

15128 PAVILION LOOP DR

01924308

1/11/2008

duponbj

Groundwater and Wastewater Services File Imaging Project

May 2007

Barcode Font = IDAutomationHC39M

Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

GWS File #: 7002 B WASPS App #: 2135

Primary ES assigned to project: DJ

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 ☑	OFFSITE EASEMENT
.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: 3 2S				
	Were sufficient auger borings made?	Yes ☑	No ☐	N/A ☐	
.1939(d), .1955, .1956, .1957	LTAR 3	Yes ☑	No ☐	N/A ☐	
	Improvement Permit/Construction Authorization				
.1937(g) 130A-336(a)	Proposed System Type stated-Initial	Yes ☑	No ☐	N/A ☐	
.1945(b)	Proposed System Type stated-Repair	Yes ☑	No ☐	N/A ☐	
130A-336 (a)(3)	System location identifiable by setbacks - Initial	Yes ☑	No ☐	N/A ☐	
.1937(g) .1945(b)	System components shown – Initial	Yes ☑	No ☐	N/A ☐	
.1945(b)	Repair area shown	Yes ☑	No ☐	N/A ☐	
.1937 (f)(g)	Does System design match facility, flow & WWcharacteristics?	Yes ☑	No ☐	N/A ☐	
.1937 (f)(g)	Is System design consistent with soil/site conditions?	Yes ☑	No ☐	N/A ☐	
.1937 (f)(g)	Is the System located in the approved area?	Yes ☑	No ☐	N/A ☐	
130A-336(a)	Is the Design flow (gpd) indicated?	Yes ☑	No ☐	N/A ☐	

130A-336(a)	Number of Bedrooms, employees, seats, etc. indicated?	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:

_____

_____

_____

_____

_____

IA issued date: _____

OP issued date: _____

Review performed by: _____ Date performed: _____

JM

S&ME

GWS Septic System Design Review

GWS File #: 70028 Approved Disapproved

Design Review: TCT 4-9-07 ☒ ☐

Field Review: 4/5/07 ☒ ☐

*Projects are not considered "APPROVED" until both sections above are completed and indicate an APPROVED status.

March 28, 2007

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

Reference: **Request for a Septic Improvement Permit for Lot 17 at The Pavilion**
Mecklenburg County Health Department (MCHD) File # 70028

Dear Mr. Jasinski,

15128 PAVILION LOOP DR.
~~019-248-03~~ 019-243-08

Attached is the request for the Improvement Permit for the above referenced lot. We are requesting an Improvement Permit for a 5 bedroom house. We are proposing a pressure manifold 25% Reduction system and a LPPPBPS repair. Mr. Bill Marlin, LSS with the MCHD has evaluated the soils (see attached MCHD soil sheets) and approved the proposed septic area at a 0.325 gpd/sqft LTAR. S&ME, Inc. has flagged the primary system and repair on the proposed septic area. The end of each septic line has been located by the surveyor and was sketched on the attached maps by S&ME. 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.

This lot will utilize an off-site septic area for the septic system drainfield. Simonini will install the pipe from the lot to the septic area easement in the recorded septic supply line easement. The pipe will be 2 ½ inch SCH 40 PVC unless otherwise specified by both the MCHD and the Town of Huntersville in writing. Both the MCHD and Huntersville should sign off on the proposed pipe specifications and routing prior to installation. Both should also be advised of the installation schedule so they can inspect the installation as necessary.

A building permit cannot be issued until the MCHD issues an Authorization to Construct (ATC). The buyer will apply for the ATC. **No grading shall take place on the septic area prior to obtaining the ATC from the MCHD.**

The proposed 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

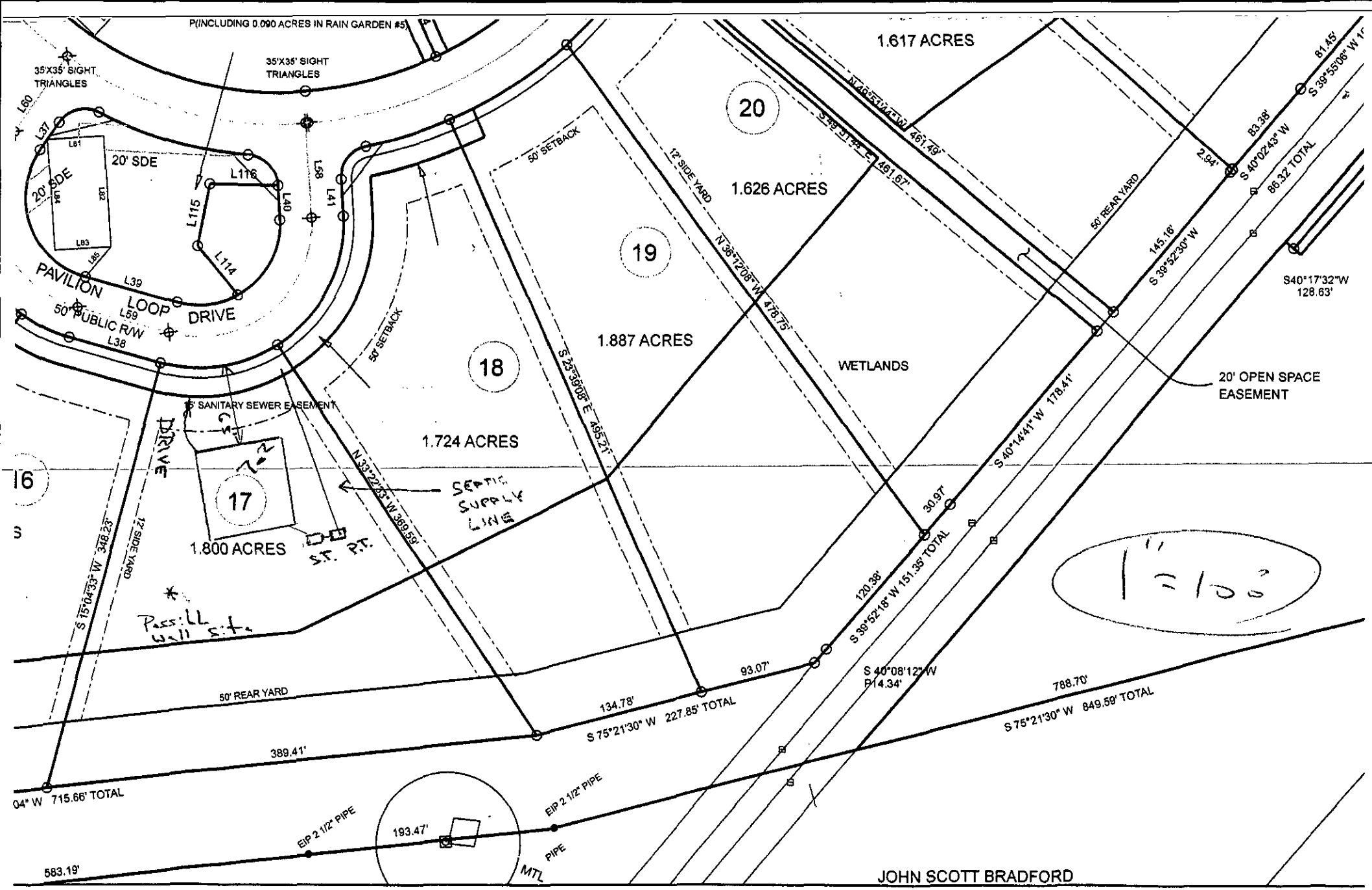
Attachments:
1. System Specifications
2. Site Plan
3. MCHD Soil Evaluation
4. Supply Line Easement

