BR1102

BM

FILE NUMBER: 7345B Revised On: August 31, 2007 APPLICATION NUMBER: 2739

SEPTIC FEE: 200 DATE: 9/24/07 or cash

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

WELL FEE: _____ DATE: _____

1. SEPTIC / TYPE APPLICATION: ☐ NONE ☒ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFIED PLOT PLAN

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

3. JOB LOCATION INFORMATION:

TAX PARCEL NUMBER: 139-034-21
STREET ADDRESS: 8055 Talcott Dr.
CITY: Mint Hill
STATE: NC ZIP: 28227
SUBDIVISION NAME: Stonebridge at Mint Hill
LOT #: 102 LOT SIZE (acres): .702acres
TOWNSHIP:

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

4. BUILDING INFORMATION:

BUILDING TYPE:

☐ SINGLE MOBILE HOME ☐ MODULAR HOME
☐ DOUBLE WIDE ☐ MULTIPLE FAMILY
☒ HOUSE ☐ OTHER _____

HEATED SQUARE FOOTAGE: 4,080
NUMBER OF BEDROOMS: 5
NUMBER OF OCCUPANTS: 4

FOUNDATION TYPE:

☐ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING
☒ CRAWL SPACE ☐ BASMENT WITH NO PLUMBING

5. IF PLANNING TO EXPAND OR ALTER THE EXISTING SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION: ☐ N/A

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

6. WATER SUPPLY: ☒ MUNICIPAL ☐ PUBLIC WELL ☐ PRIVATE WELL ☐ SHARED WELL ☐ SPRING

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

8. PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE *(1-MOST DESIRED 5-LEAST DESIRED)*:

☒ ANY TYPE ☐ CONVENTIONAL ☐ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER _____

8A. RANK: ____ ____ ____ ____ ____

9. DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES	☒ NO	GRADING/SOIL REMOVAL PERFORMED	☐ YES	☒ NO
EXISTING WASTEWATER (SEPTIC) SYSTEMS	☐ YES	☒ NO	JURISDICTIONAL WETLANDS	☐ YES	☒ NO
WELLS, SPRINGS, OR WATER LINES	☐ YES	☒ NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	☐ YES	☒ NO
EASEMENTS OR RIGHT-OF-WAYS	☒ YES	☐ NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	☐ YES	☒ NO

10. PROPERTY OWNER:

NAME: NVR, Inc dba Ryan Homes
ADDRESS: 10815 David Taylor Dr., Ste 100
CITY: Charlotte
STATE: NC ZIP: 28262
HOME PHONE: WORK PHONE: 704-548-3534
MOBILE PHONE: FAX: 704-503-4516

11. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:

NAME: Kim Widenhouse
ADDRESS: PO Box 176
CITY: Stanfield
STATE: NC ZIP: 28163
HOME PHONE: WORK PHONE: 704-791-6852
MOBILE PHONE: FAX: 704-795-6996

12. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 9-11-07
13 WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? Feb 2008

14. SEPTIC SYSTEM PERMIT APPLICATION SIGNATURE SECTION:

If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for either 60 months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

Kim Widenhouse 9/19/07
Property Owner's or Owner's Legal Representative Signature Date

15. WELL PERMIT APPLICATION SIGNATURE SECTION:

If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for a period of 12 months from the date of issuance.

