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 #: 71808 Permit #: 2411 Tax Parcel #: 019-243-09

Property Owner: MARK MORGAN

Job Location Address: 15120 PAULSEN LOOP DRIVE (LOT #16)

City: Huntersville State: NC Zip Code: 28078

Operation Permit Issuance Date: 1/22/15 Contractor Name: TOMMY FRYE

Permitted Design Flow: 600 GPD

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: — gallons

Effluent Pump Model: —

Drainfield Installation ☐ N/A

Trench Depth: 16-18" inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 600 feet

# of Lines: 7 @ 86 feet

Depth of Media: 12 inches (Type) IQ4W

Depth of Cover: 6 inches

Distribution Device: DROP (END-CAP)

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: 15 feet

Distance from Property Line: 710' feet

Distance from Water Supply Source: 7100' feet

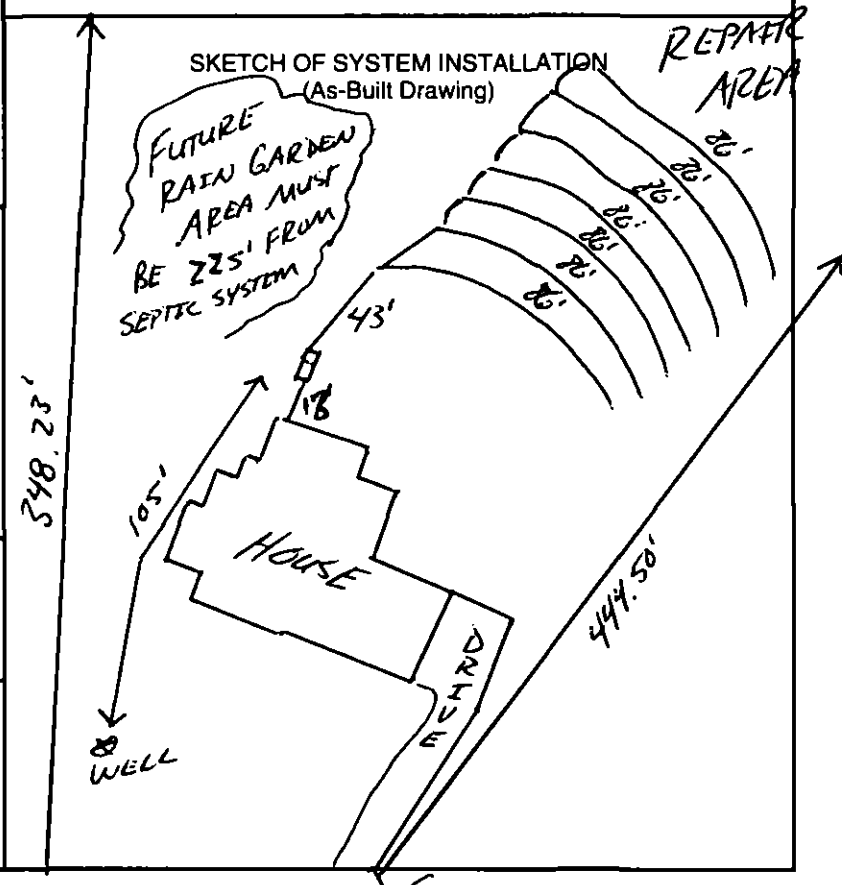
Inspection Dates

Tank(s) Inspected: 1/22/15

Excavation Inspected: 1/22/15

Pump & Controls Inspected: —

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



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: III-g, GRAVITY, IQ4W, NA, NA

DENR Authorized Agent: Jeremy Mickelson REHS Signature: Jeremy Mickelson REHS

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NC DENR
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On-Site Wastewater Section

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

File #: 7180B Permit #: 2411 Tax Parcel #: 019-243-09

Property Owner: MARK MORGAN

Job Location Address: 15120 PAVILION COURT DRIVE

City: HUNTERSVILLE State: NC Zip Code: 28078

OPERATION PERMIT CONDITIONS:

I. Performance: System shall perform in accordance with 15A NCAC 18A .1961.

II. Monitoring: System shall be monitored as required by 15A NCAC 18A .1961.

III. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the *contents of the septic tank removed, periodically from all compartments, to ensure proper* operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

IV. Operation: System shall be operated in accordance with 15A NCAC 18A .1961.

System Classification: IIIg

*Operation Permits for Type V and VI systems expire five (5) years from the date of issuance (in accordance with Table V(a)). The system owner must contact GWS six (6) months prior to expiration for permit renewal.

Subsurface system operator required: Yes ☐ No ☒

☐ This type of system requires the system owner to maintain a contract with a certified operator to perform system inspection, maintenance, and reporting as required in 15A NCAC 18A .1961. and Table V(a). The system owner is responsible for *all fees associated* with these services.

☒ System does not require inspection by GWS on a routine frequency.

☐ System requires inspection by GWS once every five (5) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every three (3) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every twelve (12) months. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every six (6) months. The system owner is responsible for *all fees associated with the inspection.*

V. Other:

DENR Authorized Agent: Jeremy Nicholson, REHS Date: 1/22/15

Signature: Jeremy Nicholson REHS

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NC DENR
Division of Environmental Health
On-Site Wastewater Section

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

File #: 7180B Permit #: 2411 Tax Parcel #: 019-243-09

Property Owner: MARK MORGAN

Job Location Address: 15120 PAVILION LOOP DRIVE (LOT #16)

City: Huntersville State: NC Zip Code: 28078

Installation Approval Issuance Date: 11/20/14

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 _____, 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: 600 GPD
Site LTAR: 0.25 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: 18 inches
Trench Width: 3 feet
Line Spacing: 9 feet (O.C.)
Total line length: 600 feet
# of Lines: 7 @ 86 feet
Depth of Media: 12 inches (Type) 25% RED.
Distribution Device: D-BOX

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

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

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

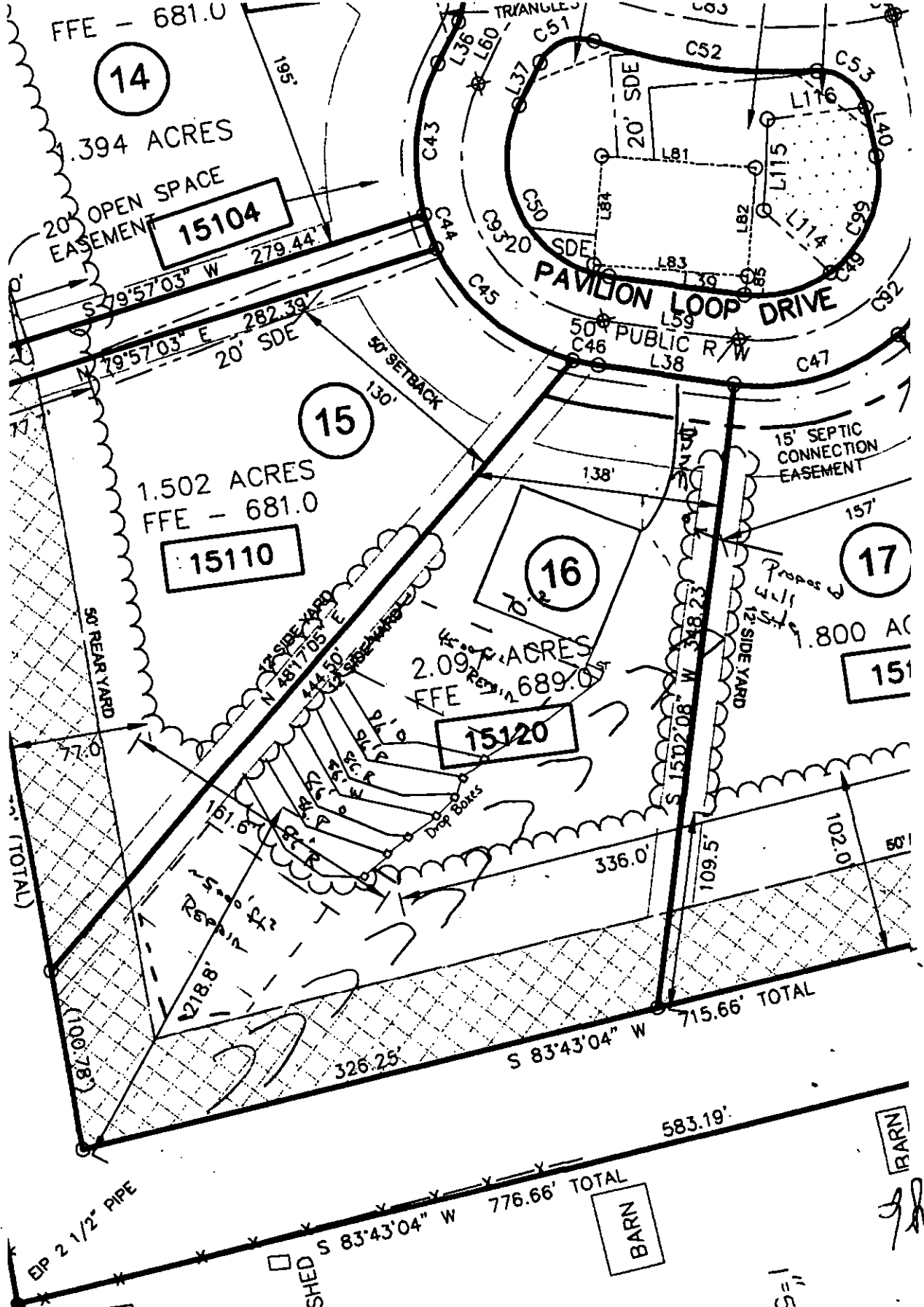
SKETCH OF SYSTEM LAYOUT
(Proposed Layout)

