IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 15085

IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4639.45.2551 / 209375

APPLICANT: PLATTNER Custom Builders APPLICANT ADDRESS: PO Box 1138 DAVIDSON, NC 28036

SITE ADDRESS: 112 NAUTICAL PT CT MOORESVILLE NC 28117 PHONE: ALT. PHONE: 704 987 2116

SITE DIRECTIONS: PERTH RD - TR FERN HILL - TR NAUTICAL PT - ON RT

SUBDIVISION: NAUTICAL POINT SECTION: LOT # 9 LOT AREA: DESIGN FLOW: 600 L.T.A.R.: .3

Septic Tank	1500	(gal)	STB		Date						
Pump Tank	1500	(gal)	PT		Date						
Pump Make			Model		Serial #						
# Nitrification Fields	1		# Lines	5	Linear Ft:	500					
Trench Width	36"		Max. Trench Bottom Depth	36"	Gravel Depth	N/A					

☑ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI

System Description: PUMP 25% REDUCTION

Repair System Description: LPP PBPS

Maintenance Agreement Required: ☐ YES ☑ NO ☐ GRAVITY ☑ PRESSURE

☑ Residence ☐ Business ☐ Other ☐ Slab ☑ Basement w/plumbing

No. Bedrooms 5 No. Persons 10 No. Employees ☐ Crawl Space ☐ Basement w/o plumbing

Water Supply: ☑ Private ☐ Public ☐ Community

Comments / Conditions: DO NOT ISSUE A/C UNTIL EASEMENT IS RECORDED PROPERLY.

INITIAL SITE SKETCH

SEE MICHAEL

ATHANAS & ASSOCIATES PLAN

AS BUILT SKETCH

EASEMENT RECORDED BA

BOOK 61 PAGE 9

	Date	Initials
Drain Lines Checked	11/9	LWS
Tanks Checked	12-14	BA
Pressure Manifold or Valve Box Checked	11/9	LWS
Pressure Head Set	1-10-17	BA
Electrical Checked	1-12	BA
Floats Set	1-10-17	BA
Alarm Checked	1-12	BA
Maintenance Contract Y / (N)	not required	
Comments:		

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

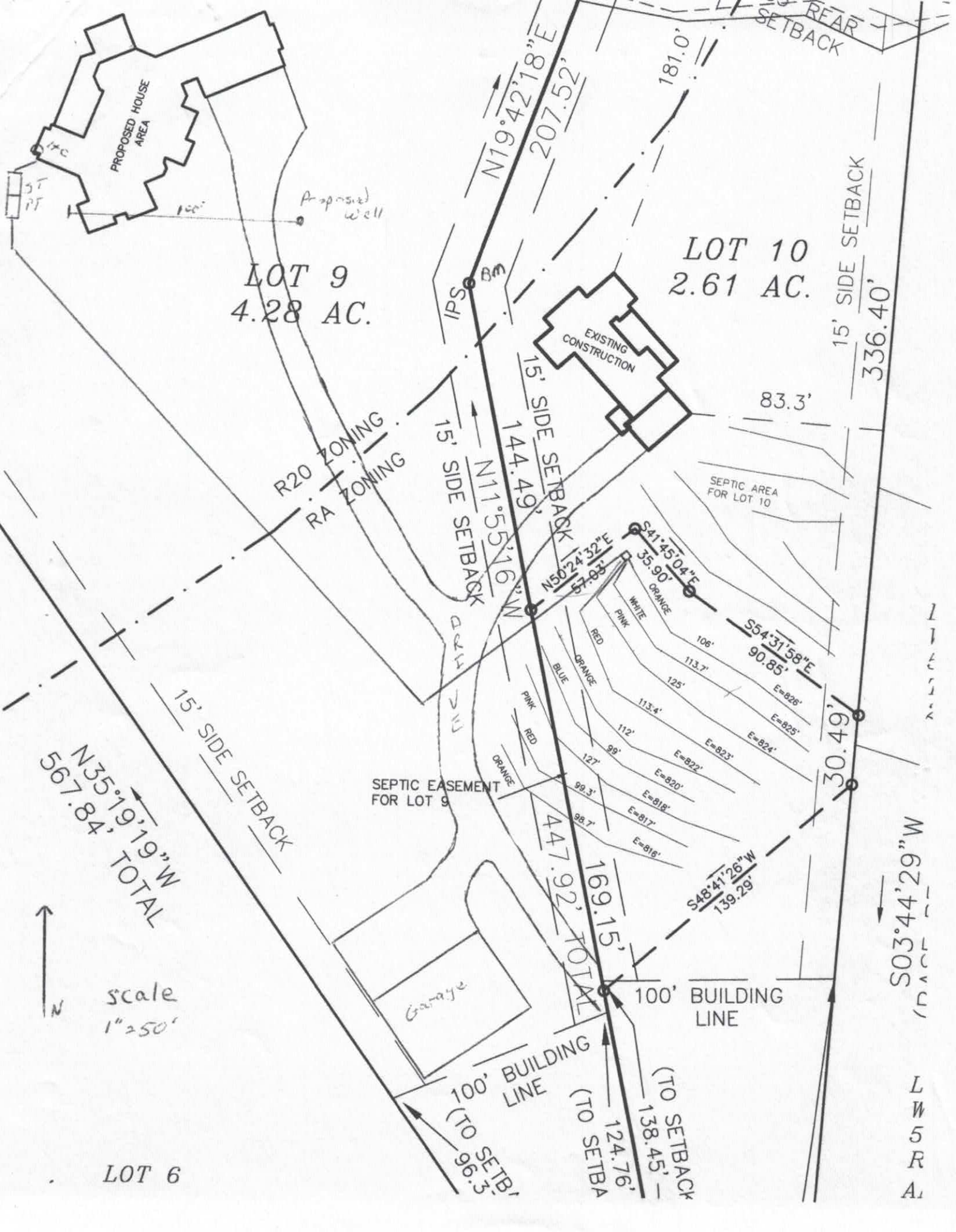
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☑ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

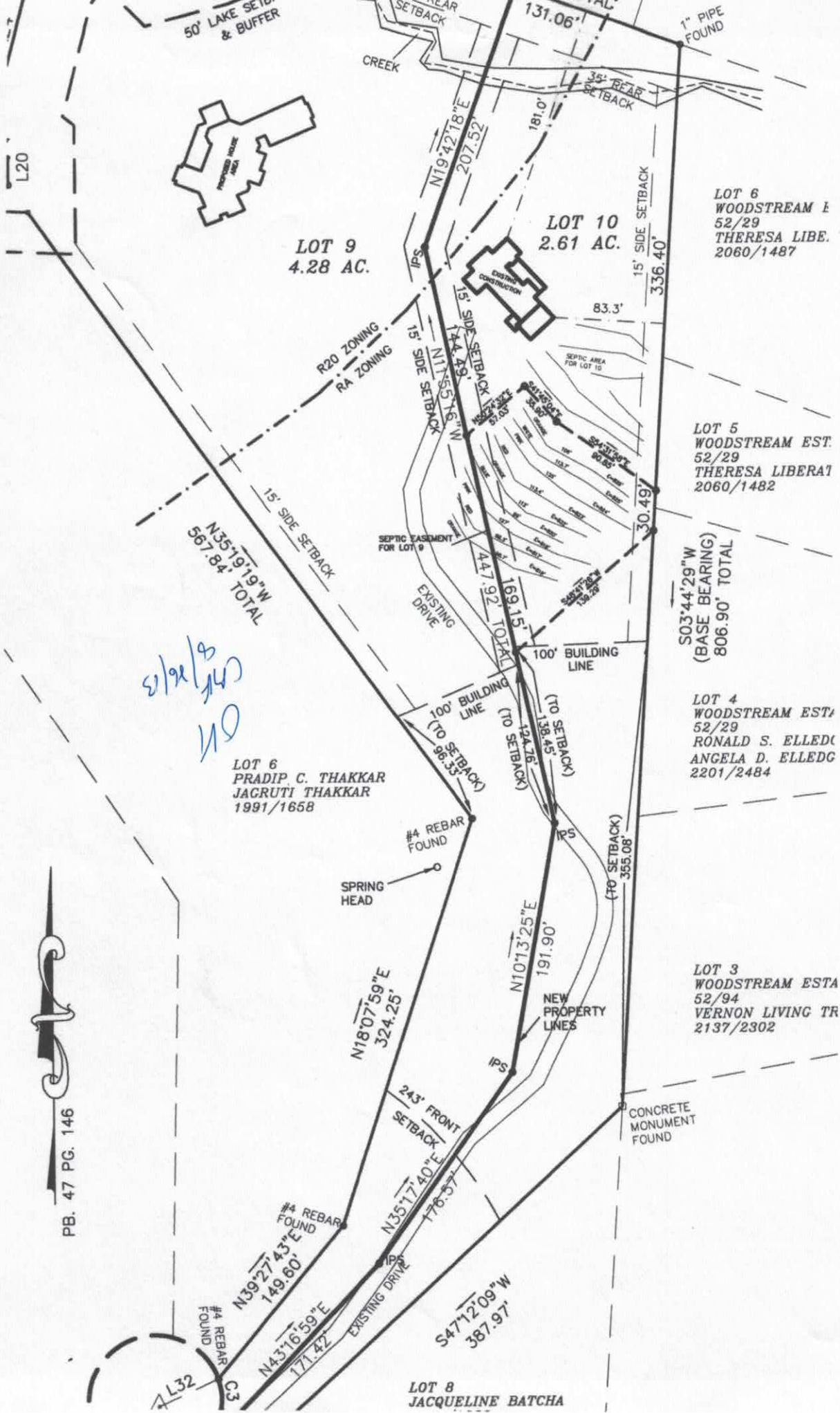
Owner / Applicant Signature: [signature] Date: 8/29/13 Installed by: R+H