Copy: Mr. Jeremy Michelone, R.S.
MCHD

Design Specifications for Lot 17 at The Pavilion ✓ TCT
MCHD File # 7002B

Daily Design Flow:	600 gpd
Number Bedrooms:	5 bedroom
Basement or Crawl Space:	Basement
Septic Tank Size:	1500 gal
Pump Tank Size:	1500 gal
Primary System Loading Rate:	**0.325 gpd/ft^2**
Primary System:	**25% reduction**
Number and length of laterals:	3 @ 100 ft., 1 @ 93 ft., and 1 @ 75 ft.
Total ft. of primary system:	468 ft.
Flow Rate through system:	* 33.9 gpm – use ½ in. SCH 80 tap for 75 ft. line and ½ in SCH 40 taps for 93 ft. and 100 ft. lines with 2 ft. head pressure on pressure manifold (5.5 gpm per tap for SCH 80 Tap and 7.1 gpm per tap for SCH 40 Taps) VARYING TAP SIZES.
Pump Requirements:	to be calculated by installer when specific house and pump tank locations are available
Dosing Volume:	approx. 270 gal. – 2.2 doses/day at design flow
Depth of effluent pumped per dose:	calculated to specific tank by measure or dealer engineering specifications (1 cubic ft. of water equals 7.48 gal.)
Check Valve:	yes
Siphon break hole:	no
Repair System Loading Rate:	**0.325 gpd/ft^2**
Repair System:	**LP PPBPS**
Total ft. of repair	310 ft. (308 required)

Notes: This lot utilizes an off-site septic area for the drainfield.


P(INCLUDING 0.090 ACRES IN RAIN GARDEN #5)
35'X35' SIGHT TRIANGLES
35'X35' SIGHT TRIANGLES
1.617 ACRES
20
1.626 ACRES
19
1.887 ACRES
18
1.724 ACRES
17
1.800 ACRES
16
20' SDE
20' SDE
50' SETBACK
50' SETBACK
12' SIDE YARD
50' REAR YARD
50' REAR YARD
PAVILION LOOP DRIVE
50' PUBLIC R/W
15' SANITARY SEWER EASEMENT
DRIVE
12' SIDE YARD
WETLANDS
20' OPEN SPACE EASEMENT
SEPTIC SUPPLY LINE
S.T.
P.T.
N 36°55'24" W 461.49'
S 39°51'39" E 491.67'
N 36°12'08" W 478.75'
S 23°39'08" E 495.21'
N 33°22'33" W 369.59'
S 15°04'33" W 348.23'
S 40°14'41" W 178.41'
S 39°52'16" W 151.35' TOTAL
S 40°08'12" W 914.34'
S 75°21'30" W 849.59' TOTAL
S 75°21'30" W 227.85' TOTAL
S 39°55'06" W 81.45'
S 40°02'43" W 83.38'
S 39°52'30" W 145.16'
S40°17'32"W 128.63'
86.32' TOTAL
2.94'
30.97'
120.38'
93.07'
134.78'
788.70'
389.41'
583.19'
193.47'
EIP 2 1/2" PIPE
EIP 2 1/2" PIPE
MTL PIPE
JOHN SCOTT BRADFORD
1" = 100'

9.012 ACRES
COMMON OPEN SPACE
(INCLUDING RAIN GARDEN AREAS)

RAIN GARDEN #2
0.027 ACRES

0.061 ACRES
(RAIN GARDEN #4)

50' SETBACK

13408

13332

167'

194'

1.512 ACRES

12' SIDE YARD

50' PUBLIC R/W

PAVILION ESTATES DRIVE

35'X35' SIGHT TRIANGLES

CONCRETE CONTROL MONUMENT

20' SDE

SDE

OWBORROW

SCRAPE LINE

Recessed Planter

L10 A= 216.08' R= 525.00' CB= N 79°23'46" E C= 214.56'

L47 N 67°36'18" E 88.78'

C20 S 67°36'18" W 88.78'

C18 A= 381.16' R= 525.00' CB= S 88°24'13" W C= 372.84'

N 03°36'27" E 46.06' TIE

S 81°22'10" E 77.50'

N 47°15'59" E 140.91' TOTAL

N 15°29'48" E 193.26' TOTAL

N 37°38'48" W 61.60'

S 42°47'42" E 167.04'

S 55°42'01" W 311.73' TOTAL

143.80'

89.41'

78.52'

S 32°16'15" W 96.20'

S 02°56'53" W 78.55'

N 82°07'01" E 119.92'

A= 296.75' R= 725.00' CB= S 52°18'18" W C= 294.69'