INSTALL TRENCHES A MAXIMUM OF 18"

INSTALL SYSTEM EXACTLY AS DESIGNED BY SAME.

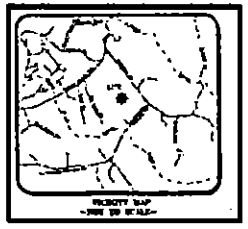
Comments: System Classification & Type: Type IIIg 25% RED. Accepted System

DENR Authorized Agent: Jeffrey Mickler, REHS Signature: Jeffrey Mickler, REHS



RD	
	21'05"W 118.91
	06'01"W 22.65
	27'07"W 34.08
	32'04"W 71.96
	29'52"W 140.69

Thelma S. Walker



Pavilion Lot 16
15120 Pavilion Loop Dr.
Parcel No 01924309
2.097 ac = 91345 sq.ft.

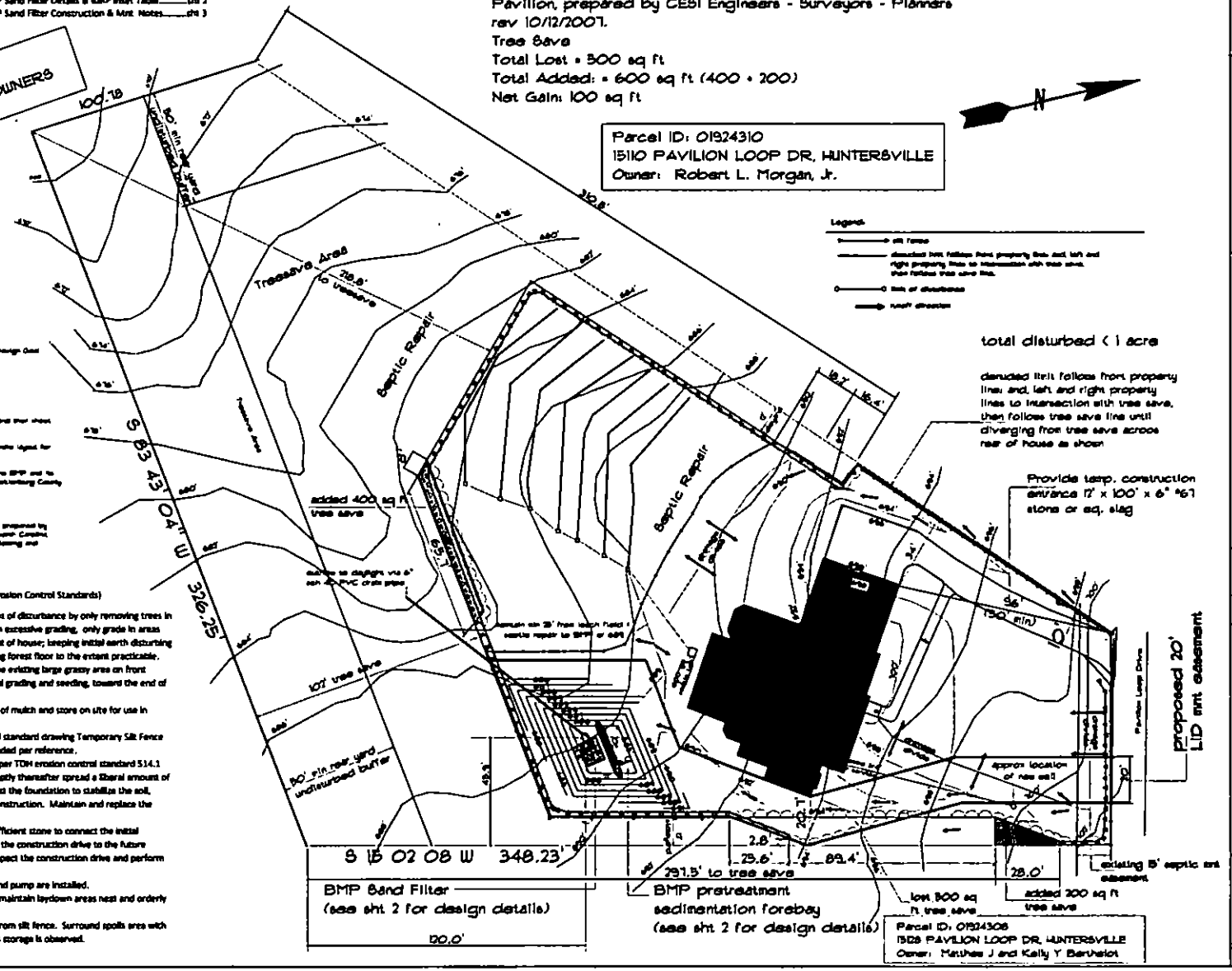
Index
1. Site Plan and site plan notes ..... sht 1
2. BMP Sand Filter Details & BMP Inset Table ..... sht 2
3. BMP Sand Filter Construction & Mnt. Notes ..... sht 3

BMP Impervious Table			
Existing Impervious	Proposed Impervious	Lot Area	Proposed Impervious %
0 sq ft	8000 sq ft (note)	91345 sq ft	8.8%

Proposed tree save changes as follows and as shown from the tree save shown on revised drawing of Subdivision Plat of the Pavilion, prepared by CESI Engineers - Surveyors - Planners rev 10/12/2007.
Tree Save
Total Lost = 500 sq ft
Total Added: = 600 sq ft (400 + 200)
Net Gain: 100 sq ft

Parcel No.: 01924330
Owner: THE PAVILION HOMEOWNERS ASSOCIATION INC

Parcel ID: 01924310
15110 PAVILION LOOP DR, HUNTERSVILLE
Owner: Robert L. Morgan, Jr.



Erosion Control Measures: (ref: Town of Huntersville, TOH, Erosion Control Standards)

1. When performing initial clearing, minimize the amount of disturbance by only removing trees in the denuded areas when possible; i.e. do not perform excessive grading, only grade in areas where absolutely necessary, for example, the footprint of house; keeping initial earth disturbing activities to a bare minimum, and retaining the existing forest floor to the extent practicable.
2. Also, when performing initial clearing, do not grade the existing large grassy area on front portion of the lot. Leave this area undisturbed till final grading and seeding, toward the end of the construction process.
3. In the tree clearing process maximize, the production of mulch and store on site for use in performing erosion control maintenance
4. Install and maintain silt fence per TOH erosion consrol standard drawing Temporary Silt Fence Std no. 5071, ensuring the ends of the fence are rounded per reference.
5. Install and maintain Construction Drive and entrance per TOH erosion control standard 514.1
6. Backfill the foundation as soon as possible; and, promptly thereafter spread a liberal amount of mulch (min mulch bed: 2.5 ft wide by 4 in thick) against the foundation to stabilize the soil, minimizing erosion from rainfall off the roof during construction. Maintain and replace the mulch bed as necessary.
7. Immediately following backfill of the garage, apply sufficient stone to connect the initial construction drive to the garage entry pad, extending the construction drive to the future garage entry pad and including the pad. Routinely inspect the construction drive and perform needed maintenance.
8. Provide temporary seed and straw after septic tank and pump are installed.
9. Order materials and supplies in small shipments, and maintain laydown areas neat and orderly to minimize laydown area space required.
10. Maintain excavation spoils areas a minimum of 25 ft from silt fence. Surround spoils area with silt fence or straw bales if excessive runoff from spoils storage is observed.

