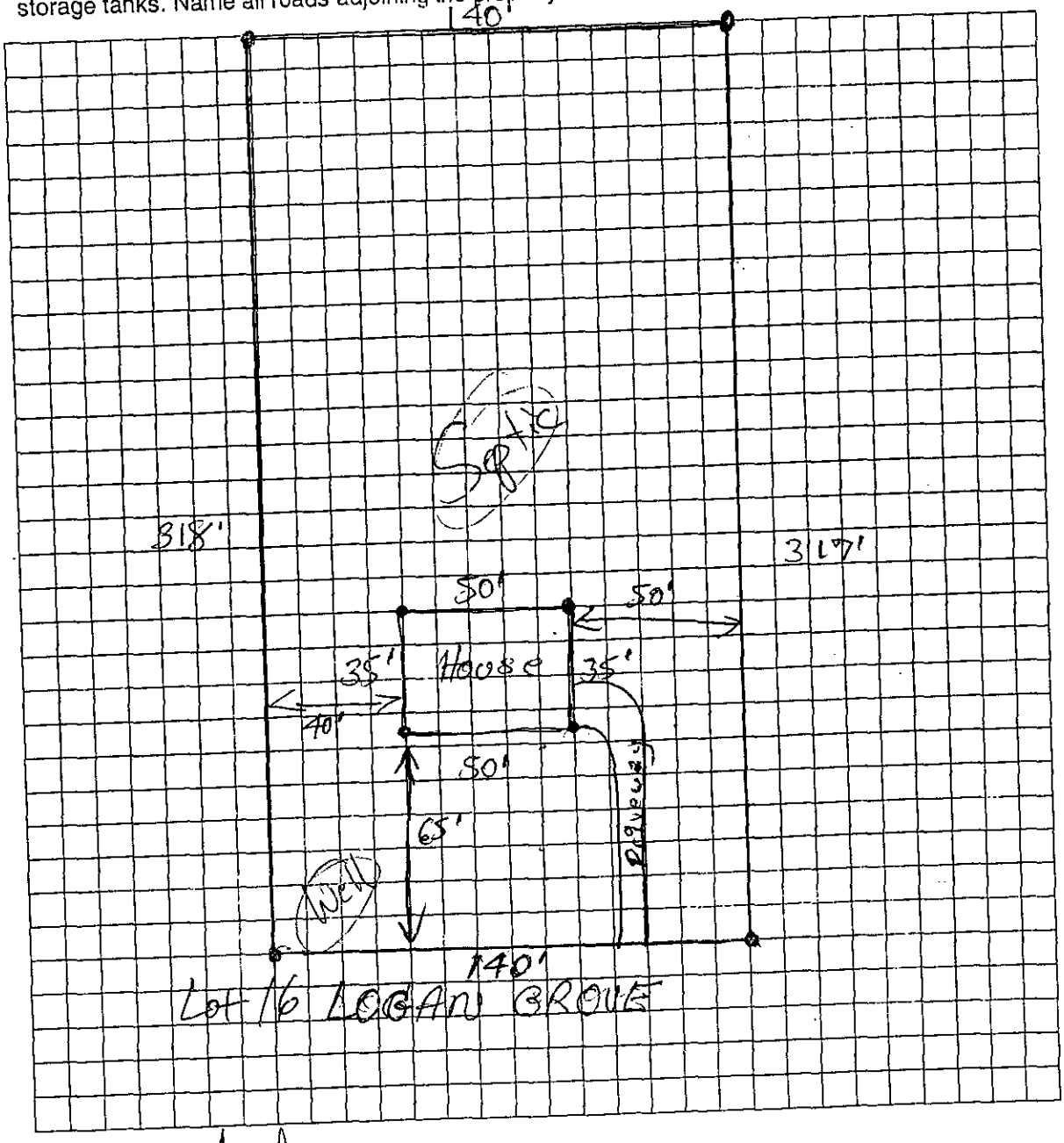
MECKLENBURG COUNTY HEALTH DEPARTMENT
GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211
CHARLOTTE, NC 28202 704-336-5103 / FAX: 704-336-6894

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 # 6152B
Approval Date_____

APPROVED 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.