130.31' S 40°34'44" W

N 40°34'44" E 130.31' TOTAL

101.37' S 64°01'51" W

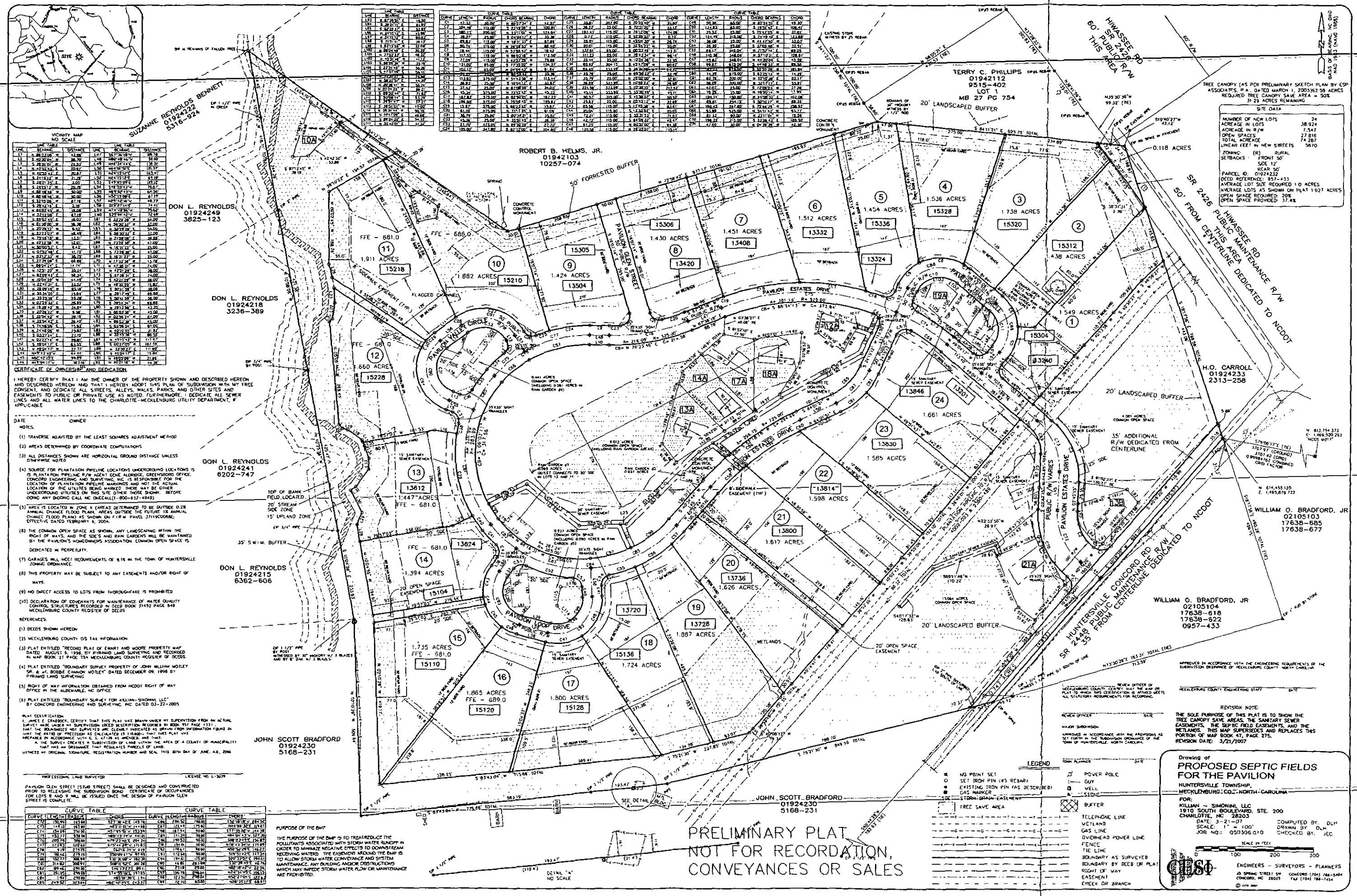
113.50' S 24°15'12" W

112.30' N 24°15'12" E

101.37' N 64°01'51" E

L86 L87 L88 L69 L68 L67 L66 L49 L50 L51

C57 C58 C59 C60 C61 C62 C63 C64 C65 C66 C67 C68 C69 C70 C71 C72 C73 C74 C75 C76 C16 C17 C18 C19 C20 C21 C22 C23



LINE TABLE		
LINE	BEARING	DISTANCE
L1	S 89°39'50" E	19.91'
L2	S 29°31'11" E	81.93'
L3	S 58°28'37" E	83.83'
L4	S 26°31'01" E	23.96'
L5	N 63°53'35" E	60.02'
L6	S 71°51'41" E	39.12'
L7	S 85°13'38" E	30.00'
L8	S 88°06'49" E	30.00'
L9	S 77°27'27" E	30.00'
L10	N 89°36'49" E	11.32'
L11	S 47°26'45" E	30.28'
L12	S 42°33'15" W	30.00'
L13	S 47°26'45" E	30.00'
L14	S 42°33'15" W	30.00'
L15	S 47°26'45" E	30.00'
L16	S 42°33'15" W	30.00'
L17	S 47°26'45" E	30.00'
L18	S 42°33'15" W	30.00'
L19	S 47°26'45" E	30.00'
L20	S 42°33'15" W	30.00'
L21	S 47°26'45" E	30.00'
L22	S 42°33'15" W	30.00'
L23	S 47°26'45" E	30.00'
L24	S 42°33'15" W	30.00'
L25	S 47°26'45" E	30.00'
L26	S 42°33'15" W	30.00'
L27	S 47°26'45" E	30.00'
L28	S 42°33'15" W	30.00'
L29	S 47°26'45" E	30.00'
L30	S 42°33'15" W	30.00'
L31	S 47°26'45" E	30.00'
L32	S 42°33'15" W	30.00'
L33	S 47°26'45" E	30.00'
L34	S 42°33'15" W	30.00'
L35	S 47°26'45" E	30.00'
L36	S 42°33'15" W	30.00'
L37	S 47°26'45" E	30.00'
L38	S 42°33'15" W	30.00'
L39	S 47°26'45" E	30.00'
L40	S 42°33'15" W	30.00'
L41	S 47°26'45" E	30.00'
L42	S 42°33'15" W	30.00'
L43	S 47°26'45" E	30.00'
L44	S 42°33'15" W	30.00'
L45	S 47°26'45" E	30.00'
L46	S 42°33'15" W	30.00'
L47	S 47°26'45" E	30.00'
L48	S 42°33'15" W	30.00'
L49	S 47°26'45" E	30.00'
L50	S 42°33'15" W	30.00'
L51	S 47°26'45" E	30.00'
L52	S 42°33'15" W	30.00'
L53	S 47°26'45" E	30.00'
L54	S 42°33'15" W	30.00'
L55	S 47°26'45" E	30.00'
L56	S 42°33'15" W	30.00'
L57	S 47°26'45" E	30.00'
L58	S 42°33'15" W	30.00'
L59	S 47°26'45" E	30.00'
L60	S 42°33'15" W	30.00'
L61	S 47°26'45" E	30.00'
L62	S 42°33'15" W	30.00'
L63	S 47°26'45" E	30.00'
L64	S 42°33'15" W	30.00'
L65	S 47°26'45" E	30.00'
L66	S 42°33'15" W	30.00'
L67	S 47°26'45" E	30.00'
L68	S 42°33'15" W	30.00'
L69	S 47°26'45" E	30.00'
L70	S 42°33'15" W	30.00'
L71	S 47°26'45" E	30.00'
L72	S 42°33'15" W	30.00'
L73	S 47°26'45" E	30.00'
L74	S 42°33'15" W	30.00'
L75	S 47°26'45" E	30.00'
L76	S 42°33'15" W	30.00'
L77	S 47°26'45" E	30.00'
L78	S 42°33'15" W	30.00'
L79	S 47°26'45" E	30.00'
L80	S 42°33'15" W	30.00'
L81	S 47°26'45" E	30.00'
L82	S 42°33'15" W	30.00'
L83	S 47°26'45" E	30.00'
L84	S 42°33'15" W	30.00'
L85	S 47°26'45" E	30.00'
L86	S 42°33'15" W	30.00'
L87	S 47°26'45" E	30.00'
L88	S 42°33'15" W	30.00'
L89	S 47°26'45" E	30.00'
L90	S 42°33'15" W	30.00'
L91	N 42°33'15" E	30.00'
L92	S 47°26'45" E	30.00'