ENGINEER:
ROBERT L. MORGAN JR.
704-607-4438
14101 BLACK FARMS RD.
HUNTERSVILLE, NC 28078

R. MORGAN HOMES
MARK MORGAN
704-582-3916
mark@rmorganhomes.com
P.O. BOX 375
HUNTERSVILLE, NC 28070

Rev.	Date	Description
0	06/23/14	Original Submittal
1	07/13/14	Incorporate comments

BMP Plan - Sections - Details
Pavilion Lot 16
15120 Pavilion Loop Dr
Huntersville, NC 28078
Scale 1" = 20ft.

SHEET NO. 1 of 3

S&ME

Phil A Walker
10/18/07

September 27, 2007

Mr. Rick Jasinski
Simonini Builders
1910 South Boulevard, Suite 200
Charlotte, North Carolina 28203

Reference: **Request for a Septic Improvement Permit for Lot 16 The Pavilion**
Mecklenburg County Health Department (MCHD) File #7180B

Dear Mr. Jasinski,

Attached is the request for the Improvement Permit for the above referenced lot. We are requesting an Improvement Permit for a 5 bedroom house. This lot was originally permitted as a combination of lots 15 and 16 (S&ME plan dated March 28, 2007). Most of the proposed system on the original permit is now lot 16. Simonini made the decision to split the lots back into two lots. Mr. Bill Marlin revisited the lot on September 25, 2007 to further evaluate lot 16 for the proposed septic system and repair area.

We are proposing a gravity 25% Reduction system and a drip repair onsite. Mr. Bill Marlin, LSS with the MCHD, has evaluated the soils (see attached MCHD soil sheets) and approved the proposed primary septic area at a 0.25 gpd/sqft LTAR. S&ME, Inc. has flagged the primary system on the lot. The primary system lines were also located by the surveyor. Because of the soil depth at the primary system area, the MCHD is requesting a maximum 18 inch trench bottom depth, on the low side of the trench. The attached sketch and specifications are not an Improvement Permit and are intended only to assist the MCHD in permitting the referenced lot at The Pavilion.

A building permit cannot be issued until the MCHD issues an Authorization to Construct (ATC). The buyer will apply for the ATC. If the buyer's house pad does not fit in the "building envelope" shown on the Improvement Permit, the proposed system or number of bedrooms may have to be modified prior to the MCHD issuing the ATC. **No grading shall take place on the lot prior to obtaining the ATC from the MCHD.**

We request that the Improvement Permit be conditioned that any storm water detention or treatment devices required by Huntersville shall be reviewed with the proposed house plans and septic system location prior to issuing the Authorization to Construct.

The proposed primary system is a TYPE III and will not require a contract with a Certified Operator to supply maintenance services for the septic system. Please review the attached system sketch and design specifications for the Improvement Permit. If necessary, the MCHD may add comments to the site plan or specifications. Please call in you have and questions or comments.

Sincerely,

S&ME, Inc.

Paul G. Penninger, LSS
Licensed Soil Scientist

Rob Willcox, LSS
Natural Resources Department Manager

Attachments:
1. System Specifications
2. Site Plan
3. MCHD Soil Evaluation
4. Original system layout and soil sheets on 15-16 combination

Copy: Mr. Philo Walker, R.S.
MCHD

1. System Specifications

Design Specifications for Lot 16 at The Pavilion
MCHD File # 7180B

Daily Design Flow:	600 gpd
Number Bedrooms:	5 bedroom
Basement or Crawl Space:	Basement
Septic Tank Size:	1500 gal
Primary System Loading Rate:	**0.25 gpd/ft^2**
Primary System:	**25% Reduction***
Number and length of laterals:	7 @ 86 ft.
Total ft. of primary system:	602 ft.
Distribution Device:	Drop Boxes

***Maximum trench depth of 18 inches, on low side of trench.**

Repair System Loading Rate:	**0.25 gpd/ft^2**
Repair System:	**Subsurface *Drip***

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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 #: **30002411** GWS File #: **7180B** Tax Parcel #: **019-243-09**

- 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):** 10/18/2012

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

Structure Type: HOUSE Size (ft^2): 3600 # Bedrooms: 5 # Occupants: 10

Building Foundation: Crawl Space Water Supply: Private Well

II. Initial System Type: Approved **System Classification:** IIIg

Initial System Specifications:

Design Flow (gpd):	600	LTAR (gpd/ft^2):	0.25	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1800	Total Trench Length (ft):	600
Maximum Trench Depth (in):	18	Depth of Media (in):	12	Distribution Device:	Drop Boxes		

III. Repair System Type: Drip Irrigation **System Classification:** Vd

Repair System Specifications:

Design Flow (gpd):	600	LTAR (gpd/ft^2):	0.25	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	1500
Trench Width (ft):	1	Trench Spacing (ft):	2	Absorption Area (ft^2):	2182	Total Trench Length (ft):	2182
Maximum Trench Depth (in):	12	Depth of Media (in):	N/A	Distribution Device:	Headworks (Drip Irr.		

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: Philo Walker Owner/Legal Agent: Rich Jasinski

Signature: Philo Walker Signature: Rich Jasinski

Print Name

Date Issued: 10/18/2007

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 #: **30002411** GWS File #: **7180B**

IV. Permit Conditions/Comments:

- Additional soil cover, as specified on the plot plan, required over the drain field must be inspected and approved prior to issuance of an Operation Permit.
- This type of repair system requires the installation of a pump tank and all associated components. This type of system will require routine inspections by our office. The system owner is responsible for all fees associated with these inspections.
- This type of repair system requires the property owner to obtain a contract with a Certified Operator to perform routine inspections and maintenance on the system.
- This type of repair system requires periodic inspections by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- This Improvement Permit is being issued based on a supplemental soil investigation performed by staff from our office.
- 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:

- 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: Philo Walker

Signature: Philo Walker ES

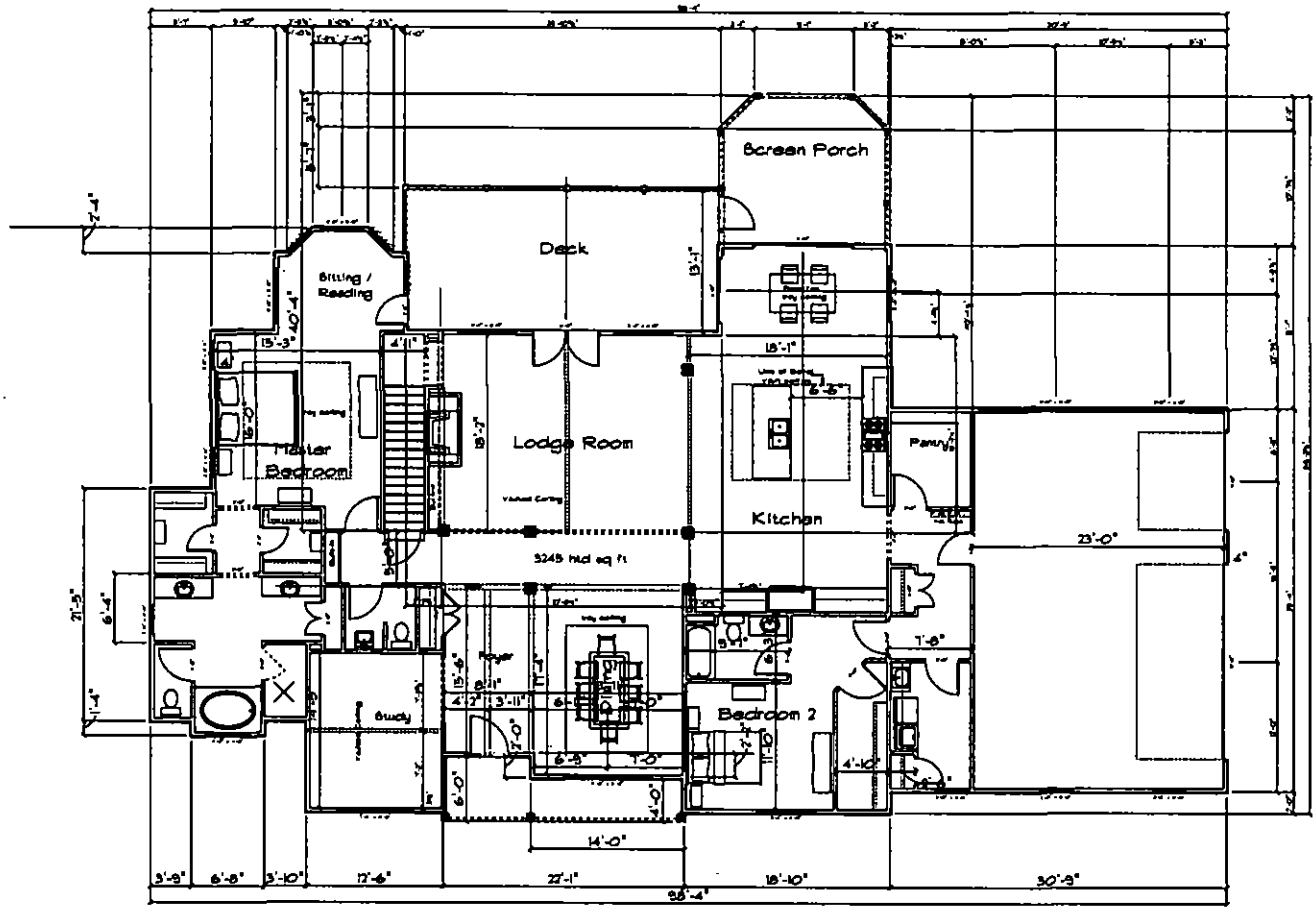
Date Issued: 10/18/2007

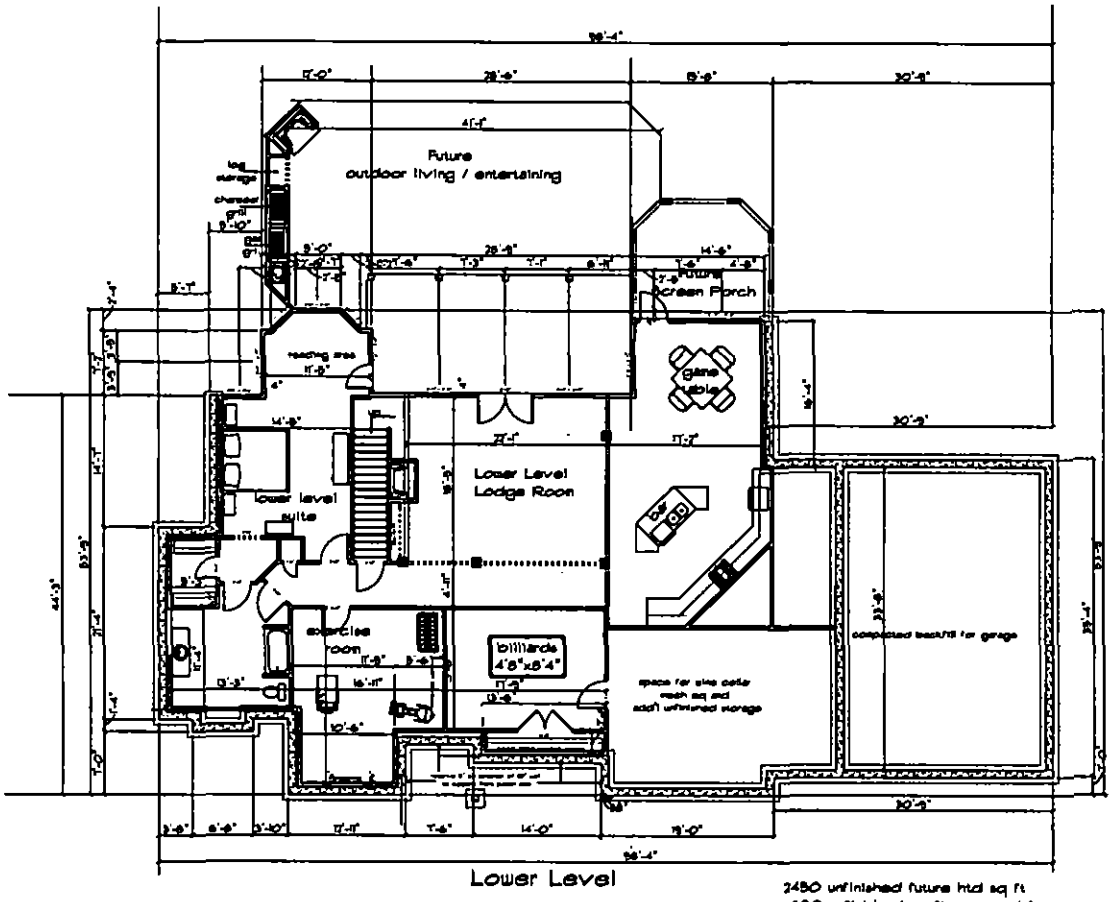
Owner/Legal Agent: Rick Jasinski

Print Name

Signature: Rick Jasinski

Page 2 of 2


Screen Porch
Deck
Sitting / Reading
Master Bedroom
Lodge Room
Kitchen
Pantry
Study
Bedroom 2
5245 hld sq ft
23'-0"
14'-0"
3'-9"
6'-8"
3'-10"
17'-6"
27'-1"
18'-10"
30'-9"
98'-4"



Lower Level

2450 unfinished future hbd sq ft
650 unfinished sq ft reserved for
mech eq, wine cellar + addl storage



15110 PAVILION LOOP DR

1/11/2008

duponbj

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

FEE: 200.00
DATE:8/11/2014

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 7180B

PERMIT NUMBER: 30002411

PARCEL NUMBER: 01924309

JOB LOCATION INFORMATION

ADDRESS: 15120 PAVILION LOOP DR

CITY: HUNTERSVILLE **STATE: NC** **ZIP:** 28078

ISSUED TO: THE PAVILION OF HUNTERSVILLE

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 10/18/2007

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30002411, 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: 10/18/2012

FILE NUMBER: 71803 APPLICATION NUMBER: 2411

SEPTIC FEE: 200
DATE: 6/20/07
Ck# 1829 JKH

Revised On: January 3, 2007

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: 019-243-09

TAX PARCEL NUMBER: 019 [illegible]
STREET ADDRESS: Pavilion Loop Dr.
CITY: Huntersville
STATE: NC ZIP: 28078
SUBDIVISION NAME:
LOT #: 16 LOT SIZE (acres): 1.865
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: 3600
NUMBER OF BEDROOMS: 5
NUMBER OF OCCUPANTS: 10
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: 1 2 3 4 ____

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 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: The Pavilion of Huntersville
ADDRESS: 1910 S. BLVD STE 200
CITY: Charlotte
STATE: NC ZIP: 28203
HOME PHONE: WORK PHONE: 358-9940
MOBILE PHONE: 201-8976 FAX: 358-9978

11. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:
NAME: Paul Prentice
ADDRESS: 5718 Old Battleground Rd
CITY: Greensboro
STATE: NC ZIP: 27410
HOME PHONE: WORK PHONE: 336-282-[illegible]718
MOBILE PHONE: 704-991-6330 FAX: 336-288-9980

12. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? NA
13 WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? NA

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.

