318939

MECKLENBURG COUNTY
HEALTH DEPARTMENT

Posse 6/21/11 lws

APPLICATION FOR APPROVAL TO USE AN EXISTING ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM / WATER SUPPLY WELL

JAM 5090 5965B

APPLICATION TYPE: ● SEPTIC ONLY ○ WELL ONLY ○ SEPTIC & WELL
○ ADDITION OR RENOVATION WITH OCCUPANCY INCREASE
● ADDITION OR RENOVATION WITH NO OCCUPANCY INCREASE
○ EXCHANGE MOBILE HOME (SAME # BEDROOMS)
○ COMMERCIAL OR INDUSTRIAL

PERSON FILING APPLICATION:
NAME: Bruce Navas
ADDRESS: 1222 Pine Lake Lane
CITY: Mint Hill
STATE: NC ZIP: 28227
PHONE: 704-200-5690
ALTERNATE PHONE:
E-MAIL: Honey Do List LLC @ Yahoo.com

PROPERTY OWNER: ☐ SAME AS PERSON FILING APPLICATION
NAME: ANDREW W. DENTON JR.
ADDRESS: 11902 CANTER LANE
CITY: CHARLOTTE (MINT HILL)
STATE: NC ZIP: 28227
PHONE: Home 704-545-3270
ALTERNATE PHONE: office/daytime 704-362-6578
E-MAIL: adenton3@CAROLINA.RR.COM

JOB LOCATION INFORMATION
TAX PARCEL #: 197-241-60
STREET ADDRESS: 11902 Canter LN
CITY:
STATE: NC ZIP:

SUBDIVISION OR MOBILE HOME PARK NAME: Meadows of Mint Hill
LOT #: 7
2005

WATER SUPPLY:
● MUNICIPAL ○ PRIVATE WELL ○ PUBLIC WELL ○ SHARED WELL ○ OTHER

RESIDENTIAL PROPERTY TYPE: ○ N/A
● HOUSE ○ MODULAR HOME ○ MULTIPLE FAMILY
○ SINGLE MOBILE HOME ○ DOUBLE WIDE
○ OTHER

OCCUPANCY (both fields are required):
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 3

COMMERCIAL / INDUSTRIAL PROPERTY TYPE: ☑ N/A
TYPE OF BUSINESS:
EMPLOYEES PER SHIFT:
OF SHIFTS:
INDUSTRIAL WASTES? ○ YES ○ NO
UNDERGROUND STORAGE TANKS? ○ YES ○ NO

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

ADDITION/RENOVATION 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.

Andrew W. Denton Jr. 6-9-11
Owner's/Agent's Signature Date

- A PROPOSED PLOT PLAN (see page 2) is required to be submitted with each application.

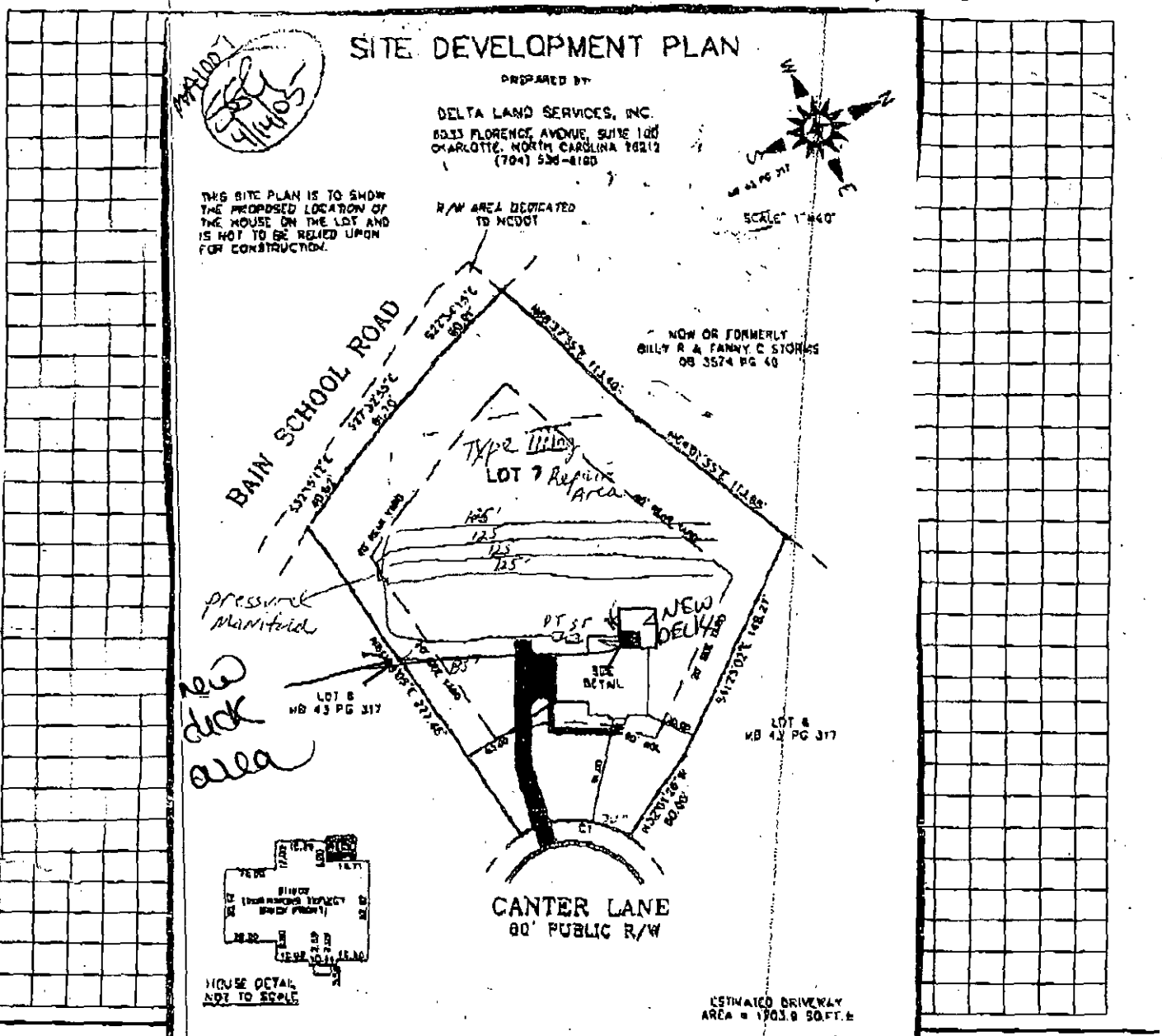
MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