CURVE TABLE					
CURVE	LENGTH	RADIUS	CHORD BEARING	CHORD
C1	47.33'	30.00'	N 83°23'51" E	42.56'
C2	104.48'	115.00'	S 23°19'29" W	100.81'
C3	180.15'	200.00'	N 23°51'58" W	174.64'
C4	39.77'	25.00'	S 63°59'17" E	35.78'
C5	89.83'	115.00'	N 18°31'55" E	87.48'
C6	90.15'	115.00'	S 18°28'34" W	87.80'
C7	18.44'	115.00'	N 31°35'54" W	18.42'
C8	111.32'	115.00'	N 77°39'27" W	107.12'
C9	77.09'	115.00'	S 49°27'19" W	75.66'
C10	121.00'	85.00'	S 7°30'02" W	109.23'
C11	39.27'	25.00'	S 45°26'45" E	35.36'
C12	39.27'	25.00'	N 44°33'15" E	35.36'
C13	39.27'	25.00'	N 45°26'45" W	35.36'
C14	39.27'	25.00'	S 44°33'15" W	35.36'
C15	39.27'	25.00'	S 45°26'45" E	35.36'
C16	39.27'	25.00'	N 44°33'15" E	35.36'
C17	39.27'	25.00'	N 45°26'45" W	35.36'
C18	39.27'	25.00'	S 44°33'15" W	35.36'
C19	39.27'	25.00'	S 45°26'45" E	35.36'
C20	39.27'	25.00'	N 44°33'15" E	35.36'
C21	39.27'	25.00'	N 45°26'45" W	35.36'
C22	39.27'	25.00'	S 44°33'15" W	35.36'
C23	39.27'	25.00'	S 45°26'45" E	35.36'
C24	39.27'	25.00'	N 44°33'15" E	35.36'
C25	39.27'	25.00'	N 45°26'45" W	35.36'
C26	39.27'	25.00'	S 44°33'15" W	35.36'
C27	39.27'	25.00'	S 45°26'45" E	35.36'
C28	39.27'	25.00'	N 44°33'15" E	35.36'
C29	39.27'	25.00'	N 45°26'45" W	35.36'
C30	39.27'	25.00'	S 44°33'15" W	35.36'
C31	39.27'	25.00'	S 45°26'45" E	35.36'
C32	39.27'	25.00'	N 44°33'15" E	35.36'
C33	39.27'	25.00'	N 45°26'45" W	35.36'
C34	39.27'	25.00'	S 44°33'15" W	35.36'
C35	39.27'	25.00'	S 45°26'45" E	35.36'
C36	39.27'	25.00'	N 44°33'15" E	35.36'
C37	39.27'	25.00'	N 45°26'45" W	35.36'
C38	39.27'	25.00'	S 44°33'15" W	35.36'
C39	39.27'	25.00'	S 45°26'45" E	35.36'
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C43	39.27'	25.00'	S 45°26'45" E	35.36'
C44	39.27'	25.00'	N 44°33'15" E	35.36'
C45	39.27'	25.00'	N 45°26'45" W	35.36'
C46	39.27'	25.00'	S 44°33'15" W	35.36'
C47	39.27'	25.00'	S 45°26'45" E	35.36'
C48	39.27'	25.00'	N 44°33'15" E	35.36'
C49	39.27'	25.00'	N 45°26'45" W	35.36'
C50	39.27'	25.00'	S 44°33'15" W	35.36'
C51	39.27'	25.00'	S 45°26'45" E	35.36'
C52	39.27'	25.00'	N 44°33'15" E	35.36'
C53	39.27'	25.00'	N 45°26'45" W	35.36'
C54	39.27'	25.00'	S 44°33'15" W	35.36'
C55	39.27'	25.00'	S 45°26'45" E	35.36'
C56	39.27'	25.00'	N 44°33'15" E	35.36'
C57	39.27'	25.00'	N 45°26'45" W	35.36'
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C63	39.27'	25.00'	S 45°26'45" E	35.36'
C64	39.27'	25.00'	N 44°33'15" E	35.36'
C65	39.27'	25.00'	N 45°26'45" W	35.36'
C66	39.27'	25.00'	S 44°33'15" W	35.36'
C67	39.27'	25.00'	S 45°26'45" E	35.36'
C68	39.27'	25.00'	N 44°33'15" E	35.36'
C69	39.27'	25.00'	N 45°26'45" W	35.36'
C70	39.27'	25.00'	S 44°33'15" W	35.36'
C71	39.27'	25.00'	S 45°26'45" E	35.36'
C72	39.27'	25.00'	N 44°33'15" E	35.36'
C73	39.27'	25.00'	N 45°26'45" W	35.36'
C74	39.27'	25.00'	S 44°33'15" W	35.36'
C75	39.27'	25.00'	S 45°26'45" E	35.36'
C76	39.27'	25.00'	N 44°33'15" E	35.36'
C77	39.27'	25.00'	N 45°26'45" W	35.36'
C78	39.27'	25.00'	S 44°33'15" W	35.36'
C79	39.27'	25.00'	S 45°26'45" E	35.36'
C80	39.27'	25.00'	N 44°33'15" E	35.36'
C81	39.27'	25.00'	N 45°26'45" W	35.36'
C82	39.27'	25.00'	S 44°33'15" W	35.36'
C83	39.27'	25.00'	S 45°26'45" E	35.36'
C84	39.27'	25.00'	N 44°33'15" E	35.36'
C85	39.27'	25.00'	N 45°26'45" W	35.36'
C86	39.27'	25.00'	S 44°33'15" W	35.36'
C87	39.27'	25.00'	S 45°26'45" E	35.36'
C88	39.27'	25.00'	N 44°33'15" E	35.36'
C89	39.27'	25.00'	N 45°26'45" W	35.36'
C90	39.27'	25.00'	S 44°33'15" W	35.36'
C91	39.27'	25.00'	S 45°26'45" E	35.36'
C92	39.27'	25.00'	N 44°33'15" E	35.36'
C93	39.27'	25.00'	N 45°26'45" W	35.36'
C94	39.27'	25.00'	S 44°33'15" W	35.36'
C95	39.27'	25.00'	S 45°26'45" E	35.36'
C96	39.27'	25.00'	N 44°33'15" E	35.36'
C97	39.27'	25.00'	N 45°26'45" W	35.36'
C98	39.27'	25.00'	S 44°33'15" W	35.36'
C99	39.27'	25.00'	S 45°26'45" E	35.36'
C100	39.27'	25.00'	N 44°33'15" E	35.36'
C101	39.27'	25.00'	N 45°26'45" W	35.36'
C102	39.27'	25.00'	S 44°33'15" W	35.36'
C103	39.27'	25.00'	S 45°26'45" E	35.36'
C104	39.27'	25.00'	N 44°33'15" E	35.36'
C105	39.27'	25.00'	N 45°26'45" W	35.36'
C106	39.27'	25.00'	S 44°33'15" W	35.36'
C107	39.27'	25.00'	S 45°26'45" E	35.36'
C108	39.27'	25.00'	N 44°33'15" E	35.36'
C109	39.27'	25.00'	N 45°26'45" W	35.36'
C110	39.27'	25.00'	S 44°33'15" W	35.36'
C111	39.27'	25.00'	S 45°26'45" E	35.36'
C112	39.27'	25.00'	N 44°33'15" E	35.36'
C113	39.27'	25.00'	N 45°26'45" W	35.36'
C114	39.27'	25.00'	S 44°33'15" W	35.36'
C115	39.27'	25.00'	S 45°26'45" E	35.36'
C116	39.27'	25.00'	N 44°33'15" E	35.36'
C117	39.27'	25.00'	N 45°26'45" W	35.36'
C118	39.27'	25.00'	S 44°33'15" W	35.36'