Owner/Agent Signature	Staff Signature
Date 9-22-05	Date

LBC 12/15/04

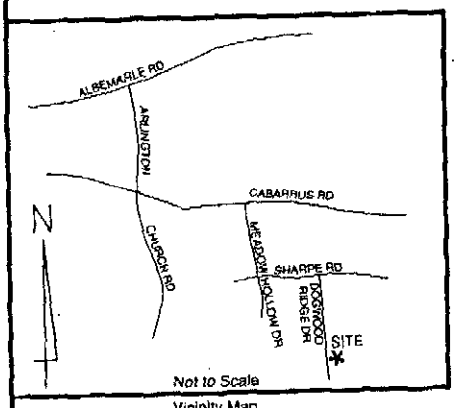
6/152B

THIS IS TO CERTIFY THAT ON THE 1 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 G. 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 G. BISHOP



Vicinity Map

MB 38 PG 237

ELMER REECE GIBSON
DB 5753, PG 231

ELMER REECE GIBSON
DB 5634, PG 733

S73°52'57"W 140.00'

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.P.E.	FLOOD PROTECTION ELEVATION
	POWER POLE

50' REAR SETBACK

16

44,475 SQ. FT.
1.021 ACRES

318.18'

N16°31'43"W

317.18'

20' SIDE SETBACK

20' SIDE SETBACK

15

17

60.0

BUILDING WINDOW

40.0

10.0

10.0

0.73

N73°28'17"E 140.00'

LOGAN GROVE ROAD
60' PUBLIC R/W

Plot Plan SURVEY

OF

Lot 16, Dogwood Ridge, Phase 3

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

SCALE 1"= 50'

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\Mack County\DWG\Dogwood Ridge Lot 16.DWG

Groundwater & Wastewater Services
Well Project File & Data Review Worksheet

GWS File #: 6152B WASPS App #: 965

Primary ES assigned to project: David Cornelius

Secondary ES assigned to project: Kim Garrett

Project Type: New Well ☑ Well Abandonment ☐ Major Repair ☐

Septic System Status: Permit in progress ☐ System installation completed ☑ N/A-Sewer ☐

I. File Review:

Completed application	Yes ☑	No ☐				
ARGU review report	Yes ☐	No ☐	N/A ☑			
Signed permit	Yes ☑	No ☐				
Notification of disinfection	Yes ☐	No ☐	N/A ☑			
Sample Results	TC ☑	Nitrate/Nitrite ☑	Other ☐	N/A ☐		
GW-1 Form / GW-30 Form	Yes ☑	No ☐				
Other related documentation	Yes ☐	No ☐	N/A ☑			

Items requiring correction/modification: 0

Comments:

II. WASPS Review:

Completed application w/ valid address	Yes ☑	No ☐	
ARGU review completed	Yes ☐	No ☐	N/A ☑
Permit issued	Yes ☑	No ☐	
Activity checklist completed	Yes ☑	No ☐	
Appropriate comments included	Yes ☑	No ☐	
Site information record completed	Yes ☐	No ☐	
Well detail record completed	Yes ☑	No ☐	

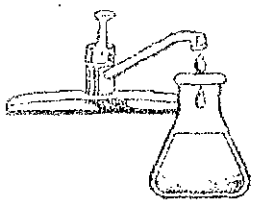
Items requiring correction/modification: 0

Comments:

Application received date: 6/12/06 ES assigned date: 6/12/06 Permit issued date: 6/21/06

Well approval date: 12/7/06 Number of days to complete project: 129

Review performed by: [signature] Date performed: 12/14/06



K & W Laboratories
9331-B Albemarle Road
Charlotte, North Carolina 28227
Tel (704) 569-1800 Fax (704) 569-0055

Date: 11/11/06

Client: Gold Medallion Homes
5923 A Stockbridge Dr.
Monroe, NC 28110

Project: 15402 Logan Grove
Lot 16

Sample Description: Drinking Water
Sample Number: E3778
Sample Date 11/09/06
Sample Time 13:45