5965B

PROPOSED PLOT PLAN

drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), location of existing or proposed sewer lines and sewage disposal systems, surface water bodies, and any aboveground or underground storage tanks. Provide names for all roads that adjoin the property.

Street Address: 11902 Canter Ln Tax Parcel #: 197-241-60



*The undersigned, an authorized agent of the Mecklenburg County Health Department, certifies that the Department has approved the Request for the "Job Location" contained in this document. This approval is granted in accordance with the provisions of Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal and Water Supply Wells in effect at the time of issuance of the permit and is subject to the following provisions:

- No work shall be conducted on the septic tank system until an installation, construction, alteration and/or repair approval is granted by this Department.
- This permit is not transferable.
- Addition/Renovation approval valid 1 year from issuance date
- Mobile home exchange approval valid 6 months from issuance date

Deck meets required set back off septic

Jenny Michael 06/14/2011
REHS Signature Date

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

Revised on: 01/03/11

CERTIFICATE OF COMPLETION/OPERATION PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 5965B DATE: 8/5/05

TC: 197241 16 20 60 ☑ L ☐ CRT

SERIAL 19841

Name of Owner Ryan Homes Juris.:

Address of Property 11902 Canter Lane

Inspection Data:

Tank Material PCC

Total Length of Drainfield 535'

Number of Lines 4 @ 133'

Cover Depth 16"

Water Supply Source municipal

Distance to Water Source >10'

Excavation Inspected 8/5/05

Tank(s) Inspected 8/5/05

Wash Line Inspected plumb to tank

High Water Alarm Inspected 8/5/05

see installation approval

PLOT

Design 2005, 1500ST, 1000DT, PI, Pressure manifold, 1610SFT, 12" stone CTR# RCS

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☒ installed or constructed ☐ altered or repaired

☒ in accordance with the permit issued ☐ as detailed in the plot above

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. This issuance of this

☐ Certificate of Completion ☒ 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. 1990 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/revocation of this permit.