C119	39.27'	25.00'	S 45°26'45" E	35.36'
C120	39.27'	25.00'	N 44°33'15" E	35.36'
C121	39.27'	25.00'	N 45°26'45" W	35.36'
C122	39.27'	25.00'	S 44°33'15" W	35.36'
C123	39.27'	25.00'	S 45°26'45" E	35.36'
C124	39.27'	25.00'	N 44°33'15" E	35.36'
C125	39.27'	25.00'	N 45°26'45" W	35.36'
C126	39.27'	25.00'	S 44°33'15" W	35.36'
C127	39.27'	25.00'	S 45°26'45" E	35.36'
C128	39.27'	25.00'	N 44°33'15" E	35.36'
C129	39.27'	25.00'	N 45°26'45" W	35.36'
C130	39.27'	25.00'	S 44°33'15" W	35.36'
C131	39.27'	25.00'	S 45°26'45" E	35.36'
C132	39.27'	25.00'	N 44°33'15" E	35.36'
C133	39.27'	25.00'	N 45°26'45" W	35.36'
C134	39.27'	25.00'	S 44°33'15" W	35.36'
C135	39.27'	25.00'	S 45°26'45" E	35.36'
C136	39.27'	25.00'	N 44°33'15" E	35.36'
C137	39.27'	25.00'	N 45°26'45" W	35.36'
C138	39.27'	25.00'	S 44°33'15" W	35.36'
C139	39.27'	25.00'	S 45°26'45" E	35.36'
C140	39.27'	25.00'	N 44°33'15" E	35.36'
C141	39.27'	25.00'	N 45°26'45" W	35.36'
C142	39.27'	25.00'	S 44°33'15" W	35.36'
C143	39.27'	25.00'	S 45°26'45" E	35.36'
C144	39.27'	25.00'	N 44°33'15" E	35.36'
C145	39.27'	25.00'	N 45°26'45" W	35.36'
C146	39.27'	25.00'	S 44°33'15" W	35.36'
C147	39.27'	25.00'	S 45°26'45" E	35.36'
C148	39.27'	25.00'	N 44°33'15" E	35.36'
C149	39.27'	25.00'	N 45°26'45" W	35.36'
C150	39.27'	25.00'	S 44°33'15" W	35.36'
C151	39.27'	25.00'	S 45°26'45" E	35.36'
C152	39.27'	25.00'	N 44°33'15" E	35.36'
C153	39.27'	25.00'	N 45°26'45" W	35.36'
C154	39.27'	25.00'	S 44°33'15" W	35.36'
C155	39.27'	25.00'	S 45°26'45" E	35.36'
C156	39.27'	25.00'	N 44°33'15" E	35.36'
C157	39.27'	25.00'	N 45°26'45" W	35.36'
C158	39.27'	25.00'	S 44°33'15" W	35.36'
C159	39.27'	25.00'	S 45°26'45" E	35.36'
C160	39.27'	25.00'	N 44°33'15" E	35.36'
C161	39.27'	25.00'	N 45°26'45" W	35.36'
C162	39.27'	25.00'	S 44°33'15" W	35.36'
C163	39.27'	25.00'	S 45°26'45" E	35.36'
C164	39.27'	25.00'	N 44°33'15" E	35.36'
C165	39.27'	25.00'	N 45°26'45" W	35.36'
C166	39.27'	25.00'	S 44°33'15" W	35.36'
C167	39.27'	25.00'	S 45°26'45" E	35.36'
C168	39.27'	25.00'	N 44°33'15" E	35.36'
C169	39.27'	25.00'	N 45°26'45" W	35.36'
C170	39.27'	25.00'	S 44°33'15" W	35.36'
C171	39.27'	25.00'	S 45°26'45" E	35.36'
C172	39.27'	25.00'	N 44°33'15" E	35.36'
C173	39.27'	25.00'	N 45°26'45" W	35.36'
C174	39.27'	25.00'	S 44°33'15" W	35.36'
C175	39.27'	25.00'	S 45°26'45" E	35.36'
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C177	39.27'	25.00'	N 45°26'45" W	35.36'
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C179	39.27'	25.00'	S 45°26'45" E	35.36'
C180	39.27'	25.00'	N 44°33'15" E	35.36'
C181	39.27'	25.00'	N 45°26'45" W	35.36'
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C189	39.27'	25.00'	N 45°26'45" W	35.36'
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C191	39.27'	25.00'	S 45°26'45" E	35.36'
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C193	39.27'	25.00'	N 45°26'45" W	35.36'
C194	39.27'	25.00'	S 44°33'15" W	35.36'
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C197	39.27'	25.00'	N 45°26'45" W	35.36'
C198	39.27'	25.00'	S 44°33'15" W	35.36'
C199	39.27'	25.00'	S 45°26'45" E	35.36'
C200	39.27'	25.00'	N 44°33'15" E	35.36'
C201	39.27'	25.00'	N 45°26'45" W	35.36'
C202	39.27'	25.00'	S 44°33'15" W	35.36'
C203	39.27'	25.00'	S 45°26'45" E	35.36'
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C205	39.27'	25.00'	N 45°26'45" W	35.36'
C206	39.27'	25.00'	S 44°33'15" W	35.36'
C207	39.27'	25.00'	S 45°26'45" E	35.36'
C208	39.27'	25.00'	N 44°33'15" E	35.36'
C209	39.27'	25.00'	N 45°26'45" W	35.36'
C210	39.27'	25.00'	S 44°33'15" W	35.36'
C211	39.27'	25.00'	S 45°26'45" E	35.36'
C212	39.27'	25.00'	N 44°33'15" E	35.36'
C213	39.27'	25.00'	N 45°26'45" W	35.36'
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C217	39.27'	25.00'	N 45°26'45" W	35.36'
C218	39.27'	25.00'	S 44°33'15" W	35.36'
C219	39.27'	25.00'	S 45°26'45" E	35.36'
C220	39.27'	25.00'	N 44°33'15" E	35.36'
C221	39.27'	25.00'	N 45°26'45" W	35.36'
C222	39.27'	25.00'	S 44°33'15" W	35.36'
C223	39.27'	25.00'	S 45°26'45" E	35.36'
C224	39.27'	25.00'	N 44°33'15" E	35.36'
C225	39.27'	25.00'	N 45°26'45" W	35.36'
C226	39.27'	25.00'	S 44°33'15" W	35.36'
C227	39.27'	25.00'	S 45°26'45" E	35.36'
C228	39.27'	25.00'	N 44°33'15" E	35.36'
C229	39.27'	25.00'	N 45°26'45" W	35.36'
C230	39.27'	25.00'	S 44°33'15" W	35.36'
C231	39.27'	25.00'	S 45°26'45" E	35.36'
C232	39.27'	25.00'	N 44°33'15" E	35.36'
C233	39.27'	25.00'	N 45°26'45" W	35.36'
C234	39.27'	25.00'	S 44°33'15" W	35.36'
C235	39.27'	25.00'	S 45°26'45" E	35.36'
C236	39.27'	25.00'	N 44°33'15" E	35.36'