[signature] 6-20-07
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

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

Sheet: 1 of 2
Property ID: 019-243-10
Lot #: 15
File #: 6895B
AppID: 2410

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: The Pavilion of Huntersville
Applicant: P. Penninger, S & ME
Address: 1910 S. Blvd., Ste 200, Charlotte, N. C. 28203
Date Evaluated: 9/25/2007
Proposed Facility: Residence
Design Flow (.1949): 600gpd
Property Size: 1.7a
Location of Site: Pavilion Loop Drive
Property Recorded:
Water Supply: [ ] Public [ ] 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 Structure/ Texture	SOIL MORPHOLOGY .1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	LS, 10	0-4	GR/SCL	FR/SEXP/SS/SP	>27" TO SOIL WETNESS	27	N/A	NONE	US, IV
		4-22	SBK/SC	FI/SEXP/S/P					.25GPD/FT^2
		22-27	SBK/SCL	FR/SEXP/SS/SP					
2	"	0-6	GR/SCL	"	>28" TO SOIL WETNESS	28	"	"	US, IV
		6-28	SBK/C	FI/SEXP/S/P					.2GPD/FT^2
3	"	0-6	GR/SCL	FR/SEXP/SS/SP	>33" TO SOIL WETNESS	33	"	"	US, IV
		6-33	SBK/SC	FI/SEXP/S/P					.225GPD/FT^2
A	LS, 8	0-5	GR/SCL	FR/SEXP/SS/SP	>22" TO SOIL WETNESS	22	"	"	US, IV
		5-22	SBK/C	FI/SEXP/S/P					.125GPD/FT^2
4	"	0-7	GR/SCL	FR/SEXP/SS/SP	>35" TO SOIL WETNESS	35	"	"	US, IV
		7-35	SBK/SC	FI/SEXP/S/P					.25GPD/FT^2
					LTAR .25GPD/FT^2				
			OFF-SITE	AREA					
1-A	LS, 5	0-22	FILL		>64" TO SOIL WETNESS	64	N/A	NONE	PS, IV
		22-31	SBK/C	FI/SEXP/S/P					.3GPD/FT
		31-64	SBK/CL	FR/SEXP/SS/SP					
2-A	"	0-18	FILL		>63" TO SOIL WETNESS	63	"	"	"
		18-36	SBK/C	FI/SEXP/S/P					
		36-63	SBK/CL	FR/SEXP/SS/SP					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	PS	PS
Site LTAR	0.25	0.125

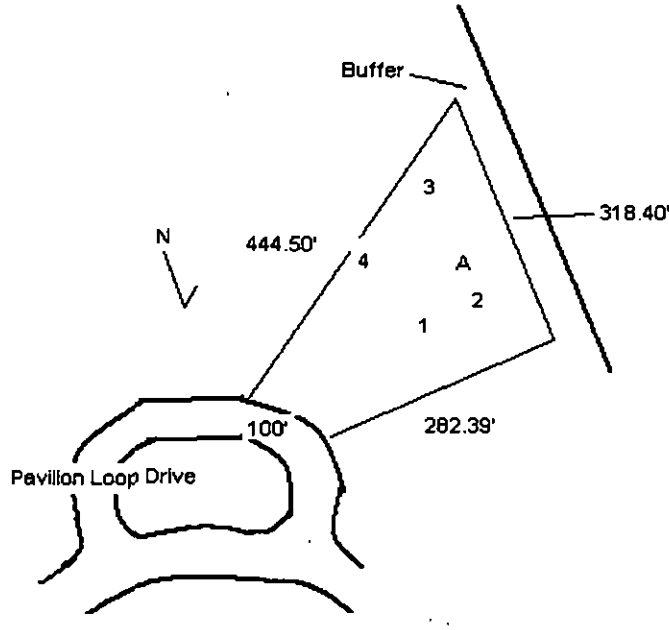
Other Factors (.1946):
Soil Evaluation By: W. R. Martin, LSS, 9/27/2007,
Others Present:
Site Classification (.1948): PS
Site Evaluation By: PHILO WALKER 10/5/2007
Others Present:

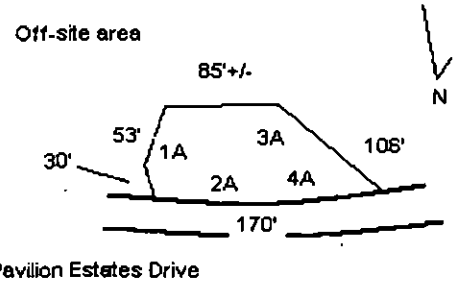
COMMENTS:
100% repair

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





2. Site Plan

3. MCHD Soil Evaluation

On-site Wastewater Section

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Property ID: 019-243-09
Lot #: 16
File #: 7180B
App/ID: 2411

Owner: The Pavilion of Huntersville
Address: 1910 S. Blvd., Charlotte, N. C. 28203
Proposed Facility: Residence Design Flow (.1949): 600gpd
Location of Site: Pavilion Loop Drive
Water Supply: [x] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

Applicant: P. Penninger, S & ME
Date Evaluated: 9/25/07
Property Size: 1.88a
Property Recorded:

Soil Profile									
Profile Position	Slope %	Depth (in)	Soil Texture	Structure	Limiting Factor	Depth (in)	Landscape Position	Percs (mpi)	Site LTAR
1	LS, 5	0-4	GR/CL	FR/SEXP/SS/SP	>35" TO SOIL WETNESS	35	N/A	NONE	US, IV .25GPD/FT²
		4-35	SBK/ABK/C	FI/SEXP/S/P					
2	"	0-6	GR/CL	FR/SEXP/SS/SP	>42" TO SOIL WETNESS	42	"	"	PS, IV .25GPD/FT²
		6-42	SBK/ABK/C	FI/SEXP/S/P					
3	"	0-6	GR/CL	FR/SEXP/SS/SP	>33" TO SOIL WETNESS	33	"	"	US, IV .225GPD/FT²
		6-33	SBK/SC	FI/SEXP/S/P					
4	LS, 8	0-5	GR/SCL	FR/SEXP/SS/SP	>22" TO SOIL WETNESS	22	"	"	US, IV .2GPD/FT²
		5-22	SBK/SC	FI/SEXP/S/P					
5	"	0-6	GR/SCL	FR/SEXP/SS/SP	>32" TO SOIL WETNESS	32	"	"	US, IV .25GPD/FT²
		6-24	SBK/C	FI/SEXP/S/P					
		24-32	SBK/SCL	FR/SEXP/SS/SP					
6	"	0-7	GR/SCL	"	>35" TO SOIL WETNESS	35	"	"	"
		7-35	SBK/SC	FI/SEXP/S/P					
					SITE LTAR .25GPD/FT²				

Description	Initial System	Repair System
vailable Space (.1945)		
ystem Type(s)		
ze LTAR		

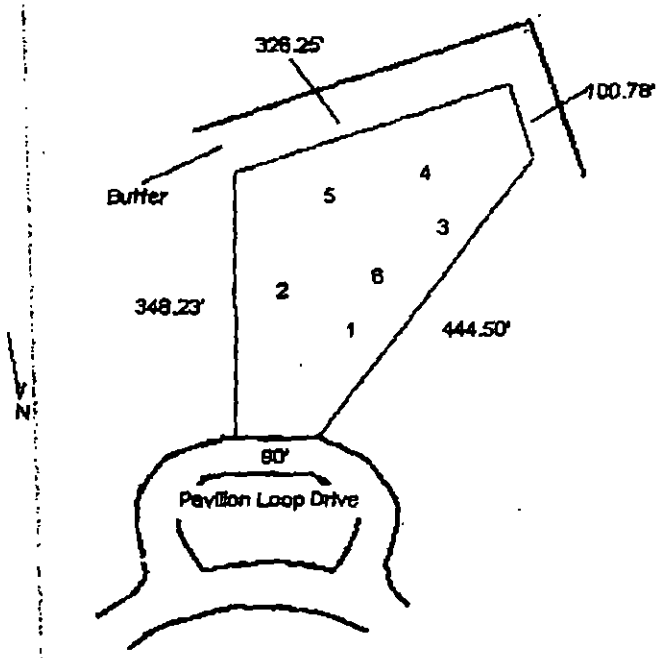
Other Factors (.1946):
Soil Evaluation By: W. R. Martin, LSS, 9/27/2007 W. R. Martin
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

Landscape Position	Group	Texture	.1995 LTAR
R-Ridge	I	S-Sand	1.2 - 0.8
SS-Shoulder Slope		LS-Loamy Sand	
LS-Linear Slope			
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6
NS-Nose Slope		L-Loam	
HS-Head Slope			
CC-Concave Slope	III	SI-Silt	0.6 - 0.3
CV-Convex Slope		SICL-Silty Clay Loam	
T-Terrace		CL-Clay Loam	
FP-Flood Plain		SCL-Sandy Clay Loam	
	IV	SC-Sandy Clay	0.4 - 0.1
		SIC-Silty Clay	
		C-Clay	

Structure
SG-Single Grain
M-Massive
CR-Crumb
GR-Granular
SBK-Subangular Blocky
ABK-Angular Blocky
PL-Platy
PR-Prismatic

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



4, Original system layout and soil sheets for lot 15-16 combination.