COMMENTS: Septic system designed for a 4 bedroom residence. Type IIIg

Philo S. Walker RS
Environmental Health Specialist

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

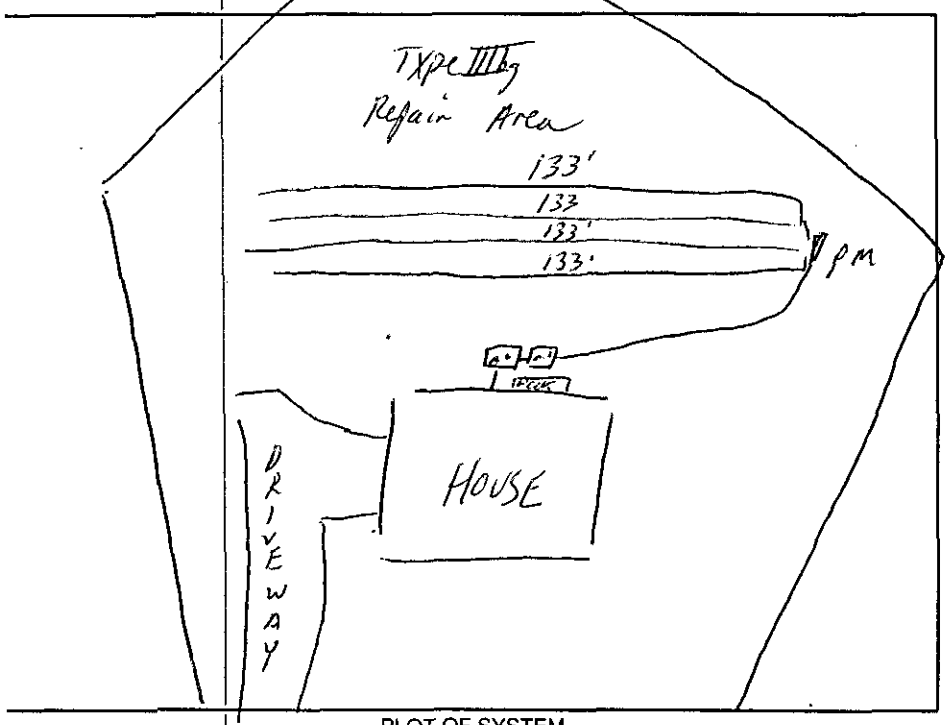
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 5965B DATE: 7/21/05

TC: 197241 6260 L

SERIAL 19991 Lot 7

Permission is hereby given to ✓ Install or Construct, _____ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in the application dated 4/18/05. All work shall be completed on or before 8/21/05, after which date this permit 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 the granting of this permit. A Certificate of Completion or 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 or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank 1000 gallons

Tank Construction PCC

Trench Depth 30"

Absorption and/or Nitrification Lines:

Trench Width 3' feet

Trench Walls Scored and Porous Yes

Total Line Length 535' feet

Number of Lines 4 (133')

Depth of Stone 12" inches

Distance from House 5' feet

Distance from Property Line 10' feet

Distance from Well > 100' feet
10' municipal

NOTICE: This system shall not be installed while soils are in a wet condition.

NAME OF OWNER Ryan Homes

LOCATION OF PROPERTY 11902 Canter Lane Install

Comments: Change to 4 bedroom residence, 1500ST, 1000DT, PI, pressure manifold, 4 lines x 133' long x 3' wd x 12" stone Type IIIb, Repair Area

Philo A. Walker RS
Environmental Health Specialist

WHITE - HEALTH DEPARTMENT's COPY • CANARY - E.H.S. COPY • PINK - OWNER OR AGENT's COPY

X335975

FEE: $300.00
DATE: 5/11/05 VAN

AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION

ND 12744 BCS

PERMIT NUMBER: 5965B 60
PARCEL NUMBER: 197-241-~~46PO~~

JOB LOCATION ADDRESS: 11902 CANTER LANE
PROPERTY OWNER: NUR,INC.
BUILDING CONTRACTOR: RYAN HOMES
SUBDIVISION NAME: THE MEADOWS OF MINT HILL
AUTHORIZATION ISSUED BY: PHILO WALKER DATE: 05/04/05

Philo S. Walker RS
DENR/DEH AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 5965B, 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, CONSTRUCTION, ALTERATION AND/OR REPAIR 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.

5. OTHER CONDITIONS:
INNOVATIVE SEPTIC SYSTEM APPROVAL, AGREEMENT FORMS REQUIRED

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

Sheet: 1 of 2
Property ID: PO 197-241-16
Lot #: 7
File #: 5965b
Code: 1

AOS

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: NVR, Inc., dba Ryan Homes
Applicant: Kim Stanley
Address: 10815 David Taylor Drive, Ste. 100, Charlotte, N. C. 28262
Date Evaluated: 4/26/2005
Proposed Facility: Residence
Design Flow (.1949): 600gpd
Property Size: 1.25a
Location of Site: Canter Lane
Property Recorded:
Water Supply: [x] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941 .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	0-5	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV
		5-34	SBK/C	FI/SEXP/S/P					.3GPD/FT^2
		34-48	SBK/CL	FR/SEXP/SS/SP					
2	"	0-6	GR/CL	"	"	"	"	"	"
		6-48	SBK/C	FI/SEXP/S/P					
3	"	0-5	GR/CL	FR/SEXP/SS/SP	>51" TO SOIL WETNESS	51	"	"	"
		5-51	SBK/C	FI/SEXP/S/P					
4	"	0-7	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	"	"	"
		7-42	SBK/C	FI/SEXP/S/P					
5	"	0-9	GR/CL	FR/SEXP/SS/SP	>34" TO SOIL WETNESS	34	"	"	US, IV
		9-34	SBK/ABK/C	FI/SEXP/S/P					.25GPD/FT^2
6	"	0-4	GR/CL	FR/SEXP/SS/SP	>49" TO SOIL WETNESS	49	"	"	PS. IV
		4-34	SBK/C	FI/SEXP/S/P					.3GPD/FT^2
		34-49	SBK/CL	FR/SEXP/SS/SP					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.3GPD/FT^2	.3GPD/FT^2