IMPROVEMENT PERMIT by: [signature] Date: 8/26/13 OPERATION PERMIT by: BA Date: 1-12-17

AUTHORIZATION TO CONSTRUCT by: BA APPROVED MAR 27 2015 Date: Existing System Inspected by: BA Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK


PROPOSED HOUSE AREA
Proposed well
LOT 9
4.28 AC.
LOT 10
2.61 AC.
EXISTING CONSTRUCTION
REAR SETBACK
181.0'
N19°42'18"E
207.52'
15' SIDE SETBACK
336.40'
83.3'
IPS
15' SIDE SETBACK
144.49'
N11°55'16"W
R20 ZONING
RA ZONING
SEPTIC AREA FOR LOT 10
S41°45'04"E
35.90'
N50°24'32"E
57.83'
S54°31'58"E
90.85'
ORANGE
WHITE
PINK
RED
ORANGE
BLUE
PINK
RED
ORANGE
106'
113.7'
125'
113.4'
112'
99'
127'
99.3'
98.7'
E=826'
E=825'
E=824'
E=823'
E=822'
E=820'
E=818'
E=817'
E=816'
SEPTIC EASEMENT FOR LOT 9
30.49'
S48°41'26"W
139.29'
447.92' TOTAL
169.15'
N35°19'19"W
567.84' TOTAL
15' SIDE SETBACK
Garage
100' BUILDING LINE
100' BUILDING LINE
(TO SETBACK 138.45'
(TO SETBA 124.76'
(TO SETB 96.3'
S03°44'29"W
LOT 6
N
scale
1"=50'


50' LAKE SETBACK & BUFFER
CREEK
35' REAR SETBACK
131.06'
1" PIPE FOUND
L20
PROPOSED HOUSE
LOT 9
4.28 AC.
LOT 10
2.61 AC.
N19°42'18"E
207.52'
181.0'
15' SIDE SETBACK
336.40'
LOT 6
WOODSTREAM E
52/29
THERESA LIBE.
2060/1487
EXISTING CONSTRUCTION
83.3'
R20 ZONING
RA ZONING
15' SIDE SETBACK
N11°55'16"W
144.49'
SEPTIC AREA FOR LOT 10
LOT 5
WOODSTREAM EST.
52/29
THERESA LIBERAT
2060/1482
30.49'
15' SIDE SETBACK
N35°19'19"W
567.84' TOTAL
SEPTIC EASEMENT FOR LOT 9
EXISTING DRIVE
447.92' TOTAL
169.15'
100' BUILDING LINE
S03°44'29"W
(BASE BEARING)
806.90' TOTAL
LOT 4
WOODSTREAM EST
52/29
RONALD S. ELLEDG
ANGELA D. ELLEDG
2201/2484
100' BUILDING LINE
(TO SETBACK)
96.33'
(TO SETBACK)
124.76'
(TO SETBACK)
138.45'
LOT 6
PRADIP C. THAKKAR
JAGRUTI THAKKAR
1991/1658
#4 REBAR FOUND
IPS
SPRING HEAD
(TO SETBACK)
355.08'
N10°13'25"E
191.90'
N18°07'59"E
324.25'
NEW PROPERTY LINES
LOT 3
WOODSTREAM ESTA
52/94
VERNON LIVING TR
2137/2302
IPS
243' FRONT SETBACK
CONCRETE MONUMENT FOUND
PB. 47 PG. 146
#4 REBAR FOUND
N35°17'40"E
178.57'
N39°27'43"E
149.60'
IPS
#4 REBAR FOUND
N43°16'59"E
171.42'
EXISTING DRIVE
S47°12'09"W
387.97'
L32
C3
LOT 8
JACQUELINE BATCHA



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
FORT MILL, S.C. 29715
803-802-4403 (office)
803-802-4402 (fax)

Reference: Data Sheet for Nautical Point, Lot 9
House Footprint: TBD
Building Setbacks: 50' lake, 15' sides
Water Source: Private well
Number of Bedrooms: 5/600 GPD
Proposed LTAR: 0.3 GPD/FT2 (Predetermined by ICHD)
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Pressure Manifold
Flow per Tap: 7.11 GPM
Hole Size & Material: ½" SCH 40
System Flow: 35.55 GPM
Dosing Volume: 218.8 gallons
Pump Run Time: 6.2 minutes
Elevation Head: 46'
Friction Head: 9.5'
Pressure Head: 2'
Total Dynamic Head: 57.5'
Supply Line Length: 385'
Septic/Pump Tank Size: 1500/1500 gallons
Proposed Trench Bottom: 36"

Line	Design Length	Actual Length	Elevation
Orange 1	**100'**	**106'**	**826'**
White 2	**100'**	**115'**	**825'**
Pink 3	**100'**	**115'**	**824'**
Red 4	**100'**	**115'**	**823'**
Orange 5	**100'**	**115'**	**822'**
Blue 6		100'	820'
Pink 7		127'	818'
Red 8		100'	817'
Orange 9		100'	816'

Initial System: 500' **Repair System:** 427'
Pump Tank: 785' **House Corner:** 785' **Benchmark:** 821'

Comments:
This residence is currently permitted as lot 7 which was permitted for a 2 bedroom guest house and a 5 bedroom house to be built at a later date. Because of Iredell County zoning regulations, the property had to be divided because the owners also wanted a detached garage. This lot (9) will have the 5 bedroom house and the detached garage. The septic system for this residence will be pumped to an easement on lot 10. Michael Athanas & Associates did not do any soil observations because the system is laid out in the same area permitted by Iredell County. There will be a shared well on lot 9. The supply line will cross under the driveway and must be a minimum of 30" below driveway or constructed of ductile iron. Please note, all septic lines and easement were located by DAS.

Nautical Point Lot 7 - Fast Track Septic System Information

House	
Foundation	**Basement with plumbing**
Design Flow (gpd)	**840 - 5 bedroom house, det. Garage**
Primary System LTAR (gpd/ft2)	**0.3**
Primary System Type	**25% Reduction**
No. Lines	7 (See Table)
Total Linear Feet	700
Trench Width	3' min.
Trench Spacing	9' min.
Pump Required	Yes
Distribution Device	Pressure Manifold
Maintenance Agreement Required	No
Length and Diameter of Supply Pipe	~300' of 2" SCH 40 PVC
Flow Rate through the system	38.5 gpm
Elevation head	*Approx. 52'
Pressure head	2.0'
Friction head	10.3'
20% Contingency	12.8'
Total Head	77.1'
Pump Requirements	39 gpm @ 78' of head ***To be designed by installer.**
Maximum Dosing Volume	400 gal - approx. 2 doses/day @ design flow
Volume of water pumped per dose	Calculated to specific tank by measure or dealer engineering specifications (1 cubic ft. of water equals 7.48 gal.)
Pump Run per dose	approx. 10 min.
Check Valve	Yes
Siphon Break hole	No
Repair System	**T&J Panel Block**
Total Linear Feet	467 Required - 525 shown
Repair Loading Rate	0.3

Nautical Point Lot 7 - Fast Track Septic System Information

Table: Summary of Primary Nitrification Lines

Line No.	Use		Line Color	System Type	Line Length (Ft.)	Elevation (Ft.)
1	Primary		blue	25% Reduction	100	828**
2	Primary		pink	25% Reduction	100	827
3	Primary		red	25% Reduction	100	826
4	Primary		orange	25% Reduction	100	825
5	Primary		blue	25% Reduction	100	824
6	Primary		pink	25% Reduction	100	823
7	Primary		red	25% Reduction	100	822
					Total System: 700'	

Tank		1500 gal (2 compartment)	
Pump Tank		1500 gal.	782.0
House	front, left		794.0

Manifold Information	
Tap Size (In.)	1/2
Tap Material	SCH 80 PVC
No. Taps	7
Barrel Size (In.)	4
Barrel Material	SCH 80 PVC
Flow (gpm)/Tap	5.5

