Site Address: 148 Rushing Water Ln Trlr.

IREDELL COUNTY HEALTH DEPARTMENT

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

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

PERMIT# 147569 PIN# 4730 35 ~~5824~~ 5829 DATE 2-1-08

OWNER OR APPLICANT R4ON WEST DEVELOPERS PHONE: Business 704 799-8641 Home WYATT 704-361-1085

ADDRESS 127-B Promenade Drive Mooresville NC 28117

LOCATION 21 South (E) Perth (R) State Park (L) Rushing Water Cross Creek on RT

SUBDIVISION TWO CREEKS BLOCK / SECTION -1- LOT 15 ~~15A~~ LOT AREA 1.88 SITE CLASS. PS DESIGN FLOW 480 L.T.A.R. .3

Septic Tank: 1000 Gallons: STB 1007 Date 4-11-07
Pump Tank: 1000 Gallons: PT 274 Date 9-27-07
Pump Make: Zoeller Model N-267 Serial No.
Nitrification Field: No Fields 1 Square Feet 600-1400' Linear Feet 270'
No Lines 3x90' Trench Width 24" Max Trench Bottom Depth 36"

☒ New System ☐ Repair ☐ Expansion System Type: I II III (IV) V VI
System Description: Low Pressure 50% Reserve
Repair System Description: None
Maintenance Agreement Required: ☒ Yes ☐ No

☒ House/Mod. Home No. Bedrooms 4
☐ Mobile Home No. Persons 8
☐ Business No. Employees
☐ Other

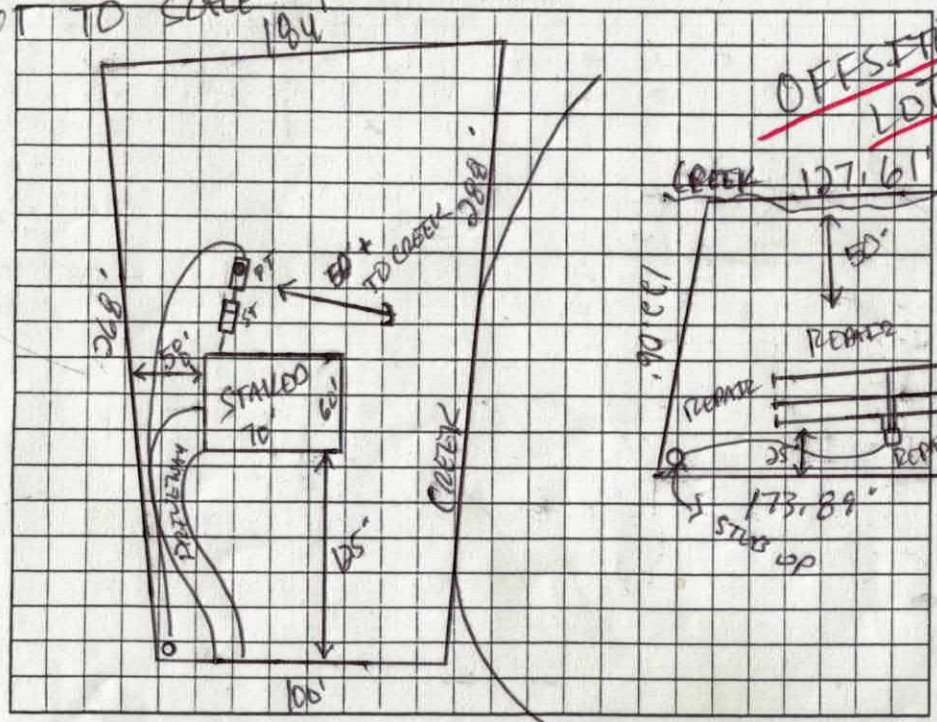
Water Supply: ☐ Individual ☒ Public ☐ Community

Gravel Depth N/A ☐ Gravity ☒ Pressure ☐ Slab ☒ Crawl Space ☐ Basement w/plumbing ☐ Basement wo/plumbing

Comments/Conditions: (1) Supply Lines installed by developer B4 Permits were issued (2) Install lines on contours & maintain SETBACKS (3) Install Central Valve Box with tee in middle with turnups on each end. (4) Initial & Repair