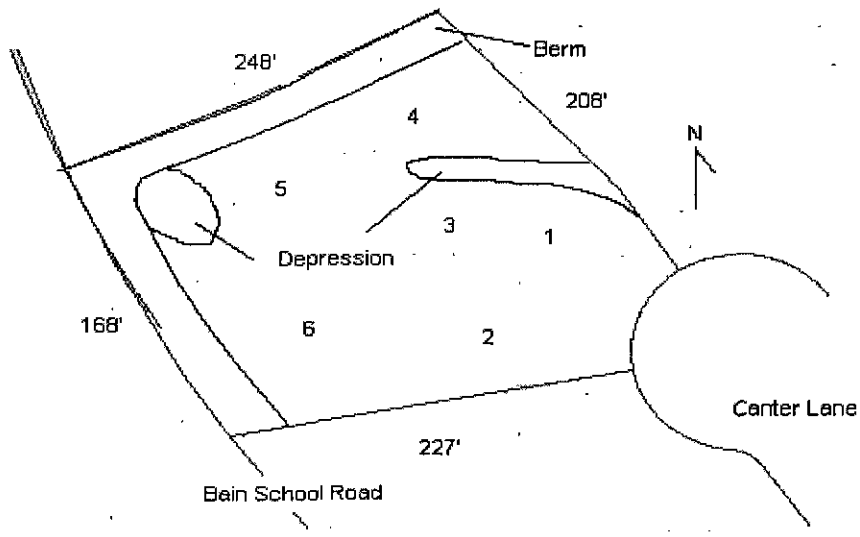
Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 4/28/2005, W. R. Marlin
Others Present:

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-Foot 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



CONDITIONS OF IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATON

60

Permit Number: 5965B

Tax Number: 197-241-16 PO

- 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:

.3 Long-term acceptance rate (GPD/ft^2)	600 Max gallons/day wastewater flow	1500 Absorption Area (ft^2)	9 Trench spacing (min. on centers) (ft)
Serviced by private well: ☐ Yes ☒ No	1500 Gallon septic tank	500 Total trench length (ft)	30 Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.)
5 Bedrooms in residence	1000 Gallon pump tank	NA Depth of stone (in)	

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

Additional conditions: **INNOVATIVE SEPTIC SYSTEM APPROVAL, AGREEMENT SHALL BE RECORDED AND ON FILE PRIOR TO CONSTRUCTION RELEASE**

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:

1500 Absorption Area (ft^2) 500 Total trench length (ft)	NA Depth of stone (in)	9 Trench spacing (min. on centers) (ft)	30 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.