C237	39.27'	25.00'	N 45°26'45" W	35.36'
C238	39.27'	25.00'	S 44°33'15" W	35.36'
C239	39.27'	25.00'	S 45°26'45" E	35.36'
C240	39.27'	25.00'	N 44°33'15" E	35.36'
C241	39.27'	25.00'	N 45°26'45" W	35.36'
C242	39.27'	25.00'	S 44°33'15" W	35.36'
C243	39.27'	25.00'	S 45°26'45" E	35.36'
C244	39.27'	25.00'	N 44°33'15" E	35.36'
C245	39.27'	25.00'	N 45°26'45" W	35.36'
C246	39.27'	25.00'	S 44°33'15" W	35.36'
C247	39.27'	25.00'	S 45°26'45" E	35.36'
C248	39.27'	25.00'	N 44°33'15" E	35.36'
C249	39.27'	25.00'	N 45°26'45" W	35.36'
C250	39.27'	25.00'	S 44°33'15" W	35.36'
C251	39.27'	25.00'	S 45°26'45" E	35.36'
C252	39.27'	25.00'	N 44°33'15" E	35.36'
C253	39.27'	25.00'	N 45°26'45" W	35.36'
C254	39.27'	25.00'	S 44°33'15" W	35.36'
C255	39.27'	25.00'	S 45°26'45" E	35.36'
C256	39.27'	25.00'	N 44°33'15" E	35.36'
C257	39.27'	25.00'	N 45°26'45" W	35.36'
C258	39.27'	25.00'	S 44°33'15" W	35.36'
C259	39.27'	25.00'	S 45°26'45" E	35.36'
C260	39.27'	25.00'	N 44°33'15" E	35.36'
C261	39.27'	25.00'	N 45°26'45" W	35.36'
C262	39.27'	25.00'	S 44°33'15" W	35.36'
C263	39.27'	25.00'	S 45°26'45" E	35.36'
C264	39.27'	25.00'	N 44°33'15" E	35.36'
C265	39.27'	25.00'	N 45°26'45" W	35.36'
C266	39.27'	25.00'	S 44°33'15" W	35.36'
C267	39.27'	25.00'	S 45°26'45" E	35.36'
C268	39.27'	25.00'	N 44°33'15" E	35.36'
C269	39.27'	25.00'	N 45°26'45" W	35.36'
C270	39.27'	25.00'	S 44°33'15" W	35.36'
C271	39.27'	25.00'	S 45°26'45" E	35.36'
C272	39.27'	25.00'	N 44°33'15" E	35.36'
C273	39.27'	25.00'	N 45°26'45" W	35.36'
C274	39.27'	25.00'	S 44°33'15" W	35.36'
C275	39.27'	25.00'	S 45°26'45" E	35.36'
C276	39.27'	25.00'	N 44°33'15" E	35.36'
C277	39.27'	25.00'	N 45°26'45" W	35.36'
C278	39.27'	25.00'	S 44°33'15" W	35.36'
C279	39.27'	25.00'	S 45°26'45" E	35.36'
C280	39.27'	25.00'	N 44°33'15" E	35.36'
C281	39.27'	25.00'	N 45°26'45" W	35.36'
C282	39.27'	25.00'	S 44°33'15" W	35.36'
C283	39.27'	25.00'	S 45°26'45" E	35.36'
C284	39.27'	25.00'	N 44°33'15" E	35.36'
C285	39.27'	25.00'	N 45°26'45" W	35.36'
C286	39.27'	25.00'	S 44°33'15" W	35.36'
C287	39.27'	25.00'	S 45°26'45" E	35.36'
C288	39.27'	25.00'	N 44°33'15" E	35.36'
C289	39.27'	25.00'	N 45°26'45" W	35.36'
C290	39.27'	25.00'	S 44°33'15" W	35.36'
C291	39.27'	25.00'	S 45°26'45" E	35.36'
C292	39.27'	25.00'	N 44°33'15" E	35.36'
C293	39.27'	25.00'	N 45°26'45" W	35.36'
C294	39.27'	25.00'	S 44°33'15" W	35.36'
C295	39.27'	25.00'	S 45°26'45" E	35.36'
C296	39.27'	25.00'	N 44°33'15" E	35.36'
C297	39.27'	25.00'	N 45°26'45" W	35.36'
C298	39.27'	25.00'	S 44°33'15" W	35.36'
C299	39.27'	25.00'	S 45°26'45" E	35.36'
C300	39.27'	25.00'	N 44°33'15" E	35.36'
C301	39.27'	25.00'	N 45°26'45" W	35.36'
C302	39.27'	25.00'	S 44°33'15" W	35.36'
C303	39.27'	25.00'	S 45°26'45" E	35.36'
C304	39.27'	25.00'	N 44°33'15" E	35.36'
C305	39.27'	25.00'	N 45°26'45" W	35.36'
C306	39.27'	25.00'	S 44°33'15" W	35.36'
C307	39.27'	25.00'	S 45°26'45" E	35.36'
C308	39.27'	25.00'	N 44°33'15" E	35.36'
C309	39.27'	25.00'	N 45°26'45" W	35.36'
C310	39.27'	25.00'	S 44°33'15" W	35.36'
C311	39.27'	25.00'	S 45°26'45" E	35.36'
C312	39.27'	25.00'	N 44°33'15" E	35.36'
C313	39.27'	25.00'	N 45°26'45" W	35.36'
C314	39.27'	25.00'	S 44°33'15" W	35.36'
C315	39.27'	25.00'	S 45°26'45" E	35.36'
C316	39.27'	25.00'	N 44°33'15" E	35.36'
C317	39.27'	25.00'	N 45°26'45" W	35.36'
C318	39.27'	25.00'	S 44°33'15" W	35.36'
C319	39.27'	25.00'	S 45°26'45" E	35.36'
C320	39.27'	25.00'	N 44°33'15" E	35.36'
C321	39.27'	25.00'	N 45°26'45" W	35.36'
C322	39.27'	25.00'	S 44°33'15" W	35.36'
C323	39.27'	25.00'	S 45°26'45" E	35.36'
C324	39.27'	25.00'	N 44°33'15" E	35.36'
C325	39.27'	25.00'	N 45°26'45" W	35.36'
C326	39.27'	25.00'	S 44°33'15" W	35.36'
C327	39.27'	25.00'	S 45°26'45" E	35.36'
C328	39.27'	25.00'	N 44°33'15" E	35.36'
C329	39.27'	25.00'	N 45°26'45" W	35.36'
C330	39.27'	25.00'	S 44°33'15" W	35.36'
C331	39.27'	25.00'	S 45°26'45" E	35.36'
C332	39.27'	25.00'	N 44°33'15" E	35.36'
C333	39.27'	25.00'	N 45°26'45" W	35.36'
C334	39.27'	25.00'	S 44°33'15" W	35.36'
C335	39.27'	25.00'	S 45°26'45" E	35.36'
C336	39.27'	25.00'	N 44°33'15" E	35.36'
C337	39.27'	25.00'	N 45°26'45" W	35.36'
C338	39.27'	25.00'	S 44°33'15" W	35.36'
C339	39.27'	25.00'	S 45°26'45" E	35.36'
C340	39.27'	25.00'	N 44°33'15" E	35.36'
C341	39.27'	25.00'	N 45°26'45" W	35.36'
C342	39.27'	25.00'	S 44°33'15" W	35.36'
C343	39.27'	25.00'	S 45°26'45" E	35.36'
C344	39.27'	25.00'	N 44°33'15" E	35.36'
C345	39.27'	25.00'	N 45°26'45" W	35.36'
C346	39.27'	25.00'	S 44°33'15" W	35.36'
C347	39.27'	25.00'	S 45°26'45" E	35.36'
C348	39.27'	25.00'	N 44°33'15" E	35.36'
C349	39.27'	25.