INITIAL SITE SKETCH

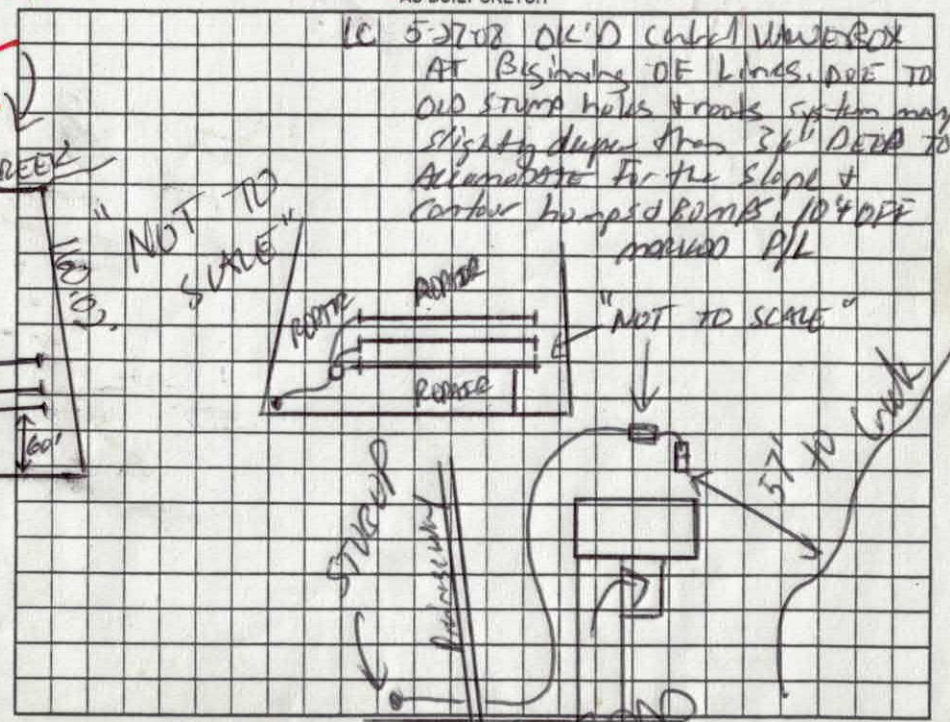
"NOT TO SCALE"



Comments/Conditions: Lines Are Completely FLAGGED OUT (5) OFF SITE Hill will need to be stabilized after installation.