NOTES:

***Elevations must be verified by installer or surveyor at installation**

**** Estimated from contour map**

S&ME, INC.
SITE/SOIL EVALUATION

Lot 7 Nantucket Trl. 1/2

Project No. 1584-12-075 **Phone No.** _____ **Date:** 7-23-12
Location _____ **Pin** _____ **County:** IREDELL **Property Size** _____

Proposed Facility: SFR House Detached Garage **Water Supply:** On-Site Well ☒ **Evaluation:** Auger Boring ☐
Community ☐ Pit ☒
Described By: PSC ; REV. by ICHD. EP Rev'd Public ☐ Cut ☐
Weather: Hot **Antecedent Moisture** Dry **Surface Water:** L, N

FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4
Landscape Position %	L 10-15%	L ~10%	L 5-10%	L/N 5-10%
Horizon Depth I	0-4	0-4	0-21	0-12
Color Munsell	br		ml	ml
Texture	scl		c	c
Structure	gr	sg-m	m-sbk/abk	m-abk/csbk
Consistence	fr		fr ss/sp	ss/sw to comp
			fr sap fi	fi sp
Boundary				
Horizon Depth II	4-31	4-21	21-48 Bc	12-27 Bc
Color – Munsell	ml	ml br	yell ml	yell ml
Texture	c	scl	c-cl	cl
Mottles			f-c sap	c sap
Structure	m-sbk/abk	w sbk/abk	w sbk	m-w sbk
Consistence	fr sp	fr ss/sp	fr ss/sp	fr vfr/sp
Boundary				
Horizon Depth III	31-60 Bc	21-39	48-57	27-[illegible]
Color – Munsell	yell ml	ml	yell ml	ml yell
Texture	cl	c	f-cl sap	f-cl
Mottles	c sap (zones cl sap)	w sbk/abk	f cl fi	fi cl
Structure	w sbk	fi sp	m asp - w sbk	m asp -
Consistence	fr ss/sp		fr ss/sp	fr ss/sp
Boundary				
Horizon Depth IV		39-57		
Color – Munsell		yel ml		
Texture		cl		
Mottles		c sap		
Structure		w sbk		
Consistence		fr ss/sp		
Boundary	—	—	—	—
Soil Wetness	—	—	—	—
Restrictive Horizon	—	—	—	—
Saprolite	—	—	48"	27"
LTAR	.3	.3	.3	.3
Classification	PS	PS	PS	PS
	36" Tot	57" Tot	57" Tot	36" Tot

Approved ICHD
8-1-12

LEGEND

LANDSCAPE POSITION
- R Ridge Interfluve
- S Shoulder
- L Linear Slope
- Foot Slope
- N Nose Slope
- H Head Slope
- Cc Concave Slope
- Cv Convex Slope
- T Terrace
- P Flood Plain

TEXTURE
- s sand
- ls loamy sand
- sl sandy loam
- l loam
- si silt
- sil silt loam
- sicl silty clay loam
- cl clay loam
- scl sandy clay loam
- sc sandy clay
- sic silty clay
- c clay

CONSISTENCE WET
- Ns non-sticky
- Ss slightly sticky
- S sticky
- Vs very sticky

- Np non-plastic
- Sp slightly plastic
- P plastic
- Vp very plastic

MOIST
- vfr Very friable
- fr friable
- fi firm
- vfi Very firm

STRUCTURE
- sg single grain
- m massive
- cr crumb
- gr granular
- sab subangular blocky
- ab angular blocky
- pl platy
- pr prismatic

S&ME, INC.
SITE/SOIL EVALUATION

2/2

Project No. 1584-12 Phone No. 297-1 Date: 7-23-12
Location _____ Pin _____ County: _____ Property Size _____

Proposed Facility: SGL Home Water Supply: On-Site Well ☑ Evaluation: Auger Boring ☐
Dek. Sampled Community ☐ Pit ☒
Described By: MP - TLEV ICHD Public ☐ Cut ☐
Weather: Hot Antecedent Moisture Dry Surface Water: LN

FACTORS	PROFILE 6	PROFILE 5	PROFILE	PROFILE
Landscape Position %	L 5-10%	L 5-10%		
Horizon Depth I	0-4	0-6		
Color Munsell				
Texture	SCL			
Structure	gr	sg		
Consistence				
Boundary				
Horizon Depth II	4-29	6-36		
Color – Munsell				
Texture	C	C		
Mottles		f SAP		
Structure	m-f SBK	m-f SBK/ABK		
Consistence	f, SH/SE	f; S/P		
Boundary				
Horizon Depth III	29-58	36-54	CR/C	
Color – Munsell				
Texture	CR-SCL	SAP		
Mottles	e SAP			
Structure	WEAK	MASS		
Consistence	f SH/SE	f, SS/SP		
Boundary				
Horizon Depth IV	58-65+			
Color – Munsell				
Texture	C/ SAP			
Mottles				
Structure	MAS S			
Consistence	f, SS/SP			
Boundary				
Soil Wetness				
Restrictive Horizon				
Saprolite	58'+	32		
LTAR	-3	-3		
Classification	PS	PS		

36" Found

Approved ICHD

LEGEND

LANDSCAPE POSITION

R	Ridge Interfluve
S	Shoulder
L	Linear Slope
FS	Foot Slope
N	Nose Slope
H	Head Slope
Cc	Concave Slope
Cv	Convex Slope
T	Terrace
P	Flood Plain

TEXTURE

s	sand
ls	loamy sand
sl	sandy loam
l	loam
si	silt
sil	silt loam
sicl	silty clay loam
cl	clay loam
scl	sandy clay loam
sc	sandy clay
sic	silty clay
c	clay

CONSISTENCE WET

Ns	non-sticky
Ss	slightly sticky
S	sticky
Vs	very sticky
Np	non-plastic
Sp	slightly plastic
P	plastic
Vp	very plastic

MOIST

vfr	Very friable
fr	friable
fi	firm
vfi	Very firm

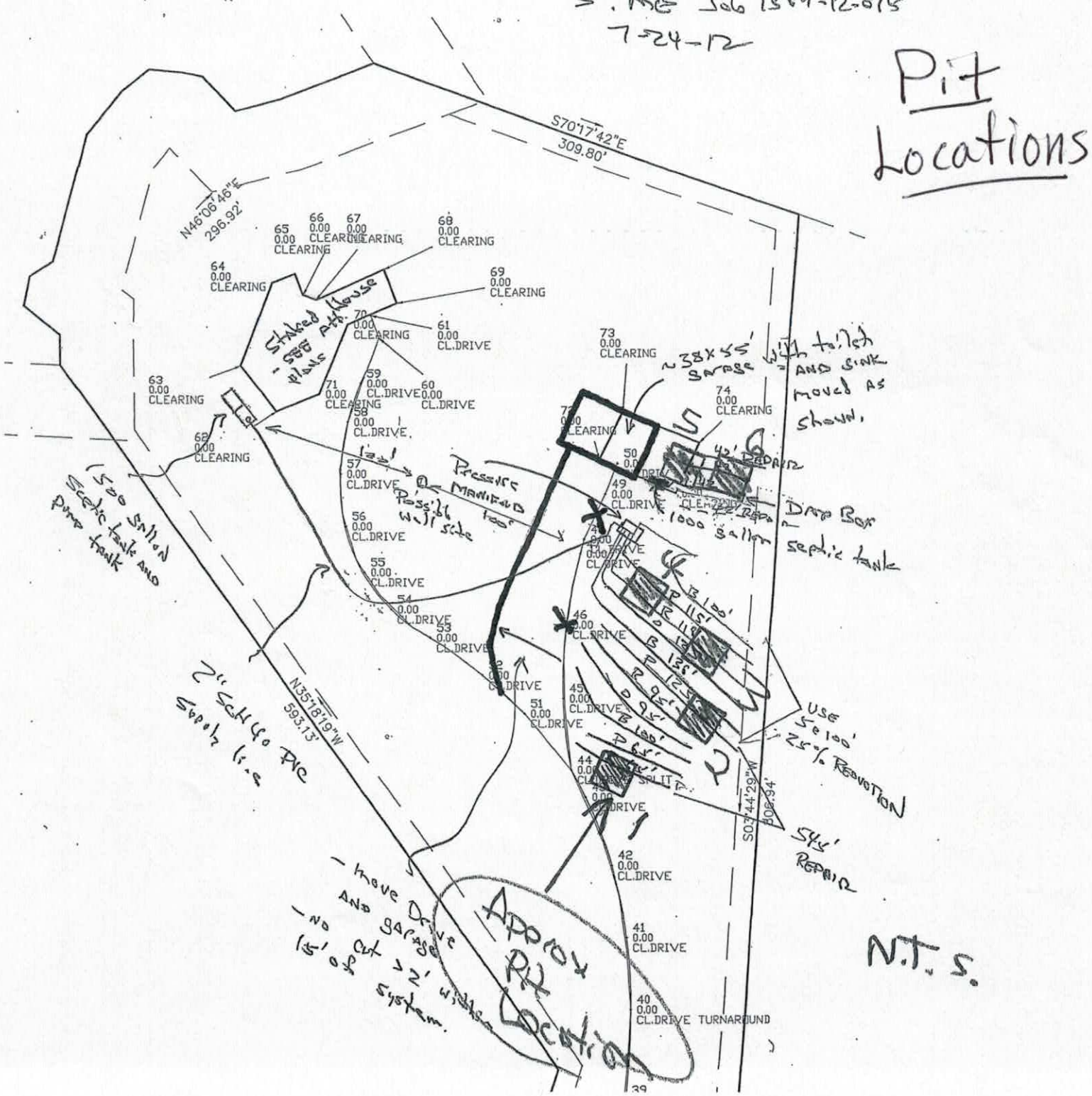
STRUCTURE

sg	single grain
m	massive
cr	crumb
gr	granular
sbk	subangular blocky
abk	angular blocky
pl	platy
pr	prismatic