_____
Property Owner's or Owner's Legal Representative Signature Date

☐ SURVEY PLAT TO SCALE SUBMITTED ☒ SCALED SITE PLAN SUBMITTED ☐ UN-SCALED SITE PLAN SUBMITTED

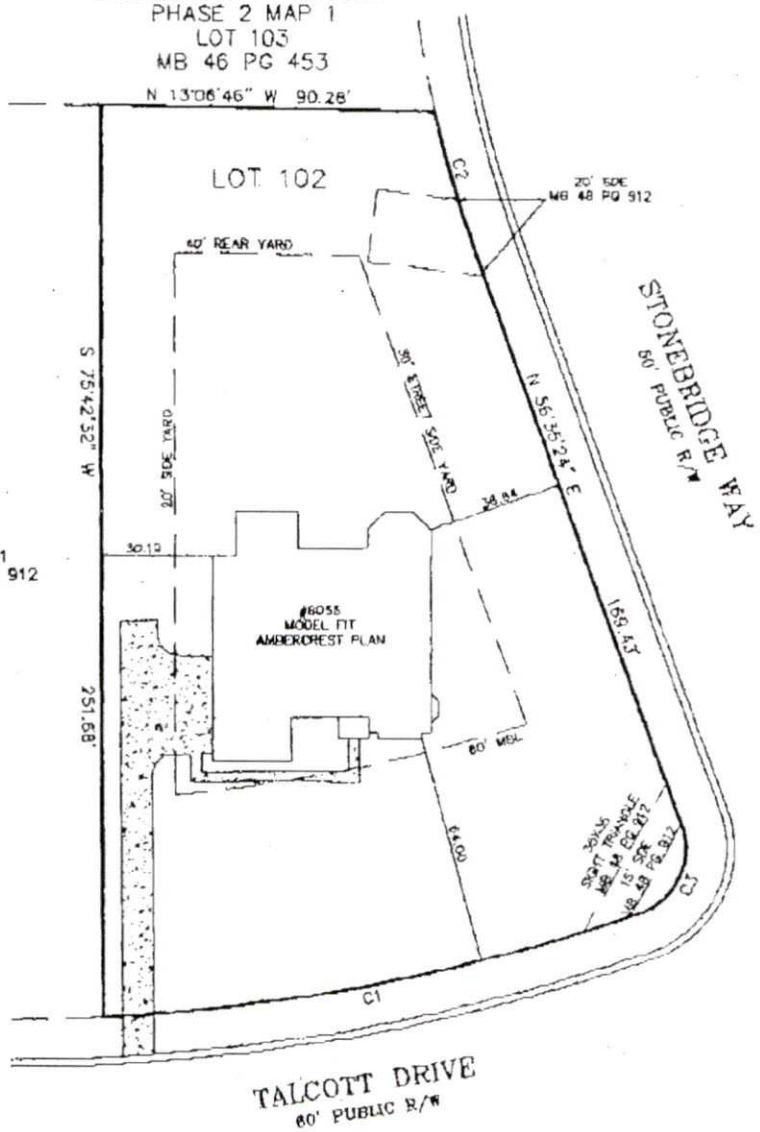
PROPOSED MODEL FIT

PREPARED BY:

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

**MODEL FIT ONLY
NOT TO BE USED
FOR CONSTRUCTION
OR STAKING**

SCALE: 1" = 40'



CURVE TABLE					
CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
C1	425.00	147.00	146.16	N78°03'07"W	19°48'53"
C2	925.00	28.43	28.41	N56°55'39"E	1°45'22"
C3	20.00	31.37	28.25	N78°29'01"E	89°51'40"

ESTIMATED DRIVEWAY
AREA = 1499.4 SQ FT ±

STAKEOUT

NOT FOR RECORDATION, CONVEYANCES OR SALES

Subdivision STONEBRIDGE SUBDIVISION, PHASE 2, MAP 2 County MECKLENBURG
Address 8055 TALCOTT DRIVE Owner RYAN
Lot 102 Block ___ Plan AMBERCREST Elevation B Drive (Left) SIDE (Right) ___ (Courtyard) ___ Deck ___
Patio ___ Fireplace ___ Garage (1 Car) ___ (2 Car) ___ (3 Car) X Brick FULL Basement ___ Curtain Wall ___ X
Crawl ___ Slab ___ Other MORNING ROOM, SITTING ROOM, PARTIAL FRONT PORCH, BAY @ LR SIDE

REVISED:

DWN: JDA CKD: DATE: 9 / 18 / 07

STONEBRIDGE/SB-0102.DWG - JDA

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	09/21/07	**Amount:**	1,400.00
Receipt #:	52760	**Tendered:**	0.00
Check / Auth #:	CHARGE	**Returned:**	0.00
Received By:	CRAIGGY		

Account Information

Account #: X33575
Contractor: NVR INC (EAST)
Attn:
Address: 10815 DAVID TAYLOR DR 100
Address:
City/State/Zip: CHARLOTTE, NC 28262

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen lots 92, 93, 94, 95, 97, 99, 102(7 total)		1	1,400.00	1,400.00

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

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
16,146.48	14,459.39	11,003.80			

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

Sheet: 1 of 3
Property ID: 139-034-21
Lot #: 102
File #: 7345B
AppID: 2739

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: NVR,Inc./Ryan Homes
Applicant: Kim Widenhouse
Address: 10815 David Taylor Dr., Charlotte, NC 28262
Date Evaluated: 11/16/2007
Proposed Facility: Residence
Design Flow (.1949): 600 gpd
Property Size: .702a
Location of Site: 8055 Talcott Dr
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	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1P	LS,10	0-15	GR/SCL	FR/SS/SP/SEXP	>25' TO SOIL WETNESS	25	N/A	NONE	US,IV
		15-25	SBK/C	FI/SP/SEXP					.1 GPD/FT^2/LPP
		25+	M/SAP						
2P	"	0-2	GR/SCL	FR/SS/SP/SEXP	>28" TO SOIL WETNESS	28	"	"	"
		2-28	SBK/C	FI/S/P/SEXP					
		28+	M/SAP						
3P	"	0-20	GR/SCL	FR/SS/SP/SEXP	>40" TO SOIL WETNESS	40	"	"	PS,IV
		20-40	ABK/SBK/C	FI/S/P/SEXP					.25 GPD/FT
		40+	M/SAP						
4P	"	0-10	GR/SL	FR/SS/SP/SEXP	>48" TO SOIL WETNESS	48	"	"	"
		10-48	ABK/SBK/C	FI/S/P/SEXP					
					SITE LTAR BORINGS 1&2				.1 GPD/FT^2/LPP
					SITE LTAR BORINGS 3,4,6				.25 GPD/FT^2

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR		

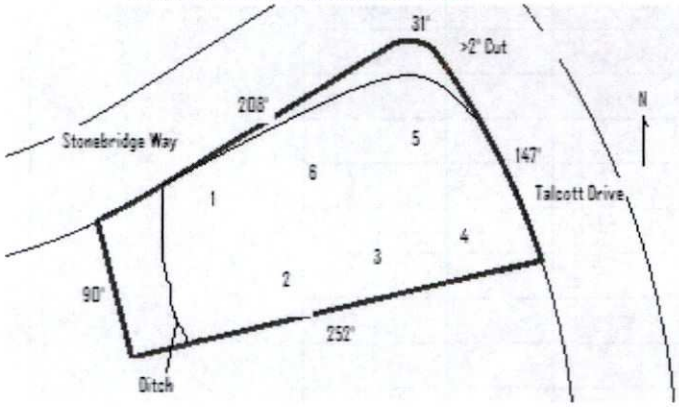
Other Factors (.1946): Backhoe pits required
Soil Evaluation By: Chris Sherrill, RS,LSS
Others Present: None
Site Classification (.1948):
Site Evaluation By:
Others Present:

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				
FP-Flood Plain		CL-Clay Loam		
		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



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

Sheet: 3 of 3
File #: 7345B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

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	
5P	LS,10	0-15	GR/SL	FR/SS/SP/SEXP	>22" TO SOIL WETNESS	22	N/A	NONE	US
		15-19	GR/SCL	FR/SS/SP/SEXP					
		19-22	ABK/SBK/C	FI/S/P/SEXP					
		22+	M/SAP						
6P	"	0-3	GR/SL	FR/SS/SP/SEXP	>36" TO SOIL WETNESS	36	"	"	PS,IV .25 GPD/FT^2
		3-19	GR/SCL	FR/SS/SP/SEXP					
		19-36	ABK/SBK/C	FI/S/P/SEXP					
		36+	M/SAP						