Date Analysis Begun:	11/09/06	Time Analysis Begun:	14:50
Date Analysis Completed:	11/10/06	Time Analysis Completed:	15:00

Parameter	Results	Method
Total Coliform	**Absent**	Colilert
Fecal Coliform	**Absent**	Colilert

Parameter	Results	Units	Method	Date Analyzed
Nitrate	**<1.0**	mg/l	SM4500-NO3-D	11/10/06
Nitrite	**<0.05**	mg/l	SM4500-NO2-B	11/10/06

EPA Maximum Contaminant Level
Nitrate 10 mg/l
Nitrite 1.0 mg/l

Certified By:

NC Certification: 37767
SC Certification: 99051

Lot # 16

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 9221 Pump Road
Catawba, NC 28609
City or Town State Zip Code
(828) 241-4300
Area code- Phone number

2. WELL INFORMATION:
SITE WELL ID #(if applicable)
STATE WELL PERMIT#(if applicable)
DWQ or OTHER PERMIT #(if applicable) 10020965
WELL USE (Check Applicable Box): Residential Water Supply ☑
DATE DRILLED 9-25-06
TIME COMPLETED 3:30 AM ☐ PM ☑

3. WELL LOCATION:
CITY: Mint Hill COUNTY Mecklenburg
Deerwood Ridge 15402 Logan Grove Rd
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)
TOPOGRAPHIC / LAND SETTING:
☐ Slope ☐ Valley ☑ Flat ☐ Ridge ☐ Other
(check appropriate box)
LATITUDE 35°12.238'
LONGITUDE 80°35.865'
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 Medallion Homes
STREET ADDRES 5923-A Stockbridge Dr.
Monroe NC 28110
City or Town State Zip Code
(704) 821-7606
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: 40 FT.
(Use "+" if Above Top of Casing)
d. TOP OF CASING IS 1½ 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): 3 METHOD OF TEST Air
f. DISINFECTION: Type HTH Amount 2 tablets
g. WATER ZONES (depth):
From 285 To 290 From ____ To ____
From 300 To 305 From ____ To ____
From ____ To ____ From ____ To ____

6. CASING:

From	To	Depth Ft.	Diameter	Thickness/ Weight	Material
0	120		6	6¾	NC

7. GROUT:

From	To	Depth Ft.	Material	Method
0	40		Concrete	Poured

8. SCREEN:

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

9. SAND/GRAVEL PACK:

From	To	Depth Ft.	Size	Material

10. DRILLING LOG

From	To	Formation Description
0	50	red dirt
50	60	red clay
60	100	mud
100	110	soft rock
110	120	granite
120	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 — 9-25-06
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

Mecklenburg County Health Department
Groundwater & Wastewater Services
700 N. Tryon St, Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103
Fax: (704) 336-5594

PERMIT TO CONSTRUCT A WATER SUPPLY WELL

Permit #: 10000965 **File #:** 61528 **Tax Parcel #:** 139-251-60
Property Owner: GOLD MEDALLION HOMES LLC
Job Location Address: 15402 LOGAN GRV
City/ETJ: CHARLOTTE **State:** NC **Zip Code:** 28227
Permit Issuance Date: 6/21/2006
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 be 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

Signature:

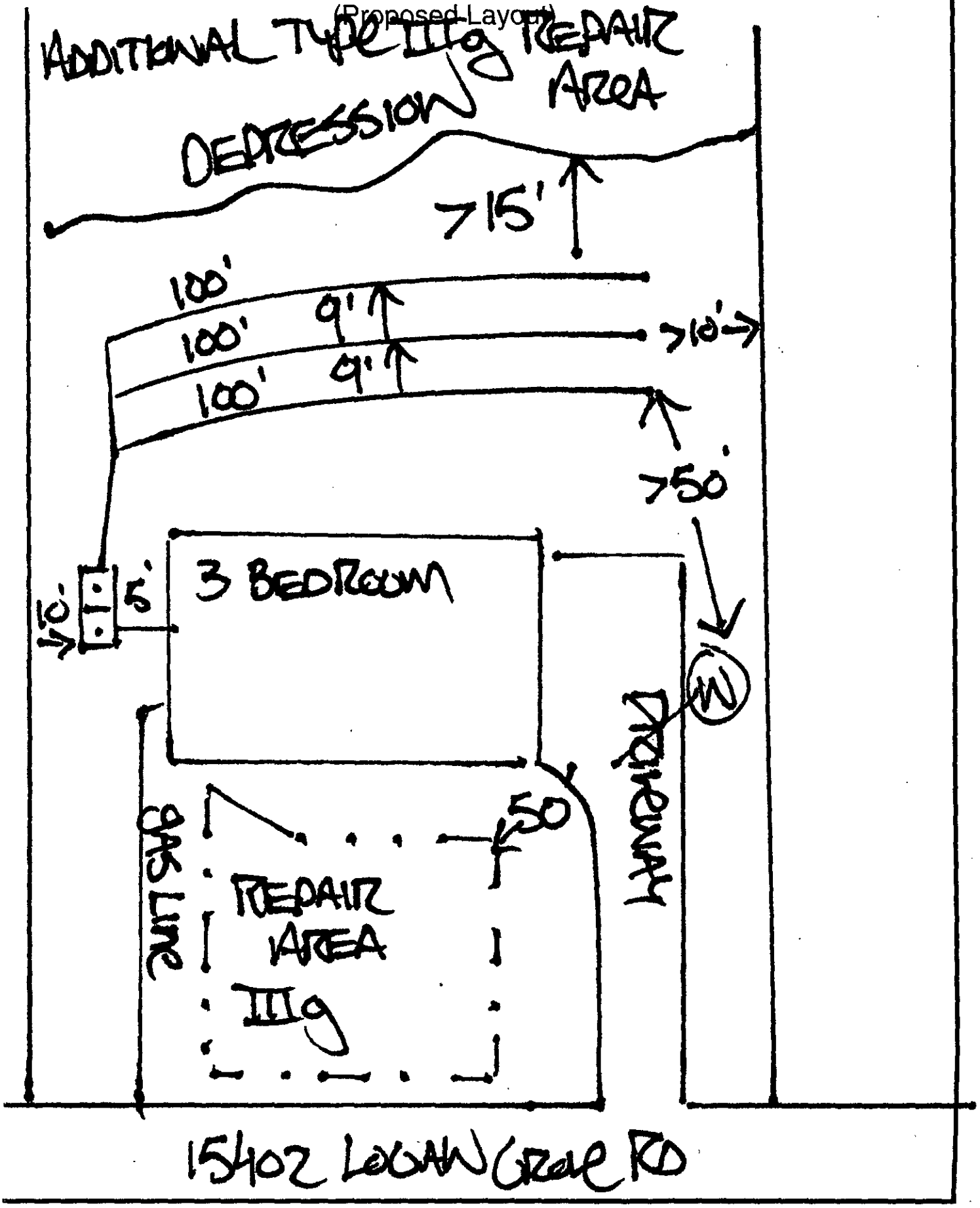
Owner/Legal Agent: Jennifer L Dupree Print Name

Signature: Jennifer L Dupree

Liquid Capacity of Dosing Tank: N/A gallons

SKETCH OF SYSTEM LAYOUT

(Proposed Layout)



#964

#965

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: 6/12/06
CRT [ ] X 35814 JKA

FILE # 6152B

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

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

JOB LOCATION INFORMATION:

TAX/PARCEL #: ~~139-441-05 PO~~ 139-251-60

STREET ADDRESS: 15402 Logan Grove Rd

CITY: Charlotte

STATE: NC **ZIP:** 28227

SUBDIVISION OR MOBILE HOME PARK NAME: Dogwood Ridge

LOT #: 16

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: 2761

NUMBER OF BEDROOMS: 3

NUMBER OF OCCUPANTS: 1

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 LLC
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.

Jennifer Dupree 6/7/06
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.