NAUTICAL PT. Lot 7 SEPTIC SKETCH 1"=60'

BASE MAP FROM KARL PLATTNER

S&ME Job 1504-12-075
7-24-12



RECEIVED MAR 1 8 2015

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 1: *APPLICATION FORM*

Application For:

( ) Septic Improvement Permit (✓) New Well Permit ( ) Authorization to Construct ( ) Well Repair Permit ( ) Existing System Inspection ( ) Well Abandonment ( ) Septic System Repair

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted:

Place an (X) beside whichever is submitted if applicable

( ) Survey Plat, scaled no more than 1 inch = 60 feet

( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information:

Applicant Name: STEVE WATERS ENCORE - PLATTNER Address: P.O. BOX 3995 MOORESVILLE NC 28117 Phone: 704-746-453

Owner Name: JUSTIN MARKS Address: 112 NAUTICAL POINT CT. Phone: 704-2300206

Property Information:

Street Address: 112 NAUTICAL POINT CT.

Subdivision Name: NAUTICAL POINT Section/Phase: _____ Lot Number: 9

Driving Directions: NORTH ON PERTH RD. - LEFT ONTO FERN HILL - THIRD RT ONTO NAUTICAL POINT CT. - RIGHT SIDE OF CULDASAC

Site Development Information: *(check or complete ALL that apply)*

(✓) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition

Maximum Number of Bedrooms: 5
Maximum Number of Occupants: 5
(✓) Swimming Pool
( ) Other Addition/Structure: _____

( ) Crawl Space Foundation
( ) Concrete Slab Foundation
(✓) Basement with Plumbing
( ) Basement without Plumbing

Non-Residential Site Development:

Type of Business: _____
Square Footage of Building: _____
Maximum Number of Employee: _____
Maximum Number of Seats/Beds/Other: _____

Water Supply:

( ) New Well (✓) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)*

Year existing system installed: _____

( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional (✓) Other: PUMP

Please answer the following to the best of your ability:

( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (✓) No Is the site subject to approval by any other public agency?

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.

Signature: _____

Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

3-17-2015

DATE

PIN 4639452551

FAST TRACK PUMP

#180455

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 1: *APPLICATION FORM* FAST TRACK LIMITED

Application For:

(✓) Septic Improvement Permit (✓) Authorization to Construct ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment ( ) Existing System Inspection ( ) Septic System Repair

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted:

Place an (X) beside whichever is submitted if applicable

(✓) Survey Plat, scaled no more than 1 inch = 60 feet

( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information:

Applicant Name: Partner Custom Builders **Address:** P.O. Box 1138 Davidson 704 **Phone:** 746-4531

Owner Name: Justin Marks **Address:** _____ 704 **Phone:** 230-0206

Property Information:

Street Address: 112 Nautical Point Ct. - (28117)

Subdivision Name: Nautical Point **Section/Phase:** _____ **Lot Number:** 9

Driving Directions: _____

Site Development Information: *(check or complete ALL that apply)*

(✓) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition

Maximum Number of Bedrooms: 5
Maximum Number of Occupants: 7
(✓) Swimming Pool
( ) Other Addition/Structure: _____

( ) Crawl Space Foundation
( ) Concrete Slab Foundation
(✓) Basement with Plumbing
( ) Basement without Plumbing

Non-Residential Site Development:

Type of Business: _____
Square Footage of Building: _____
Maximum Number of Employee: _____
Maximum Number of Seats/Beds/Other: _____

Water Supply:

(✓) New Well ( ) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* **Year existing system installed:** _____

( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional (✓) Other: Pump

Please answer the following to the best of your ability:

( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (✓) No Is the site subject to approval by any other public agency?

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.

Signature: _____ 8-12-2013

Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IREDELL COUNTY HEALTH DEPARTMENT

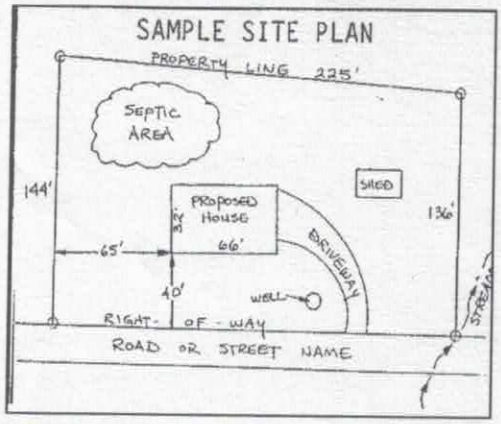
ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *SITE PLAN WORKSHEET*

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM PERMIT!!!*

Place an (X) beside each item as you complete the site plan:

- ( ) Property Line measurements are clearly identified
- ( ) All proposed structures are indicated
- ( ) Front and side setbacks from property line
- ( ) Preferred driveway location and well location
- ( ) Area you prefer your septic system to be placed
- ( ) North arrow, or other sufficient indicator of direction



Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property	N/A
Location of easements and rights of ways on your property	N/A
Location of any designated wetlands on the property	N/A

USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

SEE MICHAEL ATHANAS PLAT TRACT AS RECORD.

Signature: _____

Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

3-17-2015

DATE

IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625

IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PERMIT # 180455

PIN # 4639452551

APPLICANT: PLATTNER Custom Builders APPLICANT ADDRESS: PO Box 1138 Davidson, NC 28036

SITE ADDRESS: 112 Nautical Pt Ct Mooresville NC 28117 PHONE: ALT. PHONE: 704 987 2116

SITE DIRECTIONS: Perth Rd - TR Fern Hill - TR Nautical Pt - on RT

SUBDIVISION: Nautical Point SECTION: LOT # 9 LOT AREA:

DESIGN FLOW: 600 L.T.A.R.: .3

Septic Tank 1500 (gal) STB Date

Pump Tank 1500 (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 5 Linear Ft: 500

Trench Width 36" Max. Trench Bottom Depth 36" Gravel Depth N/A

☑ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI

System Description: Pump 25% Reduction

Repair System Description: LPP BPS

Maintenance Agreement Required: ☐ YES ☒ NO

☐ GRAVITY ☑ PRESSURE

☑ Residence ☐ Business ☐ Other ☐ Slab ☑ Basement w/plumbing

No. Bedrooms 5 No. Persons 10 No. Employees

☐ Crawl Space

Water Supply: ☑ Private ☐ Public ☐ Community

☐ Basement w/o plumbing

Comments / Conditions: DO NOT ISSUE A/C UNTIL EASEMENT IS RECORDED PROPERLY.

INITIAL SITE SKETCH

SEE MICHAEL ATHANAS & ASSOCIATES PLAN

AS BUILT SKETCH

---IMPROVEMENT PERMIT ONLY---

DO NOT ISSUE BUILDING PERMIT!