Offsite septic on part of lot #1 - PIN # 4730-44-4961.15A

AS BUILT SKETCH



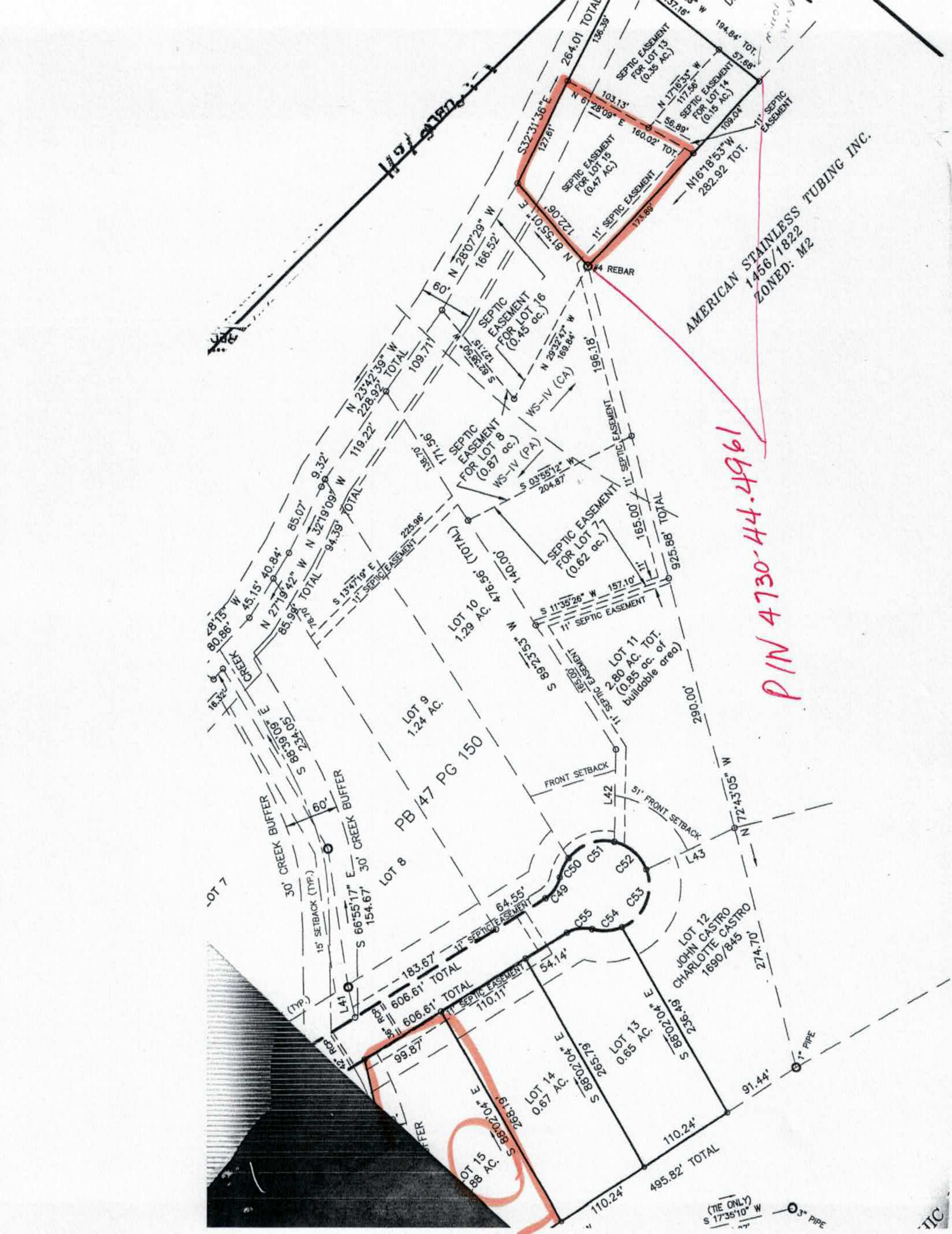
Permit can be suspended or revoked if any false information is supplied toward securing the permit/any unauthorized changes are made to the site/any unauthorized changes are made in the installation of the system. Improvement Permit with plat valid without expiration ☐ Improvement Permit with site plan valid for sixty months ☒ Authorization to Construct is valid for a period equal to that of Improvement Permit – not to exceed sixty months.

Signed: _____ date 2/4/08 Installed by: WAYNE CLONT

Improvement Permit by: _____ date 2-1-08 Operation Permit by: _____ date 5-22-08

Authorization to Construct by: _____ date 2-1-08 Existing System Inspection by: _____ date _____

HEALTH DEPT. COPY: WHITE OWNER COPY (FINAL): YELLOW OWNER COPY (INITIAL): PINK


AMERICAN STAINLESS TUBING INC.
1456/1822
ZONED: M2
PIN 4730-44-4961
#4 REBAR
SEPTIC EASEMENT FOR LOT 15 (0.47 AC.)
SEPTIC EASEMENT FOR LOT 14 (0.15 AC.)
SEPTIC EASEMENT FOR LOT 13 (0.35 AC.)
11' SEPTIC EASEMENT
S32°31'36"E
N 61°55'01" E
122.06'
N16°18'53"W
282.92 TOT.
160.02' TOT.
N 17°16'33" W
264.01 TOTAL
SEPTIC EASEMENT FOR LOT 16 (0.45 ac.)
SEPTIC EASEMENT FOR LOT 8 (0.87 ac.)
SEPTIC EASEMENT FOR LOT 7 (0.62 ac.)
WS-IV (CA)
WS-IV (PA)
N 28°07'29" W
166.52'
N 23°42'39" W
228.92' TOTAL
109.71'
119.22'
N 29°32'47" W
169.84'
196.18'
S 03°55'12" W
204.87'
N 32°19'09" W
94.39' TOTAL
N 27°19'42" W
85.96' TOTAL
CREEK
LOT 10
1.29 AC.
476.56' (TOTAL)
140.00'
S 89°23'53" W
LOT 11
2.80 AC. TOT.
(0.85 ac. of buildable area)
290.00'
925.88' TOTAL
165.00'
S 11°35'26" W
157.10'
LOT 9
1.24 AC.
PB 47 PG 150
LOT 8
LOT 7
S 88°39'09" E
234.05'
30' CREEK BUFFER
15' SETBACK (TYP.)
S 66°55'17" E
154.67'
FRONT SETBACK
51' FRONT SETBACK
N 72°43'05" W
L41
L42
L43
C49
C50
C51
C52
C53
C54
C55
64.55'
183.67'
606.61' TOTAL
110.11'
54.14'
LOT 12
JOHN CASTRO
CHARLOTTE CASTRO
1690/845
274.70'
LOT 13
0.65 AC.
S 88°02'04" E
236.49'
LOT 14
0.67 AC.
265.79'
LOT 15
.88 AC.
268.19'
99.87'
110.24'
495.82' TOTAL
91.44'
1" PIPE
3" PIPE
(TIE ONLY)
S 17°35'10" W