Phillip J. Walker PJ 5/4/05
DENR Authorized Agent Date

Patrice Garner 5/10/05
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

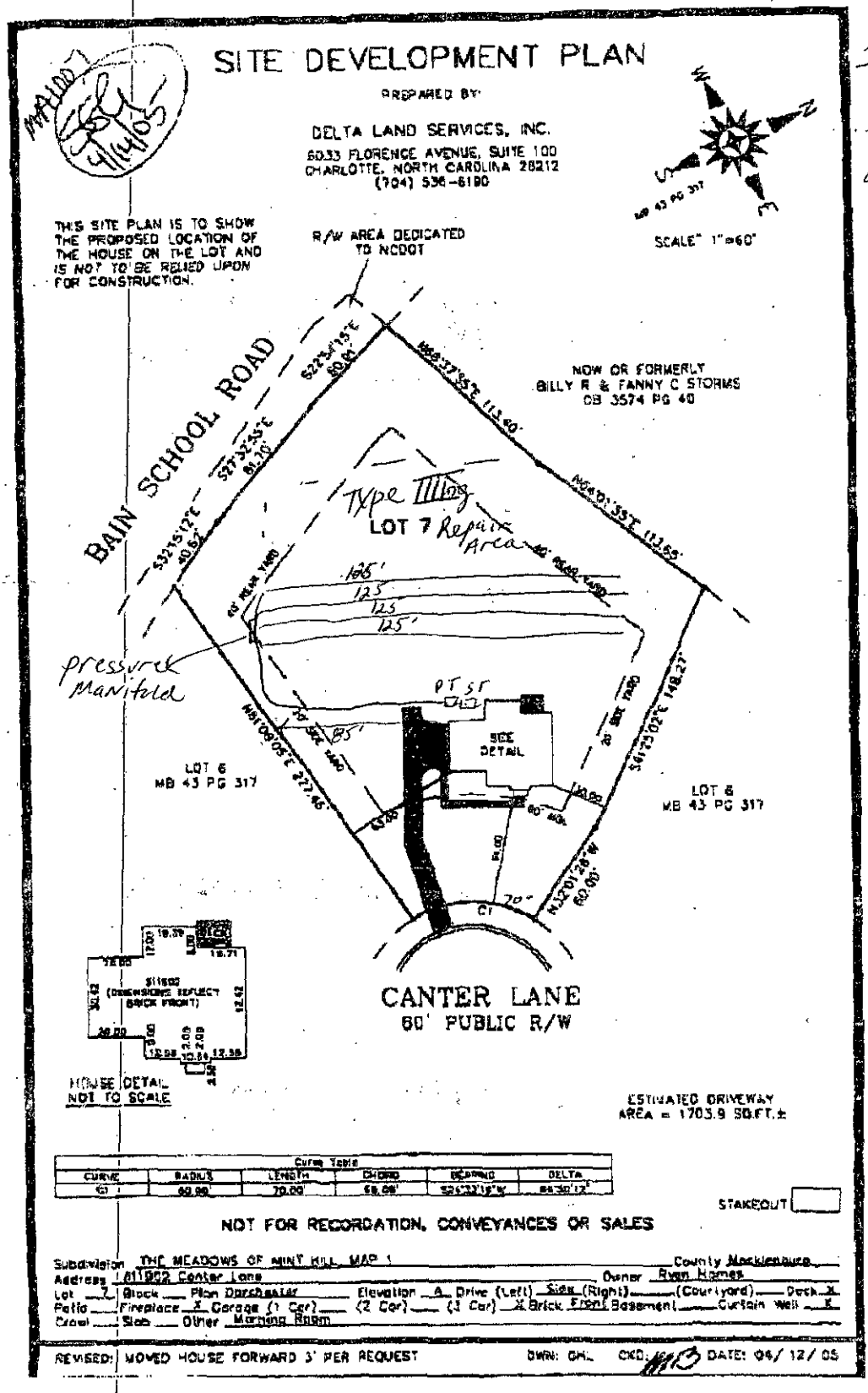
5965B

SITE DEVELOPMENT PLAN

PREPARED BY:

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

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



Curve Table					
CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
C1	60.00'	70.00'	66.09'	S25°33'15"W	66°50'12"

STAKEOUT

NOT FOR RECORDATION, CONVEYANCES OR SALES

Subdivision THE MEADOWS OF MINT HILL, MAP 1 County Mecklenburg
Address 11902 Canter Lane Owner Ryan Homes
Lot 7 Block ___ Plan Dorchester Elevation A Drive (Left) Side (Right) (Courtyard) Deck X
Patio ___ Fireplace X Garage (1 Car) (2 Car) (3 Car) X Brick Front Basement ___ Curtain Wall X
Crawl ___ Slab ___ Other Morning Room

REVISED: MOVED HOUSE FORWARD 3' PER REQUEST DWN: GHL CKD: MB DATE: 04/12/05

COMMENTS

5 Bedroom Residence
Innovative Septic System
Approval, Agreement
forms shall be recorded
and on file prior
to cons. Authe. release.
1500 ST Lift pump
1000 PT required
pressure manifold
distribution
5 lines x 125' long
x 3' wide 500 LF
Municipal water

Patrice Garner

200.00 4/20/05
#33575

GWS – RES. APP 12/04

[redacted]

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

[redacted]

FILE # 59693

SEPTIC / TYPE APPLICATION: ☐ NONE ☒ NEW SYSTEM EXISTING SYSTEM: ☐ EXPANSION/ALTERATION ☐ REPAIR

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

JOB LOCATION INFORMATION: Mint Hill
TAX/PARCEL #: 19724116PO
STREET ADDRESS: 11902 Caster Lane
CITY: Mint Hill
STATE: NC **ZIP:** 28227
SUBDIVISION OR MOBILE HOME PARK NAME: The Meadows
LOT #: 7
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: 3,500
NUMBER OF BEDROOMS: 5
NUMBER OF OCCUPANTS: 4

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: NVR, INC.
ADDRESS: 10815 David Taylor Dr., Ste 100
CITY: Charlotte
STATE: NC **ZIP:** 28262
HOME PHONE: **WORK PHONE:** 548-3534
MOBILE PHONE: **FAX:**

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:
NAME:
ADDRESS:
CITY:
STATE: **ZIP:**
HOME PHONE: **WORK PHONE:**
MOBILE PHONE: 791-6852 **FAX:**

Kimberly Stanley
PO Box 176
Stanfield, NC 28163
704-792-9639
www.mayfair.com/kstanley

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? April 2005
WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? July 2005

"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.