FLOOR PLAN STILL NEEDED!

mit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION

☐ IMPROVEMENT PERMIT *with plat* valid without expiration. ☑ IMPROVEMENT PERMIT *with site plan* valid for 60 mos. ☐ AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

ner / Applicant Signature: Date: 8/29/13 Installed by:

ROVEMENT PERMIT by: C. Date: 8/26/13 OPERATION PERMIT by: Date:

THORIZATION TO CONSTRUCT by: Date: Existing System Inspected by: Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK

PIN 4639452537

IREDELL COUNTY HEALTH DEPARTMENT

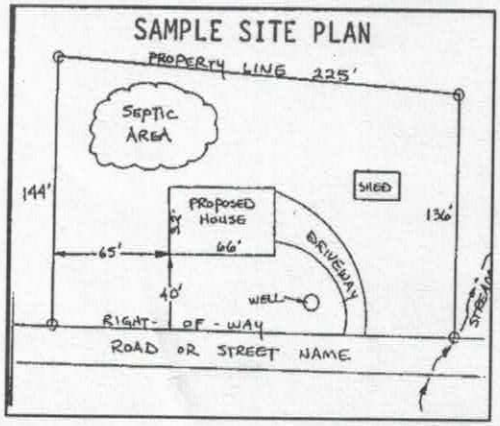
ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *SITE PLAN WORKSHEET*

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM PERMIT!!!*

Place an (X) beside each item as you complete the site plan:

- (✓) Property Line measurements are clearly identified
- (✓) All proposed structures are indicated
- (✓) Front and side setbacks from property line
- (✓) Preferred driveway location and well location (SHADED)
- (✓) Area you prefer your septic system to be placed
- (✓) North arrow, or other sufficient indicator of direction



Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property	N/A
Location of easements and rights of ways on your property	N/A
Location of any designated wetlands on the property	N/A

USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

See attached

(Mike Athena to submit FAST TRACK paperwork)

Lot 7 split into 9+10

This app. is for lot 9.

Signature: _____

Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

8-12-2013

DATE

Main House

IREDELL COUNTY HEALTH DEPARTMENT

STATESVILLE 704-878-5305 MOORESVILLE 704-664-5281

IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM INSPECTION

PERMIT # 174044 PIN # 4639452589 DATE 11-19-2012

OWNER or APPLICANT Platfner Custom Builders PHONE: Business 704 363-6005 Home: 704 746-4531

OWNER or APPLICANT ADDRESS P.O. Box 1138 Davidson NC 28036

LOCATION / DIRECTIONS Hwy 150 W. TR Perth Rd TL Fernhill TR Nautical Point Ct (lot @ end) #112

SUBDIVISION Nautical Pt. BLOCK / SECTION LOT # 7 LOT AREA 6.82Ac DESIGN FLOW 600gpd L.T.A.R. .31

Septic Tank 1500 Gallons: STB Date

Pump Tank 500 Gallons: P T Date

Pump Make Model Serial #

Nitrification Field No Fields 1 No Lines 5 Linear Feet 500'

Trench Width 36" Max. Trench Bottom Depth 36" Gravel Depth N/A ☐ GRAVITY ☒ PRESSURE

☒ New System ☐ Repair ☐ Expansion System Type I II III IV V VI

System Description: Pump-Pm-25% Reduction

Repair System Description: LPPPBPS

Maintenance Agreement Required ☐ YES ☒ NO Not Initially

☒ Residence No. Bedrooms 5 ☐ Business No. Persons ☐ Other No. Employees ☐ Slab ☐ Crawl Space ☒ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

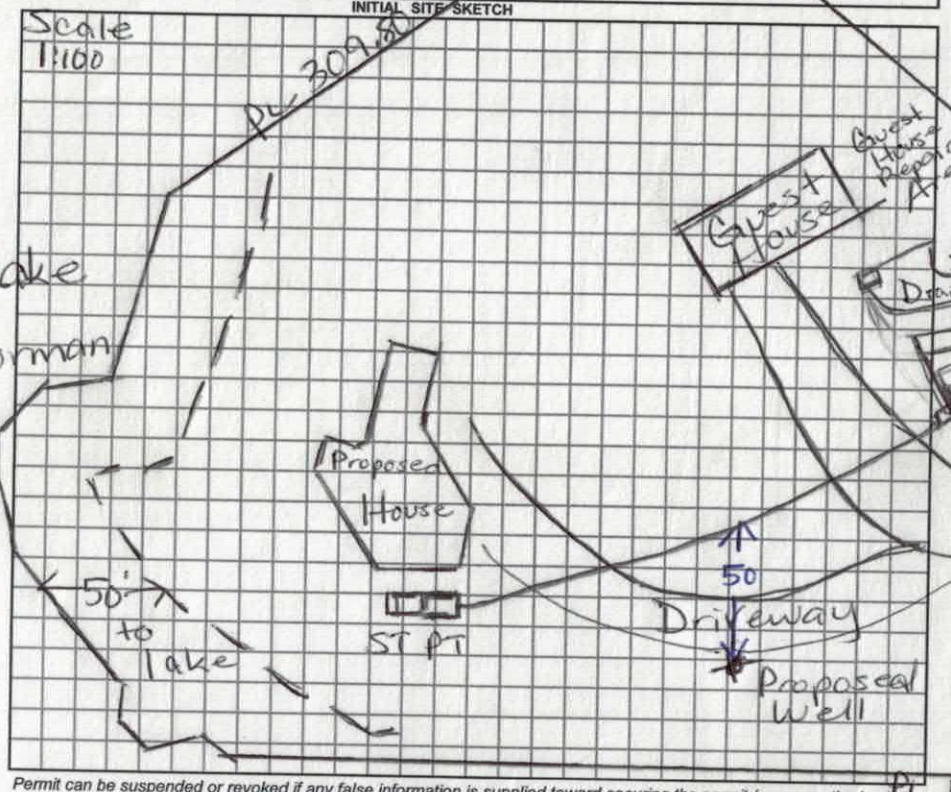
Comments / Conditions

** This permit replaces previous permit dated 8/2/2012

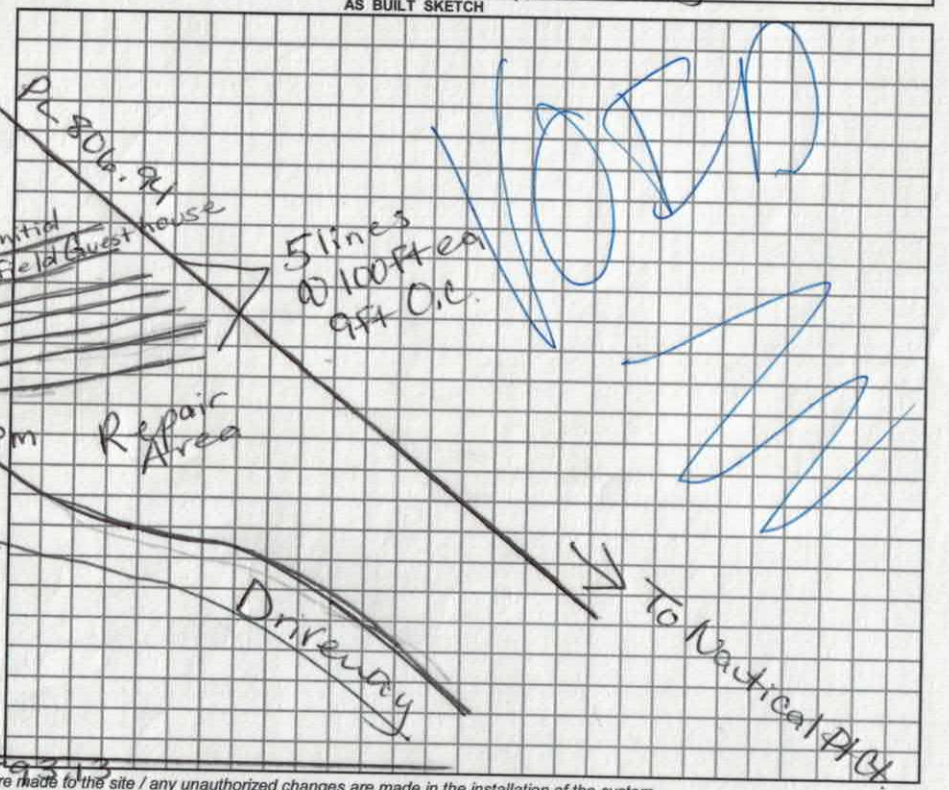
Comments / Conditions No Cut ≥ 2ft within 15ft of Drainfield or tanks.

* Supply line(s) under driveway must be buried at least 30 inches.

INITIAL SITE SKETCH



AS BUILT SKETCH



Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system.

☐ IMPROVEMENT PERMIT w / plan valid without expiration. ☐ IMPROVEMENT PERMIT w / site plan valid for 60 mos. ☐ AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT-not to exceed 60 mo.

Owner / Applicant Signature: Date 11/29/12

Improvement Permit by: Maria H Dotson RS Date 11/19/12

Authorzation to Construct by: Maria H Dotson RS Date 11/19/12

Installed by:

Operation Permit by: Date:

Existing System Inspected by: Date:

YOU SHOULD CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION.

WHITE COPY Environmental Health YELLOW COPY (Final) Owner / Applicant PINK COPY (Initial) Owner / Applicant

IREDELL COUNTY HEALTH DEPARTMENT

STATESVILLE 704-878-5305 ☒ MOORESVILLE 704-664-5281

IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM INSPECTION

PERMIT # 174044 PIN # 4639 45 2589 DATE August 2, 2012

OWNER or APPLICANT Plattner Custom Builders / Justin Marks PHONE: Business 704-363-6005 Home:

OWNER or APPLICANT ADDRESS P.O. Box 1138 Davidson, NC

LOCATION / DIRECTIONS Perth Rd N TL Fern Hill TR Nautical Pt on right at end 112 Nautical Pt. Ct.