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 #: **30002135** GWS File #: **7002B** Tax Parcel #: **019-243-08**

- 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):** 4/10/2012

Type of Installation: Residential - New System Lot Number: 17

Structure Type: HOUSE Size (ft^2): 5000 # Bedrooms: 5 # Occupants: 10

Building Foundation: Basement With Plumbing Water Supply: Private Well

II. Initial System Type: Pump to Approved Accepted **System Classification:** IIIb

Initial System Specifications:

Design Flow (gpd):	600	LTAR (gpd/ft^2):	0.325	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	1500
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1385	Total Trench Length (ft):	462
Maximum Trench Depth (in):	30	Depth of Media (in):	12	Distribution Device:	Pressure Manifold		

III. Repair System Type: PPBPS (pressurized) **System Classification:** IVa

Repair System Specifications:

Design Flow (gpd):	600	LTAR (gpd/ft^2):	0.325	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	1500
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	924	Total Trench Length (ft):	308
Maximum Trench Depth (in):	30	Depth of Media (in):	12	Distribution Device:	Manifold (LPP Distri		

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: Jeremy Michelone

Signature: Jeremy Michelone

Date Issued: 4/10/2007

Owner/Legal Agent: Rick Jasinski

Print Name

Signature: Rick Jasinski

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 #: **30002135** GWS File #: **7002B**

IV. Permit Conditions/Comments:

- Easement agreement forms shall be on file and the property shall be deeded and recorded prior to issuance of Construction Authorization.
- This type of septic system requires an inspection once every 5 years 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 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.
- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.

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

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

DENR Authorized Agent: Jeremy Michelone

Signature: Jeremy Michelone, R.S.