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

147869
4730 35 5829

OWNER: RYAN WEST
ADDRESS: 137-B Promenade [illegible] MOORESVILLE NC 28117
PROPOSED FACILITY: 4BEDR
PROPOSED DESIGN FLOW (.1949): 480
LOCATION OF SITE: TWIN LAKES

APPLICATION DATE: 12/19/07
DATE EVALUATED: 1/24/08
PROPERTY SIZE: 1.88 +OR- ACRES
PROPERTY RECORDED: YES

WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	27%/0	0-6	SCL WK GR	FRI SAP NP		42"			PS .3
		6-26"	CMOD SBK	FR SP SS					
		26-42"	CL WK SBK	FR SS SP SS					
		42-70"	LOAMY SAP WK GR	FR SAP NP SS					
2	27%/0	0-6	SCL WK GR	FR SAP NP		60"			PS .3
		6-60"	CMOD SBK	FR SP SS					
		60-72"	LOAMY SAP	FR SAP NP SS					
3	27%/0	0-6	SCL WK GR	FRI SAP NP		36"			PS .3
		6-36	CMOD SBK	FR SS SP SS					
		36-70	LOAMY SAP WK GR	FR SAP NP SS					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	YES
System Type(s)	LPP 50%/1	LPP 50%/1
Site LTAR	.3	.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: L. LODIC
OTHER(S) PRESENT: D. LUNTZ / GOODMAN

COMMENTS: _____

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05
		O (Organic)	None	None

MINERALOGY/ CONSISTENCE	STRUCTURE
NEXP (Non-expansive) SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)

MOIST	WET
VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky) EFI (Extremely Firm)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

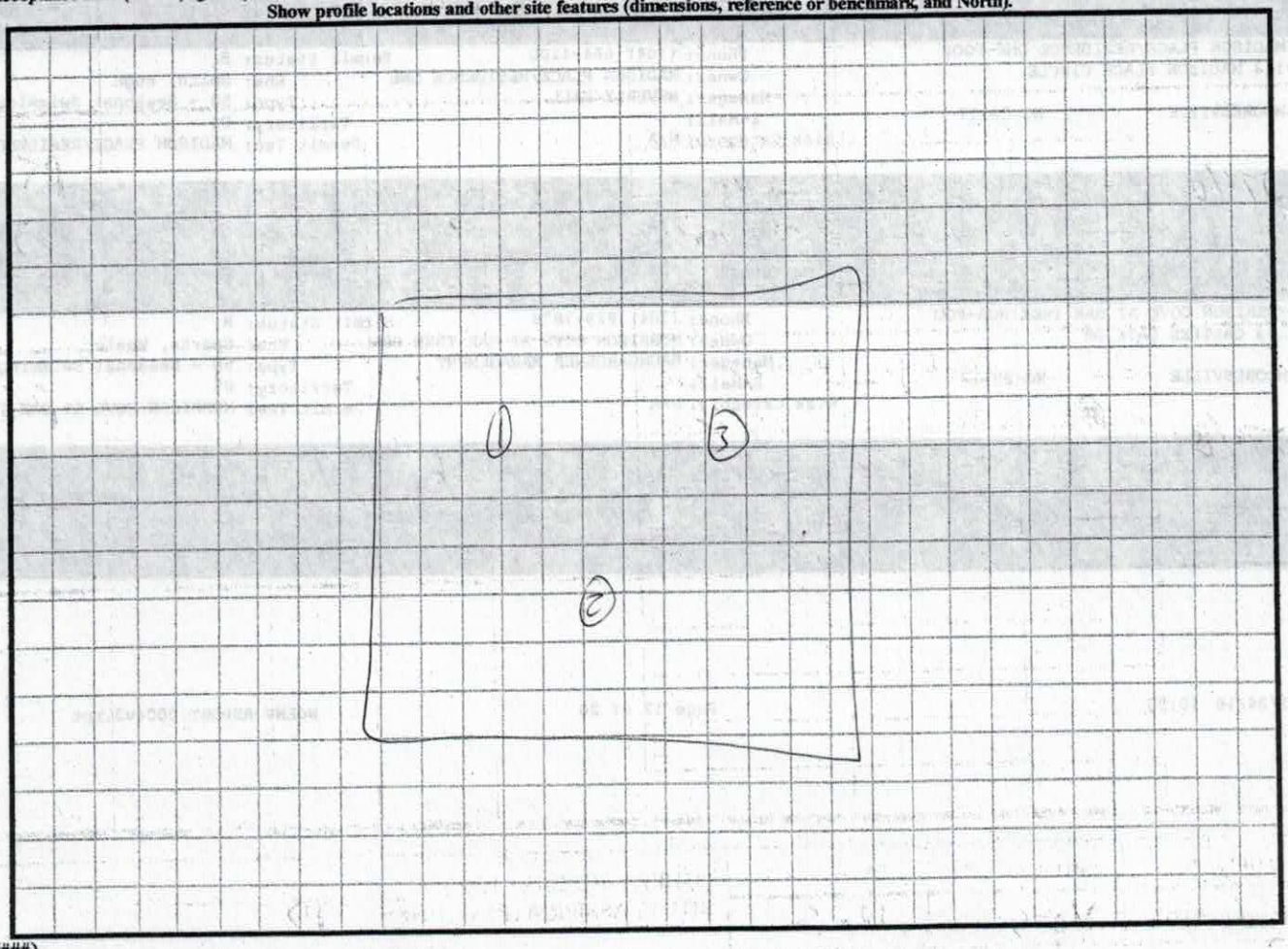
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