Kim Stanley 4/18/05
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

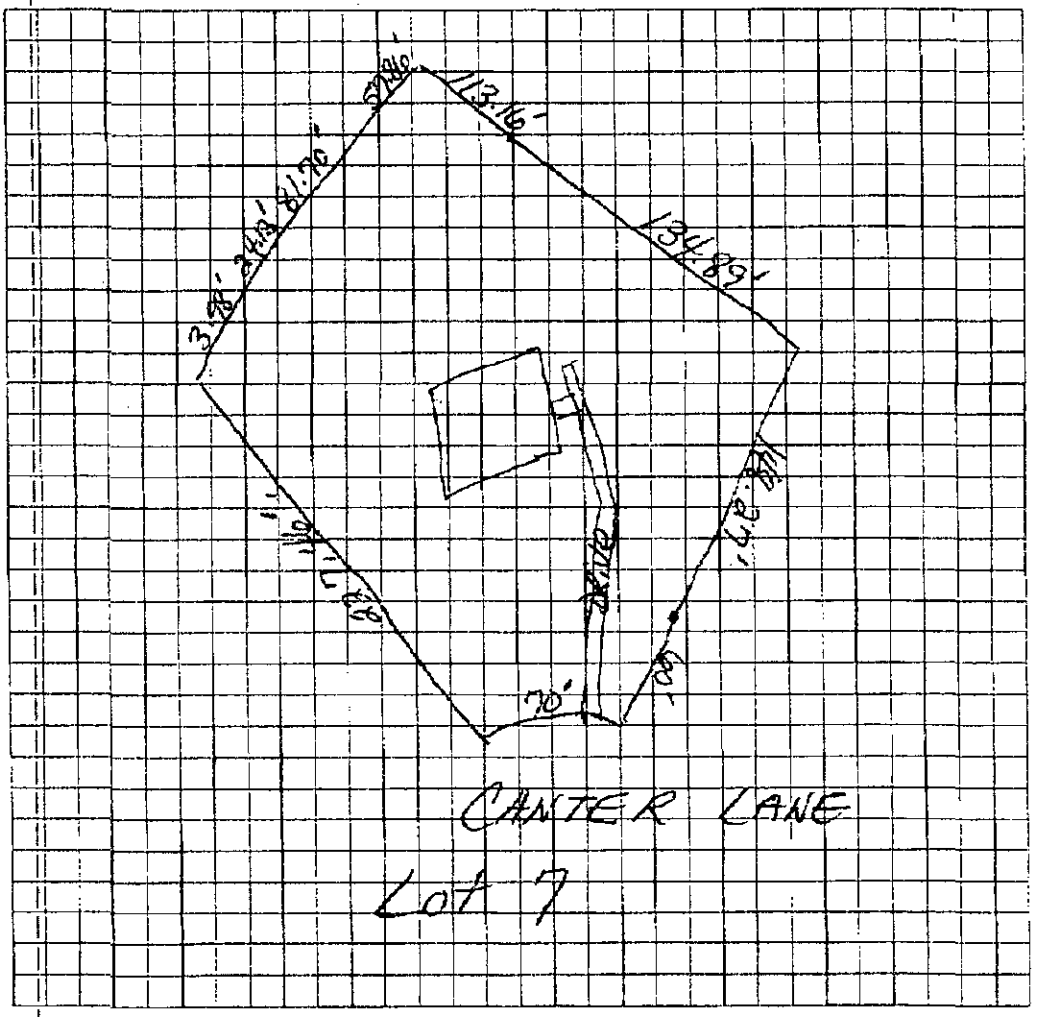
MECKLENBURG COUNTY HEALTH DEPARTMENT
GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211
CHARLOTTE, NC 28202
704-336-5103 / FAX: 704-336-6894

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 # 59658
Date 19724116

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 Kim Stanley
Date 4/18/05

LBC 12/15/04

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

Sheet: 1 of 2
Property ID: PO 197-241-16
Lot #: 7
File #: 5965b
Code: 1

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: NVR, Inc., dba Ryan Homes
Applicant: Kim Stanley
Address: 10815 David Taylor Drive, Ste. 100, Charlotte, N. C. 28262
Date Evaluated: 4/26/2005
Proposed Facility: Residence
Design Flow (.1949): 600gpd
Property Size: 1.25a
Location of Site: Canter Lane
Property Recorded:
Water Supply: [x] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941 Structure/ Texture	SOIL MORPHOLOGY 1941 Consistence Mineralogy	OTHER PROFILE FACTORS 1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
1	LS, 8	0-5	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV .3GPD/FT^2
		5-34	SBK/C	FI/SEXP/S/P					
		34-48	SBK/CL	FR/SEXP/SS/SP					
2	"	0-6	GR/CL	"	"	"	"	"	"
		6-48	SBK/C	FI/SEXP/S/P					
3	"	0-5	GR/CL	FR/SEXP/SS/SP	>51" TO SOIL WETNESS	51	"	"	"
		5-51	SBK/C	FI/SEXP/S/P					
4	"	0-7	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	"	"	"
		7-42	SBK/C	FI/SEXP/S/P					
5	"	0-9	GR/CL	FR/SEXP/SS/SP	>34" TO SOIL WETNESS	34	"	"	US, IV .25GPD/FT^2
		9-34	SBK/ABK/C	FI/SEXP/S/P					
6	"	0-4	GR/CL	FR/SEXP/SS/SP	>49" TO SOIL WETNESS	49	"	"	PS, IV .3GPD/FT^2
		4-34	SBK/C	FI/SEXP/S/P					
		34-49	SBK/CL	FR/SEXP/SS/SP					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.3GPD/FT^2	.3GPD/FT^2