Environment, Health, and Natural Resources
Environmental Health
Wastewater Section

Sheet: 1 of 2
Property ID: PO 019-242-32
Lot #: 15 &16
File #: 6895B
AppID: 1772

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: The Pavilion of Huntersville
Applicant: Jacob Presley, S & ME
Address: 1910 S. Blvd., Ste 200, Charlotte, N. C. 28203
Date Evaluated: 1/24/07
Proposed Facility: Residence
Design Flow (.1949): 600gpd
Property Size: 3.6a
Location of Site: Pavilion Loop Drive
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 .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
1	LS, 10	0-4	GR/SCL	FR/SEXP/SS/SP	>27" TO SOIL WETNESS	27	N/A	NONE	US, IV .12GPD/FT^2
		4-22	SBK/C	FI/SEXP/S/P					
		22-27	SBK/SCL	FR/SEXP/SS/SP					
2	"	0-6	GR/SCL	"	>28" TO SOIL WETNESS	28	"	"	US, IV .1GPD/FT^2
		6-28	SBK/C	FI/SEXP/S/P					
3	"	0-6	GR/SCL	FR/SEXP/SS/SP	>33" TO SOIL WETNESS	33	"	"	US, IV .225GPD/FT^2
		6-33	SBK/SC	FI/SEXP/S/P					
4	LS, 8	0-5	GR/SCL	FR/SEXP/SS/SP	>22" TO SOIL WETNESS	22	"	"	US, IV .1GPD/FT^2
		6-24	SBK/SC	FI/SEXP/S/P					
		24-32	SBK/SCL	FR/SEXP/SS/SP					
5	"	0-6	GR/SCL	"	>32" TO SOIL WETNESS	32	"	"	US, IV .25GPD/FT^2
		6-24	SBK/SC	FI/SEXP/S/P					
		24-32	SBK/SCL	FR/SEXP/SS/SP					
6	"	0-7	GR/SCL	"	>35" TO SOIL WETNESS	35	"	"	"
		7-35	SBK/SC	FI/SEXP/S/P					
7	"	0-6	GR/SCL	FR/SEXP/SS/SP	>40" TO SOIL WETNESS	40	"	"	PS, IV .25GPD/FT^2
		6-40	SBK/SC	FI/SEXP/S/P					
					SITE LTAR .25GPD/FT^2				

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

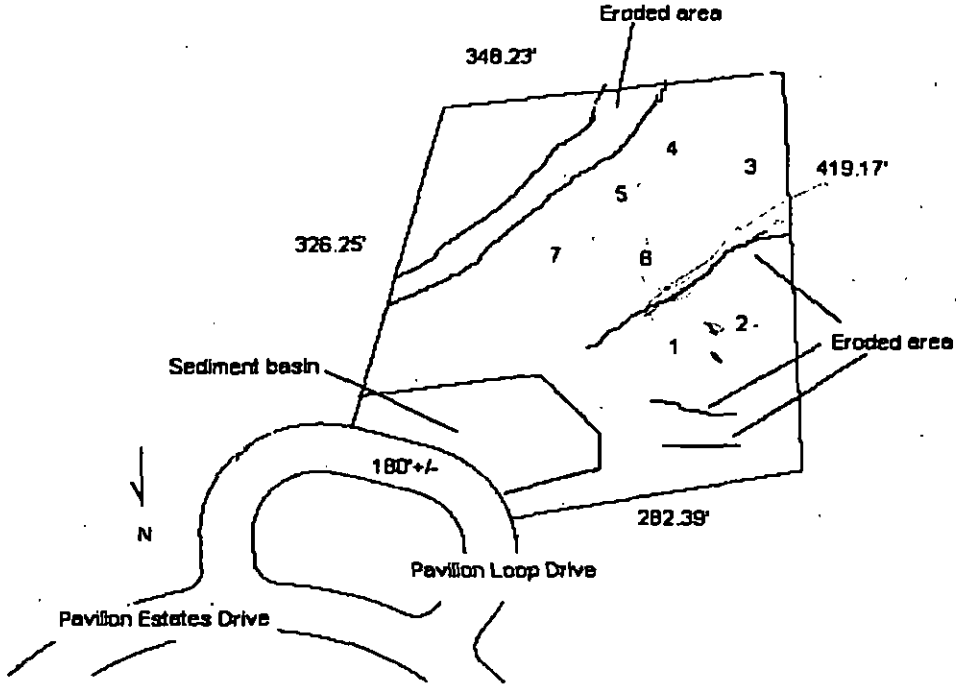
Other Factors (.1946):
Soil Evaluation By: W. R. Martin, LSS, 1/25/2007
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

COMMENTS:
100% repair required

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



7180B

Supervisor/Administrative Professional Checklist

New Septic ☑ **New Well** ☐ **Use Existing** ☐ **Alteration** ☐ **Modified Plot Plan** ☐

New Septic Fees Paid:

IP ($250.00) RB _____ Initials/Date

CA ($200.00) MAB 8/7/14 Initials/Date

OP ($200.00) MAB 8/7/14 Initials/Date

(CA and OP fees need to be paid before a building permit can be issued)

New Well Fee Paid: $550.00 _____ Initials/Date

Use Existing Fee Paid: $100.00 _____ Initials/Date

Alteration Fee Paid: $300.00 (Total) $200 (If use existing was paid)_____ Initials/Date

Modified Plot Plan Fee Paid: $100.00 _____ Initials/Date

Floor plans need to be submitted and reviewed before CA can be issued. ☑ Reviewed ☑ JAM 8/7/14

This site is served by septic and well. Verify each is complete before final hold is released. ☑

Septic file completed. ☐ _____ Well file completed. ☐ _____

Send permit for signature. ☑ Signature received. ☑ _____

This septic system requires a certified operator contract before final hold is released. ☐

Certified operator contract is on file. ☐ _____

Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

GWS File #: 2180B WASPS App #: 2411

Primary ES assigned to project: _____

Secondary ES assigned to project: _____

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

I. File Review:

Rule or Law	Permit Application			
.1937(d)	Is the Application complete	Yes ☑	No ☐	N/A ☐
.1937(d)	Is there a Site plan/Plat with application	Yes ☑	No ☐	N/A ☐
.1937(d)	Is the Facility shown?	Yes ☑	No ☐	N/A ☐
.1937(d)	Are appurtenances shown	Yes ☑	No ☐	N/A ☐
	Site Evaluation Information			
.1939 (a)(1)	Topography and Landscape Position Recorded?	Yes ☑	No ☐	N/A ☐
.1940 (a-g)	Slope % Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Texture Class Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Structure type Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Consistence Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Mineralogy Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(3)	Soil Wetness Condition Recorded?	Yes ☐	No ☐	N/A ☑
.1939 (a)(4)	Soil Depth to Rock or Parent Material Recorded When Encountered	Yes ☐	No ☐	N/A ☑
.1939 (a)(5)	Depth to Restrictive Horizons Recorded When Encountered?	Yes ☐	No ☐	N/A ☑
.1939 (a)(6)	Sufficient Available Space Recorded?	Yes ☑	No ☐	N/A ☐
.1937(m)	Are the Profile Locations Shown?			
.1939(a)	Are the S/PS Profiles in system & in repair area?	Yes ☑	No ☐	N/A ☐
& .1945(b)	Number of auger borings made: 7			
	Were sufficient auger borings made?	Yes ☑	No ☐	N/A ☐
.1939(d), .1955, .1956, .1957	LTAR .25	Yes ☑	No ☐	N/A ☐
	Improvement Permit/Construction Authorization			
.1937(g) 130A-336(a)	Proposed System Type stated-Initial	Yes ☑	No ☐	N/A ☐
.1945(b) 130A-336 (a)(3)	Proposed System Type stated-Repair System location identifiable by setbacks - Initial	Yes ☑	No ☐	N/A ☐
.1937(g) .1945(b)	System components shown – Initial	Yes ☑	No ☐	N/A ☐
.1945(b)	Repair area shown	Yes ☑	No ☐	N/A ☐
.1937 (f)(g)	Does System design match facility, flow & WWcharacteristics?	Yes ☑	No ☐	N/A ☐
.1937 (f)(g)	Is System design consistent with soil/site conditions?	Yes ☑	No ☐	N/A ☐
.1937 (f)(g)	Is the System located in the approved area?	Yes ☑	No ☐	N/A ☐
130A-336(a)	Is the Design flow (gpd) indicated?	Yes ☑	No ☐	N/A ☐