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

Sheet: 1 of 3
Property ID: 139-034-21
Lot #: 102
File #: 7345B
AppID: 2739

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: NVR,Inc./Ryan Homes
Address: 10815 David Taylor Drive, Ste.100, Charlotte, NC 28262
Proposed Facility: Residence Design Flow (.1949): 600 gpd
Location of Site: 8055 Talcott Dr
Water Supply: [x] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [x] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

Applicant: Kim Widenhouse
Date Evaluated: 11/29/2007
Property Size: .702a
Property Recorded:

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1P	LS,10	0-10	GR/CL	FR/SS/SP/SEXP	>49" TO SOIL WETNESS	25	US	N/A	US,IV
		10-25	SBK/C	FI/S/P/SEXP					.1 GPD/FT^2
		25-49	M/SAP/CL	FI/S/P/SEXP					
2P	"	0-20	GR/SL	FR/SS/SP/SEXP	>50" TO SOIL WETNESS	50	N/A	"	PS,IV
		20-37	ABK/SBK/C	FI/S/P/SEXP					.225 GPD/FT^2
		37-50	PL/C	FI/S/P/SEXP					
3P	"	0-7	GR/SCL	FR/SS/SP/SEXP	>51" TO SOIL WETNESS	30	US	"	US,IV
		7-30	WKABKSBKC	FI/S/P/SEXP					.2 GPD/FT^2
		30-51	M/SAP/CL	FI/S/P/SEXP					
4P	"	0-5	GR/SL	FR/SS/SP/SEXP	>48" TO SOIL WETNESS	48	N/A	"	PS,IV
		5-48	WKABKSBKC	FI/S/P/SEXP					.225 GPD/FT^2
5P	"	0-32	GR/SL	FR/SS/SP/SEXP	>58" TO SOIL WETNESS	58	"	"	US,IV
		32-58	ABK/PL/C	FI/S/P/SEXP					.225 GPD/FT^2
					SITE LTAR				.225 GPD/FT^2

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR		

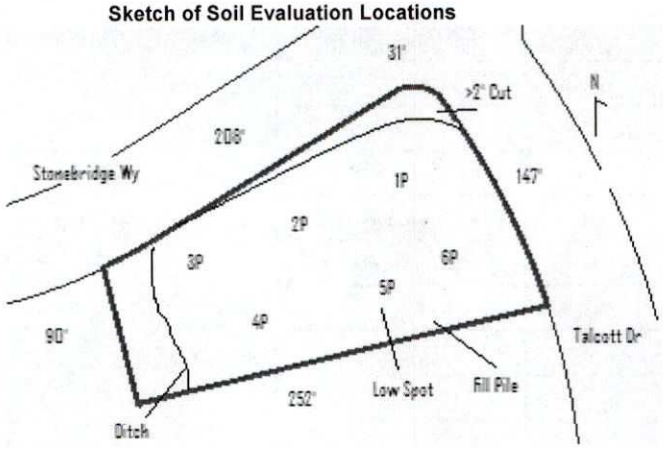
Other Factors (.1946):
Soil Evaluation By: C.Sherrill, RS,LSS
Others Present: B.Marlin,K.Widenhouse
Site Classification (.1948):
Site Evaluation By:
Others Present:

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
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HS-Head Slope				ABK-Angular Blocky
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T-Terrace				
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		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

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FI-Firm	S-Sticky	
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EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations



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

File #: 7345B

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM CONTINUED

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
6P	LS,10	0-15	GR/SL	FR/SS/SP/SEXP	>54" TO SOIL WETNESS	54	N/A	N/A	PS,IV
		15-38	ABK/SBK/C	FI/S/P/SEXP					.25 GPD/FT^2
		38-54	M/C	FI/S/P/SEXP					