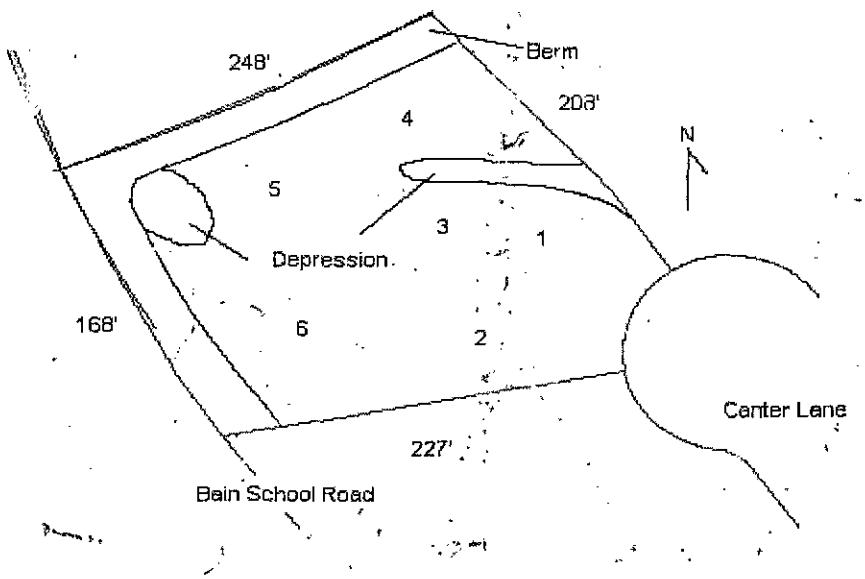
Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 4/28/2005 W. R. Marlin
Others Present:

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-Foot 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



SITE DEVELOPMENT PLAN

PREPARED BY:

DELTA LAND SERVICES, INC.
6033 FLORENCE AVENUE, SUITE 100
CHARLOTTE, NORTH CAROLINA 28212
(704) 536-6180

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

R/W AREA DEDICATED TO NCDOT

SCALE: 1"=60'

BAIN SCHOOL ROAD

S22°34'15"E 60.62'

S27°32'55"E 81.20'

S32°15'12"E 40.62'

N66°37'55"E 113.60'

NOW OR FORMERLY
BILLY R & FANNY C STORMS
DB 3574 PG 40

N44°01'55"E 113.55'

LOT 7

40' RCSBL

40' RCSBL

30' SWR YARD

30' SWR YARD

S41°23'02"E 148.27'

N51°08'05"E 277.45'

SIDE DETAIL

LOT 6
MB 43 PG 317

LOT 8
MB 43 PG 317

60' MBL

10.00'

63.76'

C1

N32°01'28"W 60.00'

CANTER LANE
60' PUBLIC R/W

HOUSE DETAIL
NOT TO SCALE

ESTIMATED DRIVEWAY
AREA = 1703.9 SQ.FT.±

Curve Table

CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
C1	60.00'	70.09'	66.08'	S24°31'18"W	66°55'12"

STAKEOUT

NOT FOR RECORDATION, CONVEYANCES OR SALES

Subdivision THE MEADOWS OF MINT HILL MAP 1 County Mecklenburg
Address 10109Z2 Canter Lane Owner Ryan Homes
Lot 7 Block ___ Plan Dorchester Elevation A Drive (Left) Side (Right) ___ (Courtyard) ___ Deck X
Patio ___ Fireplace X Garage (1 Car) ___ (2 Car) ___ (3 Car) X Brick Front Basement ___ Curtain Wall X
Crawl ___ Slab ___ Other Morning Room