130A-336(a)	Number of Bedrooms, employees, seats, etc. indicated?	Yes ☐	No ☐	N/A ☐
.1937(g)	Trench depth indicated?	Yes ☑	No ☐	N/A ☐
.1937(g)	Trench width indicated?	Yes ☑	No ☐	N/A ☐
.1937(g)	Trench length indicated?	Yes ☑	No ☐	N/A ☐
130A-336(a)(1)	Proposed/existing well shown?	Yes ☑	No ☐	N/A ☐
130A-336(a)(1)	Property line lengths shown?	Yes ☑	No ☐	N/A ☐
130A-336(a)	Facility/appurtenance setbacks shown from fixed points?	Yes ☑	No ☐	N/A ☐

Operation Permit

.1937(i)	System type as described in table V(a) of rule .1961	Yes ☐	No ☐	N/A ☐
.1937(i)	Conditions for system performance, operation, maintenance, monitoring and reporting.	Yes ☐	No ☐	N/A ☐

II. WASPS Review:

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

Items requiring correction/modification: _____

Comments:

~~NO EASEMENT CONDITIONS ON IP~~

NO CHECK OFF FOR FIELD VISIT ON PLAN

NRD 36" SOIL

IA issued date: 11/20/14

OP issued date: 1/27/15

Review performed by: _____ Date performed: 10-2507

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 08/07/14
Receipt #: 90404
Check / Auth #: CHARGE
Received By: BEACHMS

Amount: 200.00
Tendered: 200.00
Returned: 0.00

Account Information

Account #: X42064
Contractor: R.MORGAN HOMES LLC
Attn:
Address: PO BOX 375
Address:
City/State/Zip: HUNTERSVILLE, NC 28070

Item	Description	Permit#	Quantity	Unit Price	Total Price
0734	Septic Construction Authorization 15120 PAVILION LOOP DRIVE		1	200.00	200.00

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

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
400.00	100.00				

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	08/07/14	**Amount:**	200.00
Receipt #:	90402	**Tendered:**	200.00
Check / Auth #:	CHARGE	**Returned:**	0.00
Received By:	BEACHMS		

Account Information

Account #: X42064
Contractor: R.MORGAN HOMES LLC
Attn:
Address: PO BOX 375
Address:
City/State/Zip: HUNTERSVILLE, NC 28070

Item	Description	Permit#	Quantity	Unit Price	Total Price
0703	Septic Operational Permit ~~5120~~ PAVILION LOOP DRIVE 15110 mab		1	200.00	200.00

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

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
200.00	100.00				

I _____ REVIEW OFFICER OF MECKLENBURG COUNTY, CERTIFY THAT THE MAP OR PLAT TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.

REVIEW OFFICER _____ DATE _____

I _____ REVIEW OFFICER OF MECKLENBURG COUNTY, CERTIFY THAT THE MAP OR PLAT TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.

REVIEW OFFICER _____ DATE _____

APPROVED IN ACCORDANCE WITH THE PROVISIONS AS SET FORTH IN THE SUBDIVISION ORDINANCE OF THE TOWN OF HUNTERSVILLE, NORTH CAROLINA.

TOWN PLANNER _____ DATE _____

APPROVED IN ACCORDANCE WITH THE ENGINEERING REQUIREMENTS OF THE SUBDIVISION ORDINANCE OF MECKLENBURG COUNTY, NORTH CAROLINA.

MECK CO. ENGINEERING STAFF _____ DATE _____

LEGEND:

- BOUNDARY LINE
- SANITARY SEWER LINE
- NATURAL GAS LINE
- UNDERGROUND POWER
- OVERHEAD UTILITIES
- UNDERGROUND TELEPHONE
- WATER LINE
- FENCE (TYPE NOTED)

CP = COMPUTED POINT (UNMARKED)
R/W = RIGHT-OF-WAY
E/P = EDGE OF PAVEMENT
C/L = CENTERLINE
℄ = UTILITY POLE

THE PURPOSE OF THE BMP IS TO TREAT/REDUCE THE POLLUTANTS ASSOCIATED WITH STORM WATER RUNOFF IN ORDER TO MINIMIZE NEGATIVE EFFECTS TO DOWNSTREAM RECEIVING WATERS. THE EASEMENT AROUND THE BMP IS TO ALLOW STORM WATER CONVEYANCE AND SYSTEM MAINTENANCE. THE REMOVAL OF PLANTS OR DISTURBANCE OF THE BMP STRUCTURE OR OTHERWISE AFFECTING THE OVERALL FUNTIONALITY OF THE BMP FOR REASONS OTHER THAN MAINTENANCE IS STRICTLY PROHIBITED.

THE PURPOSE OF THIS PLAT IS FOR THE RECORDING OF THE RAIN GARDEN AND TREE SAVE AREAS ONLY, AND DOES NOT REPLACE ANY NOTES OR REQUIREMENTS AS SET FORTH ON PLAT AS RECORDED IN MB 49 PAGE 311 SEE AFOREMENTIONED RECORDED PLAT FOR NOTES AND REQUIREMENTS. ALSO, TO INDICATE THE ENFORCABLE RESTRICTIONS ON PROPERTY USAGE THAT RUN WITH THE LAND TO ENSURE THAT FUTURE DEVELOPMENT AND REDEVELOPMENT MAINTAINS THE THE SITE IN COMPLIANCE WITH ORDINANCE REQUIREMENTS. THOSE RESTRICTIONS THAT SHOW UP ON THE RECORDED FINAL PLAT SHALL BE PICKED UP BY THE SURVEYOR AND SHOWN ON THE LOT SURVEY GIVEN TO THE PURCHASER AT THE TIME OF CLOSING. IN THIS WAY, THE PROPERTY OWNER SHALL BE MADE AWARE OF THE RESTRICTIONS AND SHALL MAINTAIN THE SITE IN COMPLIANCE WITH ORDINANCE REQUIREMENTS.

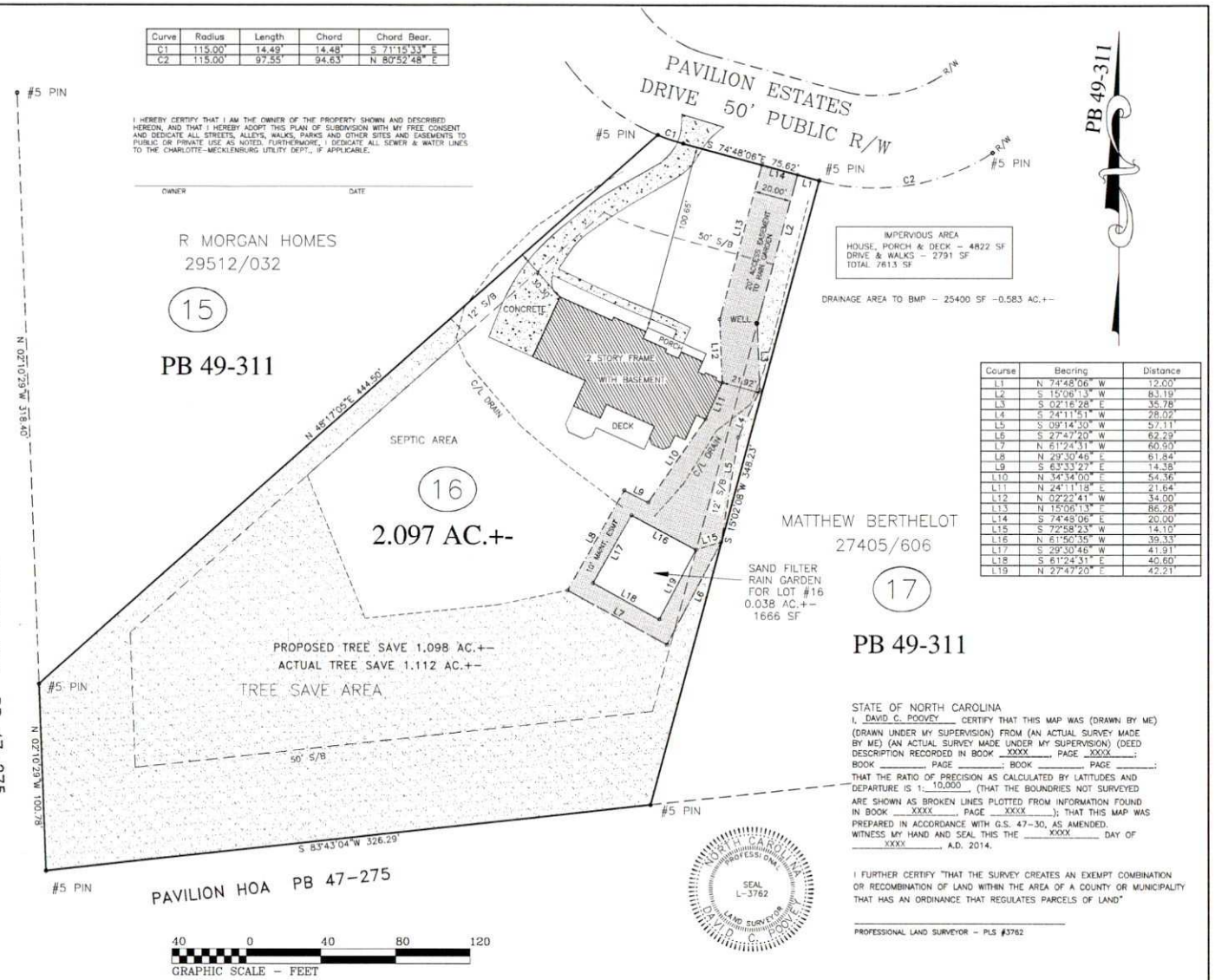
NOTES:

- PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS OF WAYS OR EASEMENTS NOT OBSERVED
- OWNER TO VERIFY ALL SETBACKS AND ZONING REGULATIONS PRIOR TO ANY PLANNING OR CONSTRUCTION.
- DIMENSIONS OF ALL IMPROVEMENTS SHOWN ON THIS PLAT SHOULD NOT BE SCALED OR RELIED UPON FOR DESIGN OR CONSTRUCTION WITHOUT A FIELD VERIFICATION OF ALL DIMENSIONS.
- DIGITAL COPIES OF THIS FILE ARE FOR REFERENCE ONLY AND MAY NOT BE USED FOR DESIGN WORK.
- UNDERGROUND UTILITIES ARE NOT SHOWN HEREON.
- NO USGS MONUMENT FOUND WITHIN 2000' OF SUBJECT PROPERTY.
- THIS PROPERTY IS NOT LOCATED IN A 100 YEAR FLOOD PLAIN.
- COMPLIANCE WITH THE POST CONSTRUCTION STORM WATER ORDINANCE IS REQUIRED.
- CURRENT ZONING IS RURAL – R
- THIS PROPERTY CONTAINS WATER QUALITY FEATURES THAT MUST BE MAINTAINED ACCORDING TO THE OPERATIONS AND MAINTENANCE AGREEMENT AND PLAN RECORDED DB 29165 PG 361.

Curve	Radius	Length	Chord	Chord Bear.
C1	115.00'	14.49'	14.48'	S 71°15'33" E
C2	115.00'	97.55'	94.63'	N 80°52'48" E

I HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, AND THAT I HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY FREE CONSENT AND DEDICATE ALL STREETS, ALLEYS, WALKS, PARKS AND OTHER SITES AND EASEMENTS TO PUBLIC OR PRIVATE USE AS NOTED. FURTHERMORE, I DEDICATE ALL SEWER & WATER LINES TO THE CHARLOTTE-MECKLENBURG UTILITY DEPT., IF APPLICABLE.

OWNER _____ DATE _____



IMPERVIOUS AREA
HOUSE, PORCH & DECK = 4822 SF
DRIVE & WALKS = 2791 SF
TOTAL 7613 SF

DRAINAGE AREA TO BMP = 25400 SF =0.583 AC.+-

Course	Bearing	Distance
L1	N 74°48'06" W	12.00'
L2	S 15°06'13" W	83.19'
L3	S 02°18'28" E	35.78'
L4	S 24°11'51" W	28.02'
L5	S 09°14'30" W	57.11'
L6	S 27°47'29" W	62.29'
L7	N 61°24'31" W	60.90'
L8	N 29°30'46" E	61.84'
L9	S 63°53'27" E	14.38'
L10	N 34°14'00" E	54.36'
L11	N 24°11'18" E	21.64'
L12	N 02°22'41" W	34.00'
L13	N 15°06'13" E	86.28'
L14	S 74°48'06" E	20.00'
L15	S 72°58'23" W	14.10'
L16	N 61°50'35" W	39.33'
L17	S 29°30'46" W	41.91'
L18	S 61°24'31" E	40.60'
L19	N 27°47'29" E	42.21'

PB 49-311

40 0 40 80 120
GRAPHIC SCALE – FEET

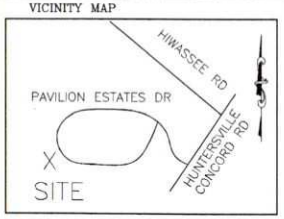
STATE OF NORTH CAROLINA
I, DAVID C. POOVEY CERTIFY THAT THIS MAP WAS (DRAWN BY ME) (DRAWN UNDER MY SUPERVISION) FROM (AN ACTUAL SURVEY MADE BY ME) (AN ACTUAL SURVEY MADE UNDER MY SUPERVISION) (DEED DESCRIPTION RECORDED IN BOOK XXXX PAGE XXXX; BOOK _____ PAGE _____; BOOK _____ PAGE _____; THAT THE RATIO OF PRECISION AS CALCULATED BY LATITUDES AND DEPARTURE IS 1: 10,000 (THAT THE BOUNDRIES NOT SURVEYED ARE SHOWN AS BROKEN LINES PLOTTED FROM INFORMATION FOUND IN BOOK XXXX PAGE XXXX); THAT THIS MAP WAS PREPARED IN ACCORDANCE WITH G.S. 47-30, AS AMENDED. WITNESS MY HAND AND SEAL THIS THE XXXX DAY OF XXXX A.D. 2014.

I FURTHER CERTIFY "THAT THE SURVEY CREATES AN EXEMPT COMBINATION OR RECOMBINATION OF LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND"

PROFESSIONAL LAND SURVEYOR – PLS #3762

NORTH CAROLINA PROFESSIONAL SEAL L-3762 LAND SURVEYOR DAVID C. POOVEY

VICINITY MAP



DEDMON SURVEYS

DEDMON SURVEYS

CHUCK POOVEY, PLS #3762
ROBERT DEDMON, PLS #3899

3704 NC HIGHWAY #16 BUSINESS NORTH
P.O. BOX 494 – DENVER, NC 28037
PHONE: 704/483/4908
FAX: 704/483/2170

DATE 4-29-15
SCALE: 1" = 40'

DB: 29512 PG: 032
DB: PG:
PB: 49 PG: 311

HUNTERSVILLE TOWNSHIP
MECKLENBURG COUNTY, NC

SURV. BY: HL | DRAWN: CP | JOB# PAV15 16FND

REVISED RECORD PLAT
FOR LOT #16 OF THE PAVILION PB 49-311
PROPERTY OF

R MORGAN HOMES, LLC

LOT #16 OF THE PAVILION
@ 15120 PAVILION LOOP, HUNTERSVILLE, NC

Pavilion Lot 16
15120 Pavilion Loop Dr.
Parcel No 01924309
2.097 ac = 91345 sq.ft.

total disturbed < 1 acre

BMP Impervious Table			
Existing Impervious	Proposed Impervious	Lot Area	Proposed Impervious %
0 sq ft	8000 sq ft (note)	91345 sq ft	8.8%

Proposed tree save changes as follows and as shown from the tree save shown on revised drawing of Subdivision Plat of the Pavilion, prepared by CESI Engineers - Surveyors - Planners rev 10/12/2007.

Tree Save
Total Lost = 840 sq ft (320 + 520)
Total Added: = 995 sq ft (825 + 170)
Net Gain: 155 sq ft