SUBDIVISION Nautical Point BLOCK / SECTION LOT # 7 LOT AREA 6.82Ac DESIGN FLOW 840 gpd L.T.A.R. .3gpd/ft²

Septic Tank 1500 Gallons: STB Date

Pump Tank 1500 Gallons: P T Date

Pump Make Model Serial #

Nitrification Field No Fields 1 No Lines 7 Linear Feet 700

Trench Width 36" Max. Trench Bottom Depth 36" Gravel Depth NA

☒ New System ☐ Repair ☐ Expansion System Type I II III IV V VI

System Description: 26% Reduction PM

Repair System Description: LP PPBPS

Maintenance Agreement Required ☐ YES ☒ NO

☐ GRAVITY ☒ PRESSURE

☒ Residence No. Bedrooms 7 ☐ Business No. Persons ☐ Other No. Employees ☐ Slab ☐ Crawl Space ☒ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions

Comments / Conditions

INITIAL SITE SKETCH

See Plan from S+ME

Approved by ICHD

AS BUILT SKETCH

Void

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system.

☐ *IMPROVEMENT PERMIT w / plat valid without expiration.* ☒ *IMPROVEMENT PERMIT w / site plan valid for 60 mos.* ☐ *AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT-not to exceed 60 mo.*

Owner / Applicant Signature: Date 8/24/12

Improvement Permit by: Judy Melville Date 8-2-12

Authorzation to Construct by: Judy Melville Date 8-2-12

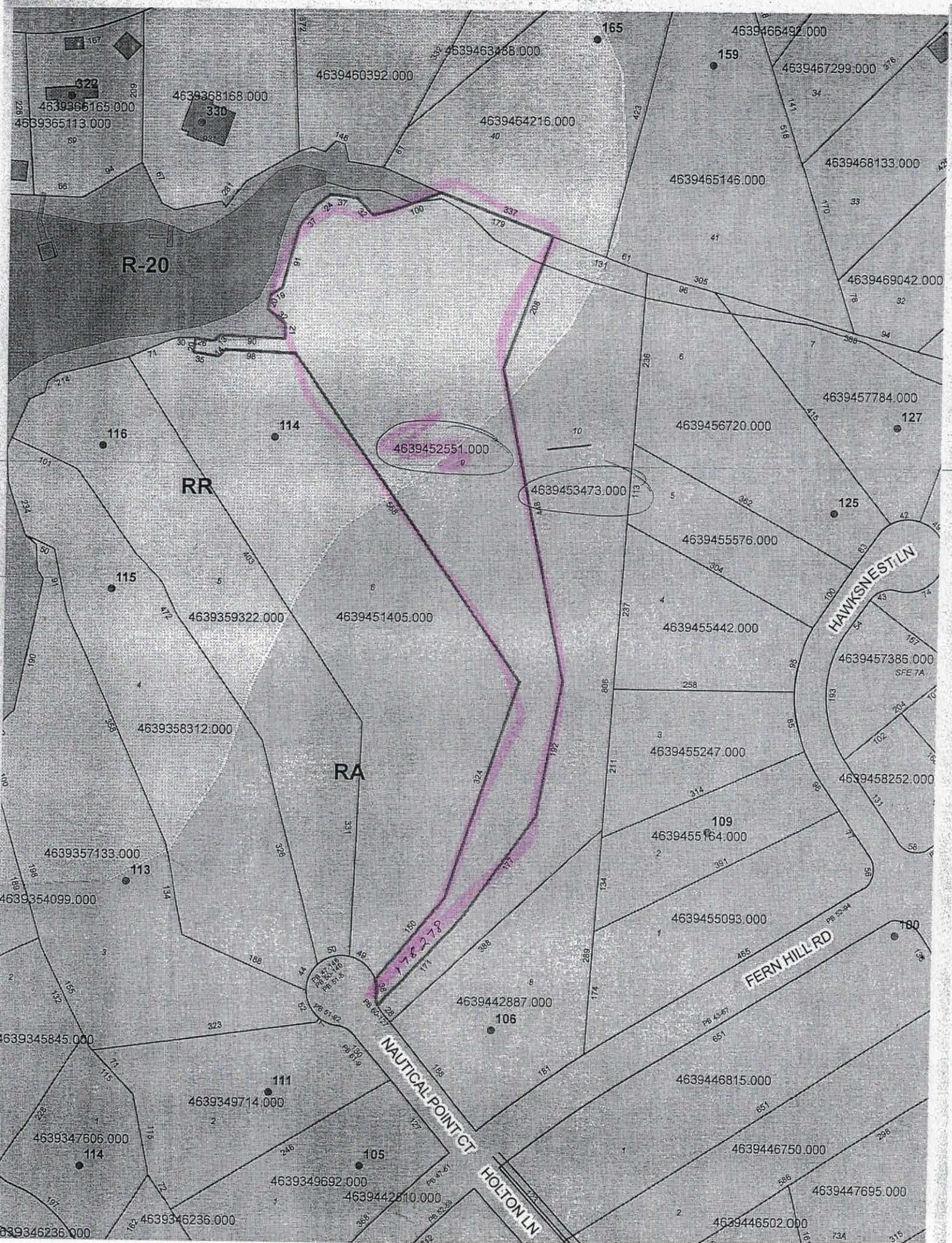
YOU SHOULD CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION.

Installed by:

Operation Permit by: Date:

Existing System Inspected by: Date:

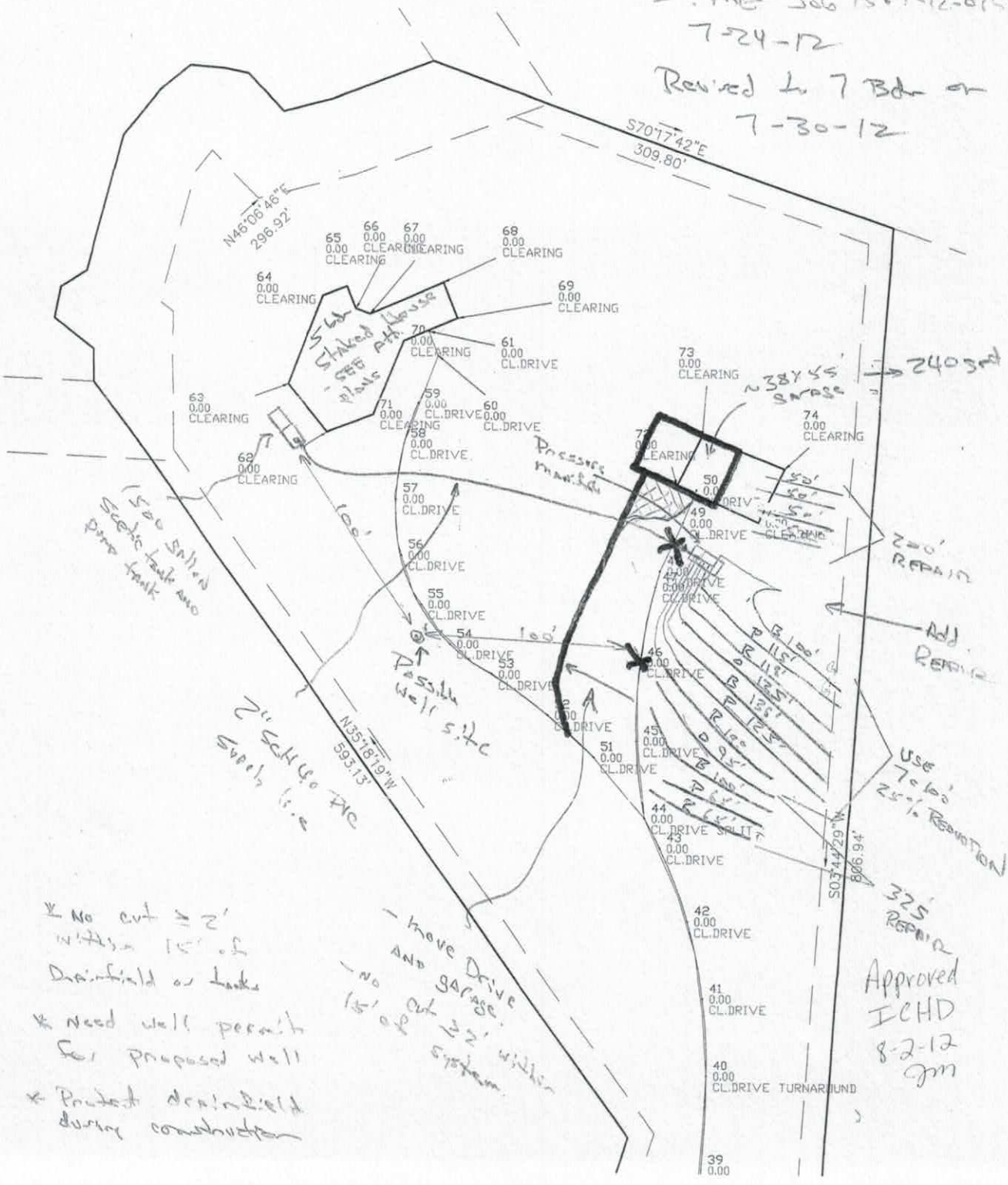
WHITE COPY Environmental Health YELLOW COPY (Final) Owner / Applicant PINK COPY (Initial) Owner / Applicant