Date Issued: 4/10/2007

Owner/Legal Agent: Rick Sasinski
Print Name

Signature: Rick Sasinski

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

Sheet: 1 of 2
Property ID: PO 019-242-32
Lot #: 17
File #: 7002B
AppID: 2135

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: *Simoni Builders*
Applicant: S & ME, Paul Penninger
Address: 1910 S. Blvd., Ste 200, Charlotte, N. C. 28203
Date Evaluated: 4/2/07
Proposed Facility: Residence
Design Flow (.1949): 600gpd
Property Size: Approx. .3a inv., off-site area
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, 6	0-4	GR/SCL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48+	N/A	NONE	PS, IV
		4-23	SBK/C	FI/SEXP/S/P					.325GPD/FT^2
		23-48	SBK/CL	FR/SEXP/SS/SP					
2	"	0-3	GR/SCL	"	"	"	"	"	"
		3-24	SBK/C	FI/SEXP/S/P					
		24-48	SBK/CL	FR/SEXP/SS/SP					
3	"	0-4	GR/SCL	"	"	"	"	"	"
		4-30	SBK/C	FI/SEXP/S/P					
		30-48	SBK/CL	FR/SEXP/SS/SP					
					SITE LTAR .325GPD/FT^2				

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	IIIb	Iva
Site LTAR	.325GPD/FT2	.325GPD/FT2

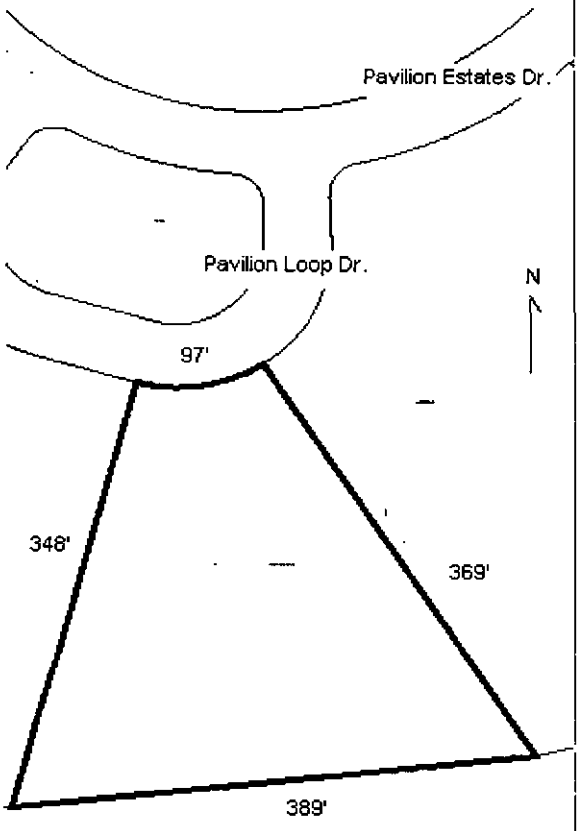
Other Factors (.1946):
Soil Evaluation By: W. R. Marlin, LSS, 4/2/07
Others Present:
Site Classification (.1948): PS
Site Evaluation By:
Others Present:

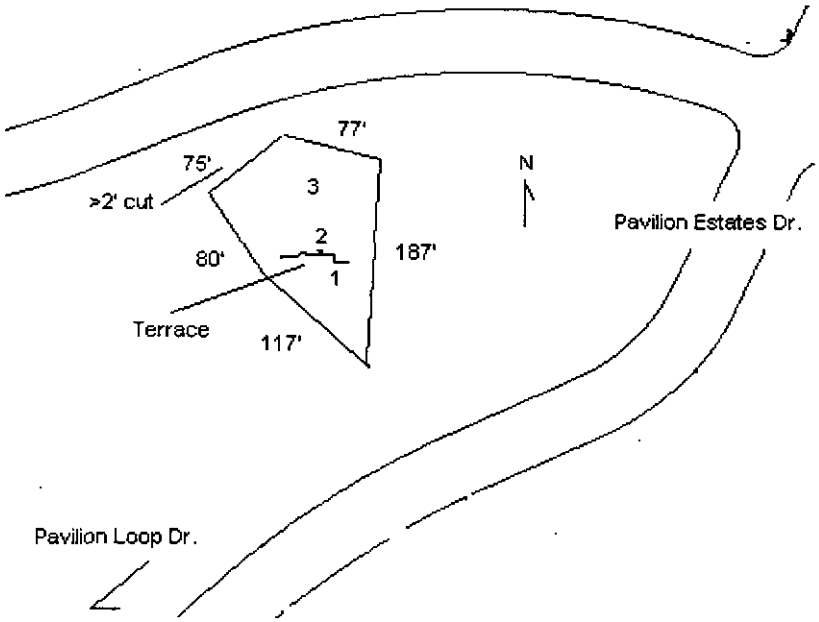
COMMENTS:
100% repair, drainfields to be off-site

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





~~2135~~ #2135

FILE NUMBER: 7002B

Revised On: January 3, 2007

APPLICATION NUMBER: 2135

SEPTIC FEE: ~~200~~ 00
DATE: 3/5/07
CK# 0100242 JKA

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:** 243-08
TAX PARCEL NUMBER: P.O. 01924732
STREET ADDRESS: Pavilion Lane Dr.
CITY: Huntersville
STATE: NC ZIP: 28078
SUBDIVISION NAME:
LOT #: 17 LOT SIZE (acres): 1.8 Ac
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: 5000
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)*:

8A. **RANK:** ☐ ANY TYPE ☐ CONVENTIONAL ☐ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER PPRPS ?

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:** [redacted]
NAME: Simonini Realrs
ADDRESS: 1910 S. Blvd, Suite 200
CITY: Charlotte
STATE: NC ZIP: 28203
HOME PHONE: WORK PHONE: 358-9940
MOBILE PHONE: FAX:

11. **OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:**
NAME: Paul Penny SEMG
ADDRESS: 385 Trinity Road
CITY: Mooresville
STATE: NC ZIP: 28115
HOME PHONE: WORK PHONE: 704-662-6823
MOBILE PHONE: FAX:

12. **WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?** 2006
13. **WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?** ?

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] 3-9-07
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

B: (1) Hae

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

SEPTIC SYSTEM DESIGN REVIEW WORKSHEET

File: 7002B

Address: 15128 Pavilion Loop Dr.

PID #: 019-243-08

Subdivision: The Pavilion

Lot #: 17

Comments:

1. Will require easement forms for off-site primary & repair systems.

Reviewed By: Trevor Thomason TCT

Date: April 9, 2007

Status: **X Approved** **Disapproved** **Pending**