REVISED: MOVED HOUSE FORWARD 3' PER REQUEST DWN: GHL CKD: MC DATE: 04/12/05

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

Sheet: 1 of 2
Property ID: PO 197-241-16
Lot #: 7
File #: 5965b
Code: 1

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: NVR, Inc., dba Ryan Homes
Applicant: Kim Stanley
Address: 10815 David Taylor Drive, Ste. 100, Charlotte, N. C. 28262
Date Evaluated: 4/26/2005
Proposed Facility: Residence
Design Flow (.1949): 600gpd
Property Size: 1.25a
Location of Site: Canter Lane
Property Recorded:
Water Supply: [x] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	SOIL MORPHOLOGY				OTHER PROFILE FACTORS				
	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	1941 Structure/ Texture	1941 Consistence Mineralogy	1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Saprov Class	1944 Restr Horiz	Profile Class & LTAR
1	LS, 8	0-5	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	N/A	NONE	PS, IV
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		34-48	SBK/CL	FR/SEXP/SS/SP					
2	"	0-6	GR/CL	"	"	"	"	"	"
		6-48	SBK/C	FI/SEXP/S/P					
3	"	0-5	GR/CL	FR/SEXP/SS/SP	>51" TO SOIL WETNESS	51	"	"	"
		5-51	SBK/C	FI/SEXP/S/P					
4	"	0-7	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	"	"	"
		7-42	SBK/C	FI/SEXP/S/P					
5	"	0-9	GR/CL	FR/SEXP/SS/SP	>34" TO SOIL WETNESS	34	"	"	US, IV
		9-34	SBK/ABK/C	FI/SEXP/S/P					.25GPD/FT
6	"	0-4	GR/CL	FR/SEXP/SS/SP	>49" TO SOIL WETNESS	49	"	"	PS, IV
		4-34	SBK/C	FI/SEXP/S/P					.3GPD/FT^2
		34-49	SBK/CL	FR/SEXP/SS/SP					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.3GPD/FT^2	.3GPD/FT^2

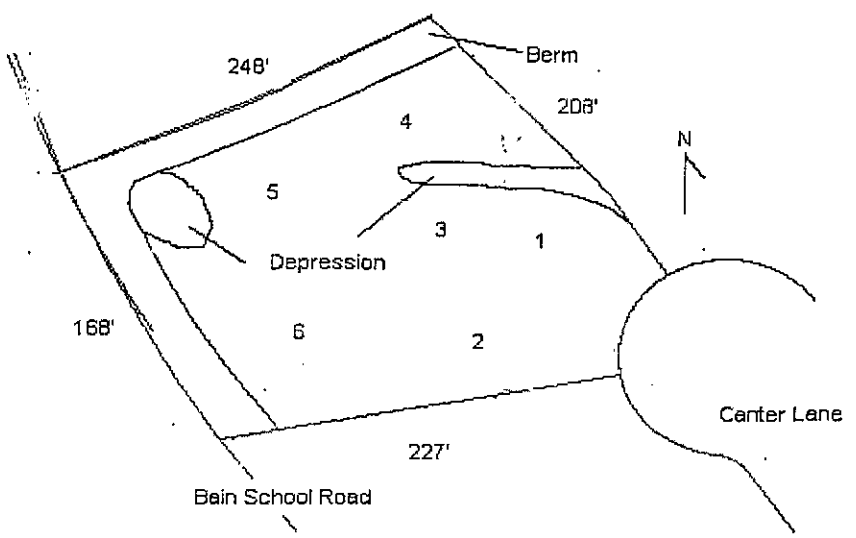
Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 4/28/2005 W. R. Marlin
Others Present:

COMMENTS:
100% repair

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
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	VP-Very Plastic	

Sketch of Soil Evaluation Locations



SITE DEVELOPMENT PLAN

PREPARED BY:

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8033 FLORENCE AVENUE, SUITE 100
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R/W AREA DEDICATED TO NCDOT

SCALE: 1"=60'

BAIN SCHOOL ROAD

NOW OR FORMERLY
BILLY R & FANNY C STORMS
DB 3524 PG 40

Type IIIMod
LOT 7 Repair Area

125'
125'
125'
125'

pressure Manifold

PT ST

SEE DETAIL

LOT 6
MB 43 PG 317

LOT 6
MB 43 PG 317

CANTER LANE
60' PUBLIC R/W

HOUSE DETAIL
NOT TO SCALE

ESTIMATED DRIVEWAY AREA = 1705.9 SQ.FT.±

Curve Table					
CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
C1	60.00'	70.00'	66.09'	S24°33'15"W	66°50'12"

STAKEOUT

NOT FOR RECORDATION, CONVEYANCES OR SALES

Subdivision THE MEADOWS OF MINT HILL MAP 1 County Mecklenburg
Address 11902 Canter Lane Owner Ryan Homes
Lot 12 Block ___ Plan Dorchester Elevation A Drive (Left) Side (Right) (Courtyard) Deck X
Patio ___ Fireplace X Garage (1 Car) ___ (2 Car) ___ (3 Car) X Brick Front Basement ___ Curtain Wall X
Crawl ___ Slab ___ Other Morning Room

REVISED: MOVED HOUSE FORWARD 3' PER REQUEST DWN: GHL CKD: MPB DATE: 04/12/05

COMMENTS

5 Bedroom Residence
Innovative Septic System
Approval, Agreement
forms shall be recorded
and on file prior
to const. Auth. release
1500 ST Lift pump
1000 PT required
pressure manifold
distribution
5 lines x 125' long
x 3' wid 500 LF
Municipal Water