Jennifer Dupree 6/7/06
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

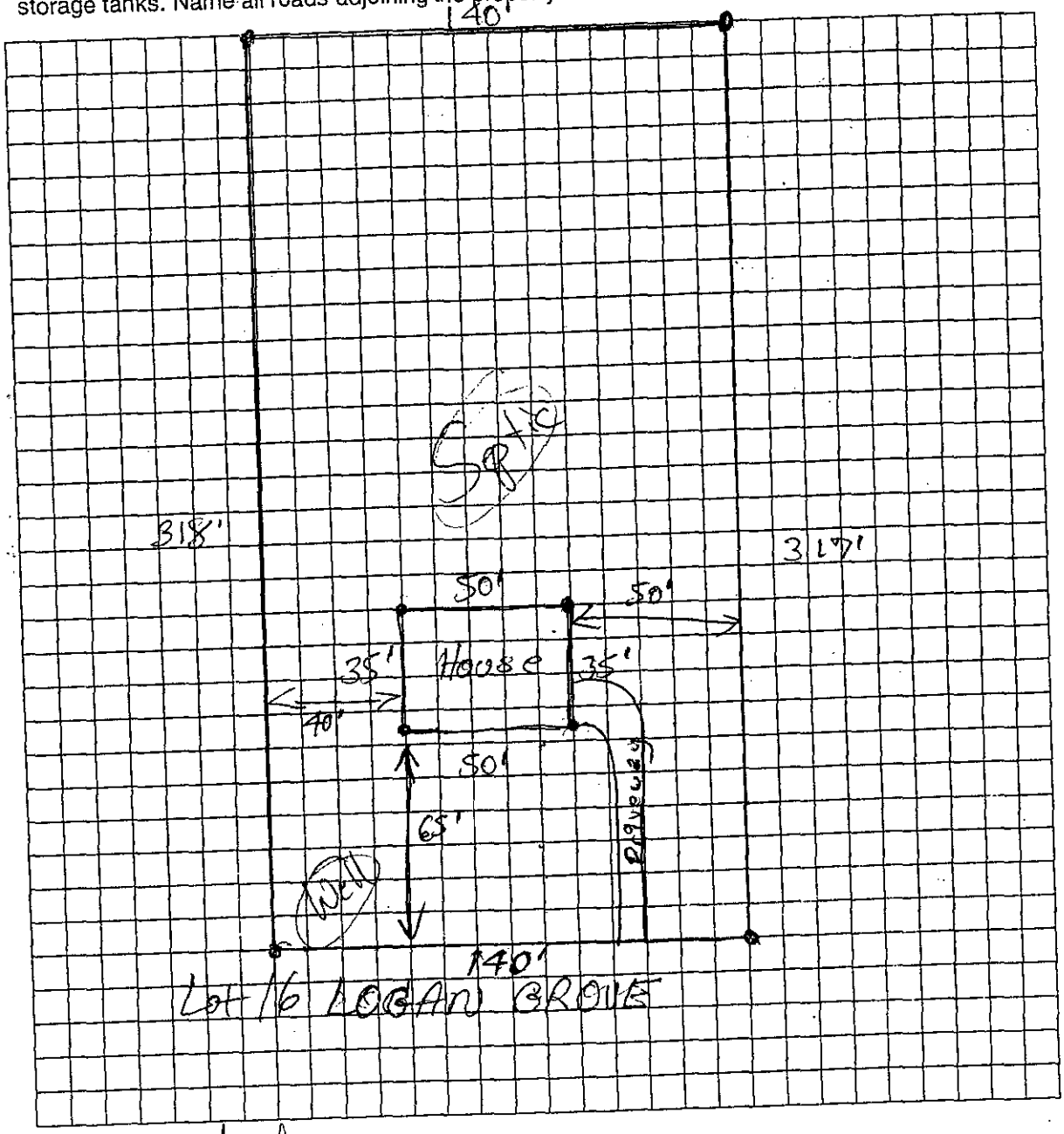
Charge Acct # 35814

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 # 6152B
Approval Date_____

APPROVED 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.



Owner/Agent Signature	Staff Signature
Date 9-22-05	Date

LBC 12/15/04