Show profile locations and other site features (dimensions, reference or benchmark, and North).



DENR (######)
Review (#####)

IREDELL COUNTY HEALTH DEPARTMENT

Application For Improvement Permit and/or Authorization To Construct, Existing System Inspection

(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)

1. APPLICATION FOR: ___ Improvement Permit ✓ Authorization To Construct ___BOTH ___Existing System Inspection

2. Page 2: *Site Plan Worksheet* Form MUST Accompany This Application
   The following optional attachments may also be submitted: ___ Survey Plat, Scaled no more than 1 Inch = 60 Feet
   Place check ( ) beside whichever is submitted if applicable ✓ Custom Site Plan, Scaled no more than 1 Inch = 60 Feet

3. **Applicant Information:**

Applicant Name	Mailing Address	Home Phone	Work Phone
Ryon/West Defelpers	127 B Promenade Dr Mooresville NC 28117	704 799-8641	CELL 704 361-1085 Wyatt
SAME			
Owner Name	Mailing Address	Home Phone	Work Phone

4. **Property Information:**

148 Rushing Water Lane — Street Address
Twin Creeks — Subdivision Name
Lot #15 — Section/Phase and Lot Number

Driving Directions: Perth Rd Right on State Park Road Left on Rushing Water Lot 15 on Right

****

5. **RESIDENTIAL Site Development Information:** *(Check or Complete ALL that apply)*

(✓) New, Single Family Residence
( ) New, Multi-Family Residence
( ) Expansion of Existing Septic System
( ) Repair To Failing Septic System

Maximum Number of Bedrooms 4
Maximum Number of Occupants 8
If Expansion, Current Number of Bedrooms ___

(✓) Crawl Space Foundation?
( ) Concrete Slab Foundation?
( ) Basement w/Plumbing?
( ) Basement w/out Plumbing?

IF Non- Residential Site Development:
Type of Business _____
Square Footage of Building _____
Maximum Number of Employees _____
Maximum Number of Seats _____

****

6. **Proposed Water Supply:**

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

****

7. **Desired Septic System Type:** *(You may rank in order of preference, if any)*

( ) Alternative (✓) Conventional ( ) Innovative (✓) Modified Conventional ( ) Other_____ ( ) No Preference

****

8. **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. industry) 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.