R-20
RR
RA
4639466492.000
4639463488.000
4639460392.000
4639467299.000
4639368168.000
4639366165.000
4639365113.000
4639464216.000
4639468133.000
4639465146.000
4639469042.000
4639457784.000
4639456720.000
4639452551.000
4639453473.000
4639455576.000
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4639347606.000
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4639349692.000
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4639447695.000
4639346236.000
4639446502.000
HAWIKSNEST LN
FERN HILL RD
NAUTICAL POINT CT
HOLTON LN
322
330
165
159
116
114
127
125
115
113
109
180
111
106
105
114

NAUTICAL PT. Lot 7 SEPTIC SKETCH 1"=60'

BASE MAP FROM KARL PLATTNER

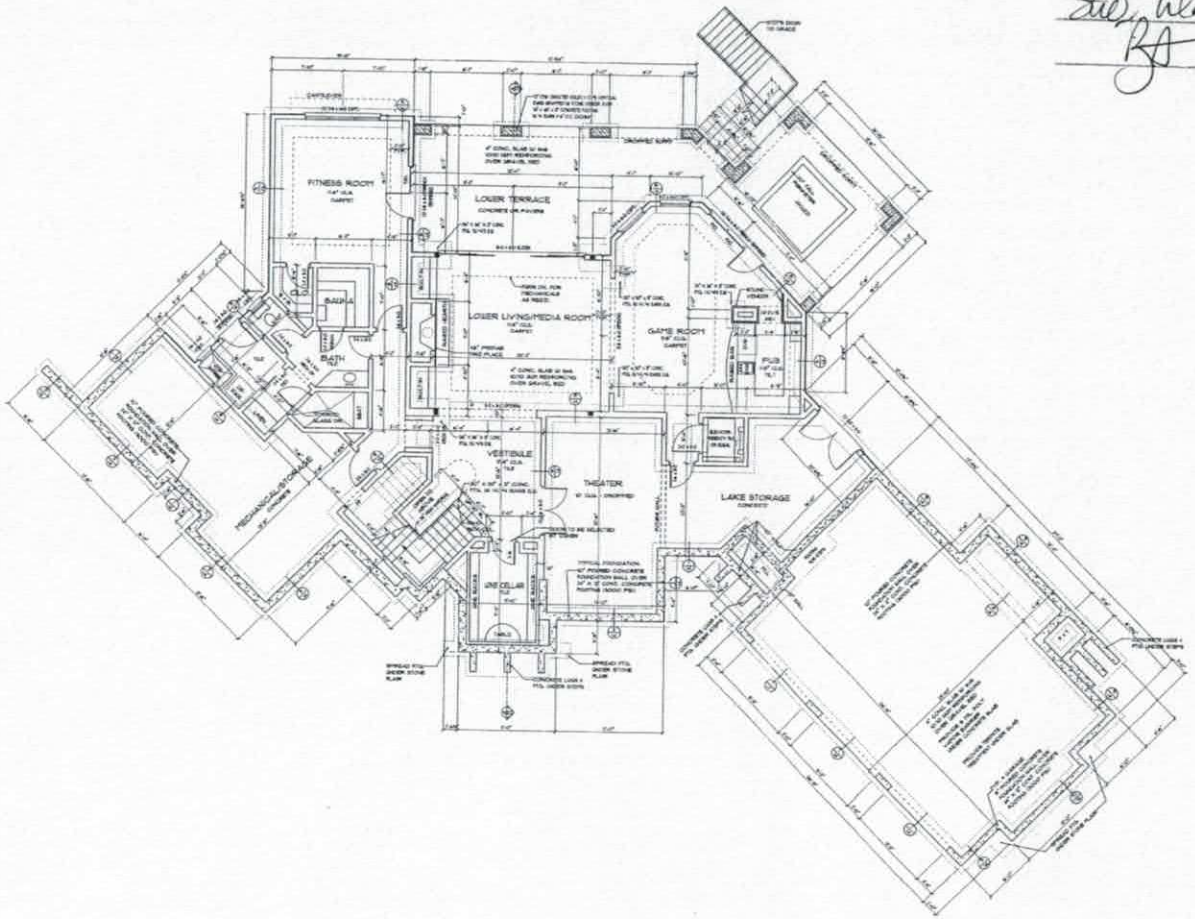
S+ME Job 1511-12-074
7-24-12
Revised to 7 Bdrms
7-30-12

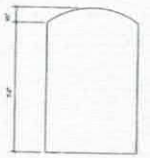


* No cut ≥ 2' within 15' of Drainfield or tanks
* Need well permit for proposed well
* Protect drainfield during construction

- Move Drive and garage.
- No cut ≥ 2' within 15' of system

Acknowledgement Of
Plans Submittal ONLY!
Date 3-18-2015
APPROVED MAR 2 7 2015





NOTE:
BUILDERS TO VERIFY DATA /
MECHANICAL ETC. FOR ELEVATOR
SHAFT ASSEMBLY PRIOR TO ALL SPECS.

LOWER LEVEL NOTES

Custom Residential Designs
P.O. Box 691286
Mint Hill, NC 28227
tel: 704-545-2928
fax: 704-545-0600

G.B. ENGINEERING, PLLC
133 MIDDLETON PLACE
MOORESVILLE, NC 28117
(704) 677-5339
P-1298

PROJECT:

The Marks Residence

LOT 7, NAUTICAL POINT COURT

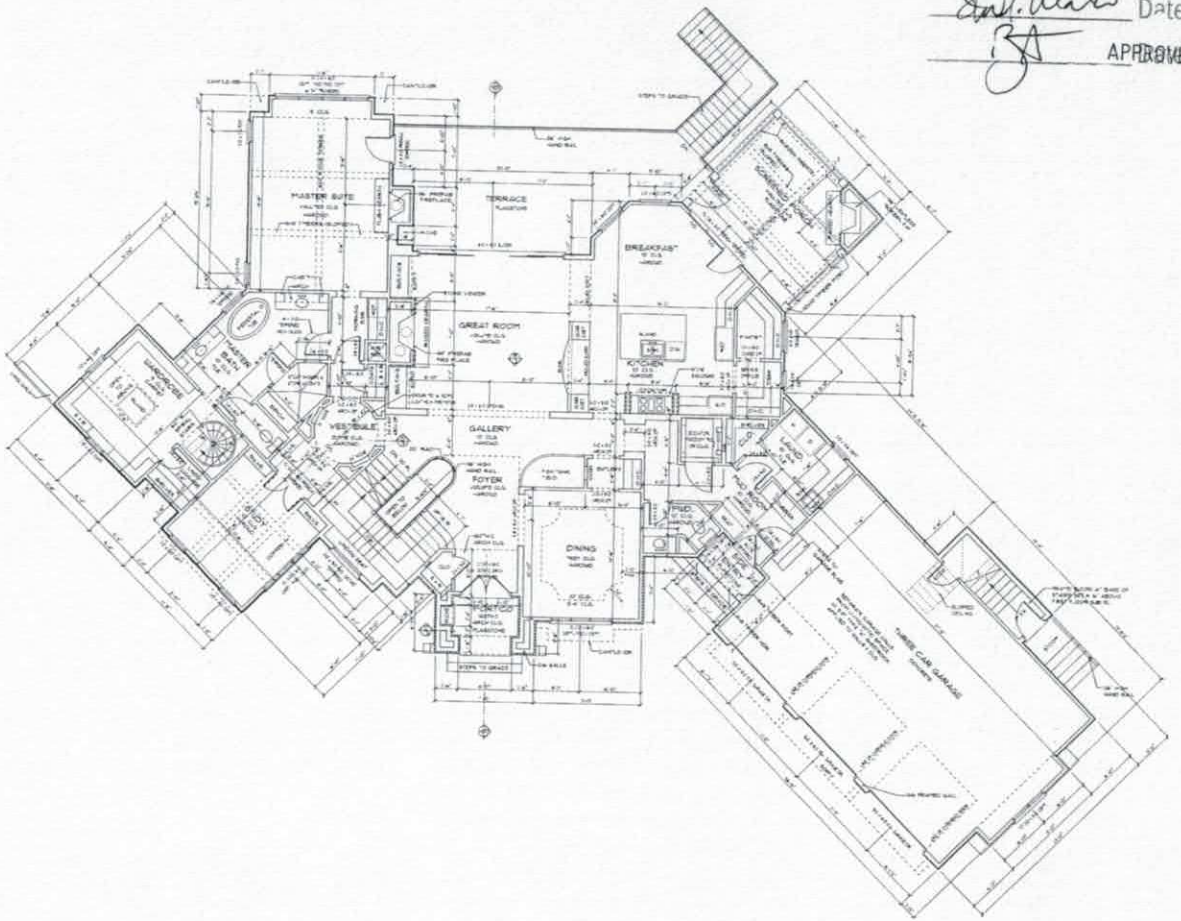
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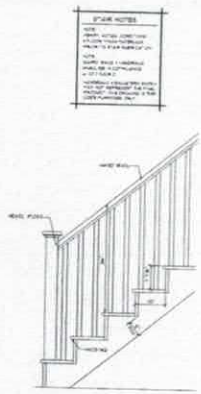
DRAWN BY:
J.J.BARJA/E.LEACH
DATE:
03/10/2015
REVISED:

SHEET 3
OF 17

Acknowledgement Of
Plans Submittal ONLY!
Date 3-18-2015
APPROVED MAR 2 7 2015

Custom Residential Designs
P.O. Box 691286
Mint Hill, NC 28227
tel: 704-545-2928
fax: 704-545-0600





STAIR SECTION

FIRST FLOOR NOTES

SQUARE FOOTAGE:	
FIRST FLOOR HEATED	2910
SECOND FLOOR HEATED	2087
LOWER LEVEL HEATED	2119
HEATED TOTAL	7,116
THREE CAR GARAGE	924
PORTICO	67
SIDE ENTRY	32
SCREENED PORCH	272
STORAGE/MECHANICAL	806
LOWER TERRACE	672
TOTAL UNDER ROOF	9,869

FIRST FLOOR PLAN

G.B. ENGINEERING, PLLC
133 MIDDLETON PLACE
MOORESVILLE, NC 28117
(704) 677-5839
P-1258

PROJECT:

The Marks Residence

LOT 7, NAUTICAL POINT COURT

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DRAWN BY: J.J.BAR/JAY LEACH

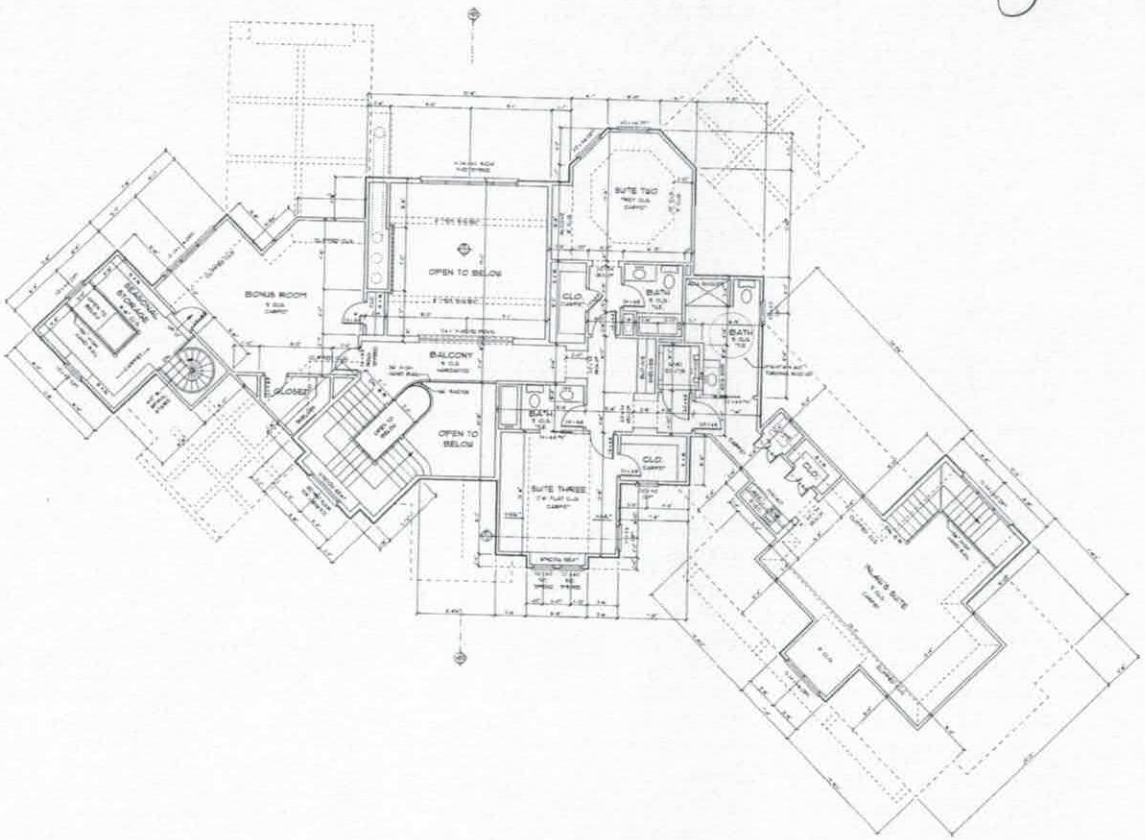
DATE: 03/10/2015

REVISED:

SHEET 5 OF 17

Acknowledgement Of
Plans Submittal ONLY!
Date 3-18-2015
Date
APPROVED MAR 2 7 2015

Custom Residential Designs
P.O. Box 691286
Mint Hill, NC 28227
tel: 704-545-2928
fax: 704-545-0600



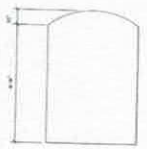
G.B. ENGINEERING, PLLC
133 MIDDLETON PLACE
MOORESVILLE, NC 28117
(704) 677-5339
P-1298

PROJECT:

The Marks Residence

LOT 7, NAUTICAL POINT COURT

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TYP. ARCH OPNG.



SECOND FLOOR NOTES

SECOND FLOOR PLAN

DRAWN BY: J.J./BARJA/E.LEACH
DATE: 03/10/2015
REVISED:

SHEET 7
OF 17

Iredell County
Planning & Enforcement
349 N. Center St. PO Box 788
Statesville, NC 28687
704-878-3113

Zoning Permit

Permit Number: 180455ZO

Printed: 8/12/2013

Master #: 180455

Associated Permits:
180455ZO Zoning

Applicant

Name: Plattner Custom Builders LLC
Address: PO Box 1138
Davidson, NC 28036

Phone: 704-987-2116

Parcel

Parcel Number: 4639452551.000
Address: 112 Nautical Point Ct.
Mooresville, NC 28117
Subdivision: Nautical Point

Zoning: RA
Township: 1500
Area:
Lot(s): 9

Directions to Parcel: PERTH RD TO FERN HILL RIGHT ONTO NAUTICAL POINT ON RIGHT IN CUL-DE-SAC;

Owners

Name: JUSTIN & ERIN MARKS
Address:

Contractors

Contractor Type: Building
Name: Plattner Custom Builders LLC
Address: PO Box 1138
Davidson, NC 28036

Phone: 704-987-2116

5646-32540

Fees and Receipts:

Number	Description	Amount
FEE-293522-07	Zoning - Permit Application	$75.00
FEE-293523-07	Technology Fee - Code Enforcement	$2.25
FEE-293524-07	Environmental Health - Pump - Fast Track- Limited ReLayout	$75.00
		152.25

$ PAID 152.25 Ck#1427

Iredell County
Planning & Enforcement
349 N. Center St. PO Box 788
Statesville, NC 28687
704-878-3113

Zoning Permit

Permit Number: 174044ZO

Printed: 7/25/2012

Master #: 174044

Associated Permits:
174044ZO Zoning

Applicant

Name: S&ME
Address: 3718 OLD BATTEGROUND RD
Greensboro, NC 27410
Phone: 336-288-7180

Parcel

Parcel Number: 4639452589.000
Address: 112 Nautical Point CT
MOORESVILLE, NC 28117
Subdivision: Nautical Point
Directions to Parcel: Fern Hill, right nautical point

Zoning: RR
Township: 1500
Area: 6.82
Lot(s): 7

Owners

Name: JUSTIN & ERIN MARKS
Address:

Contractors

Contractor Type: Building
Name: Plattner Custom Builders LLC
Address: PO Box 1138
Davidson, NC 28036
Phone: 704-987-2116

Fees and Receipts:

Number	Description	Amount
FEE-260846-07	Zoning - Permit Application	$75.00
FEE-260847-07	Technology Fee - Code Enforcement	$2.25
FEE-260848-07	Environmental Health - Gravity - Fast Track	$350.00


FERN HILL RD