9. Signature: Wyatt West — 1/5/08

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

IREDELL COUNTY HEATLH DEPARTMENT

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…**
  SHOW: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site
- ____ **Front and side setbacks from property line…**
- ____ **Preferred driveway location and configuration, preferred 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:

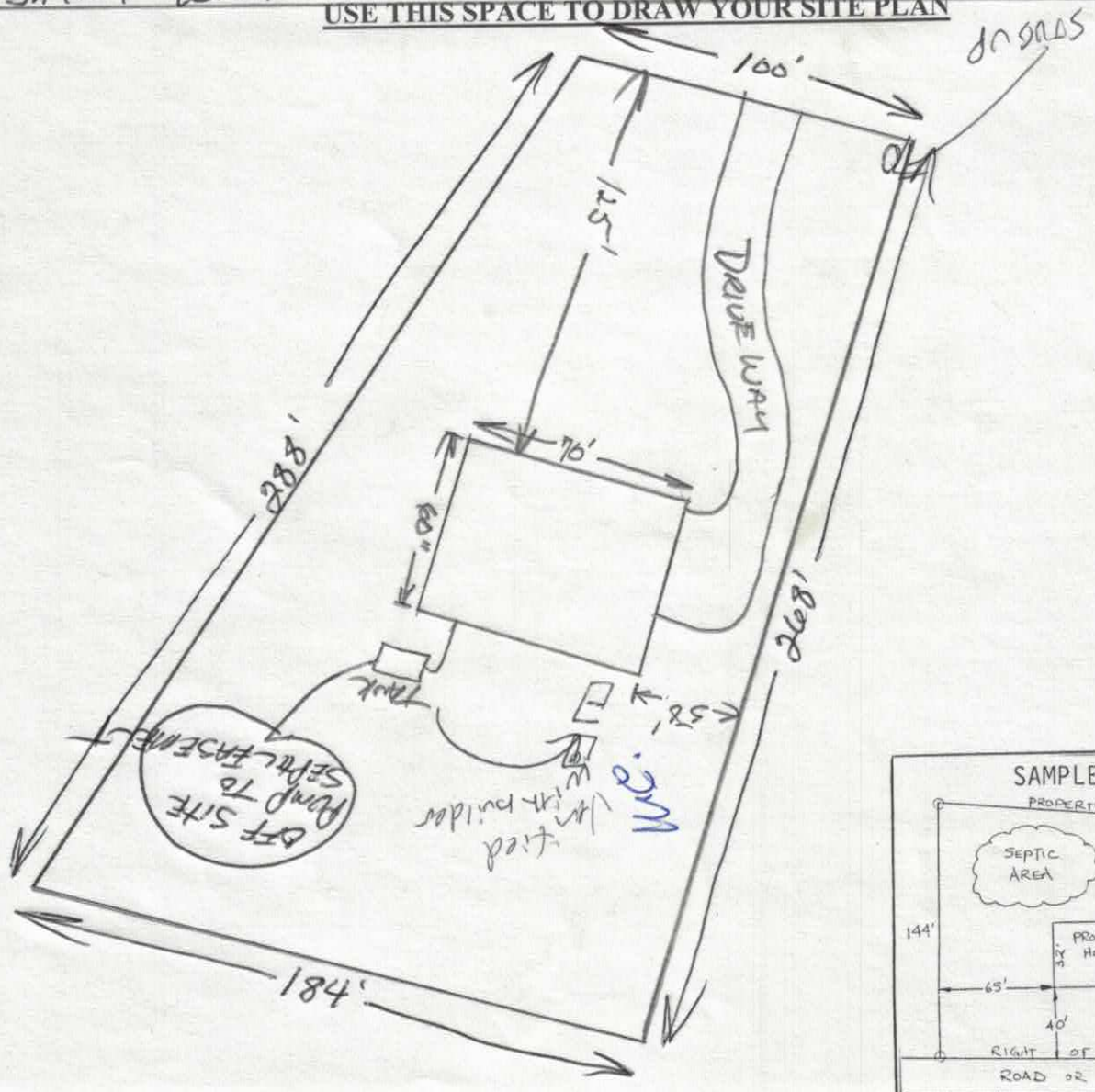
- ____ **Location of septic systems and wells within 100' of your property… N/A**
- ____ **Location of easements and rights of ways on your property… N/A**
- ____ **Location of any designated wetlands on the property… N/A**

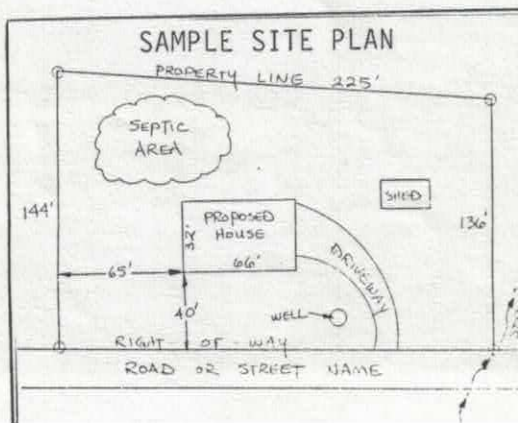
Signature: _____
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

1/5/08
DATE

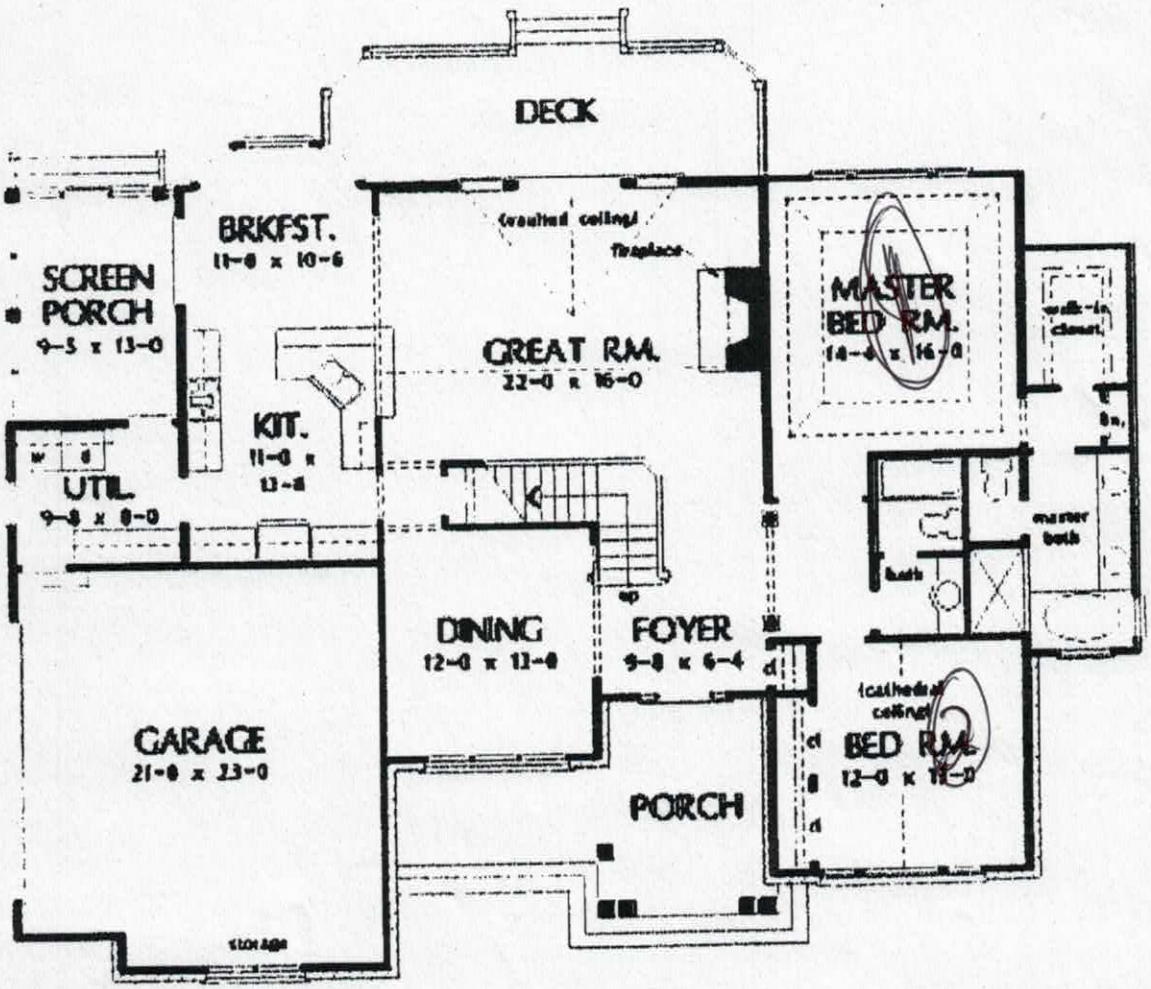
RUSHING WATER

USE THIS SPACE TO DRAW YOUR SITE PLAN





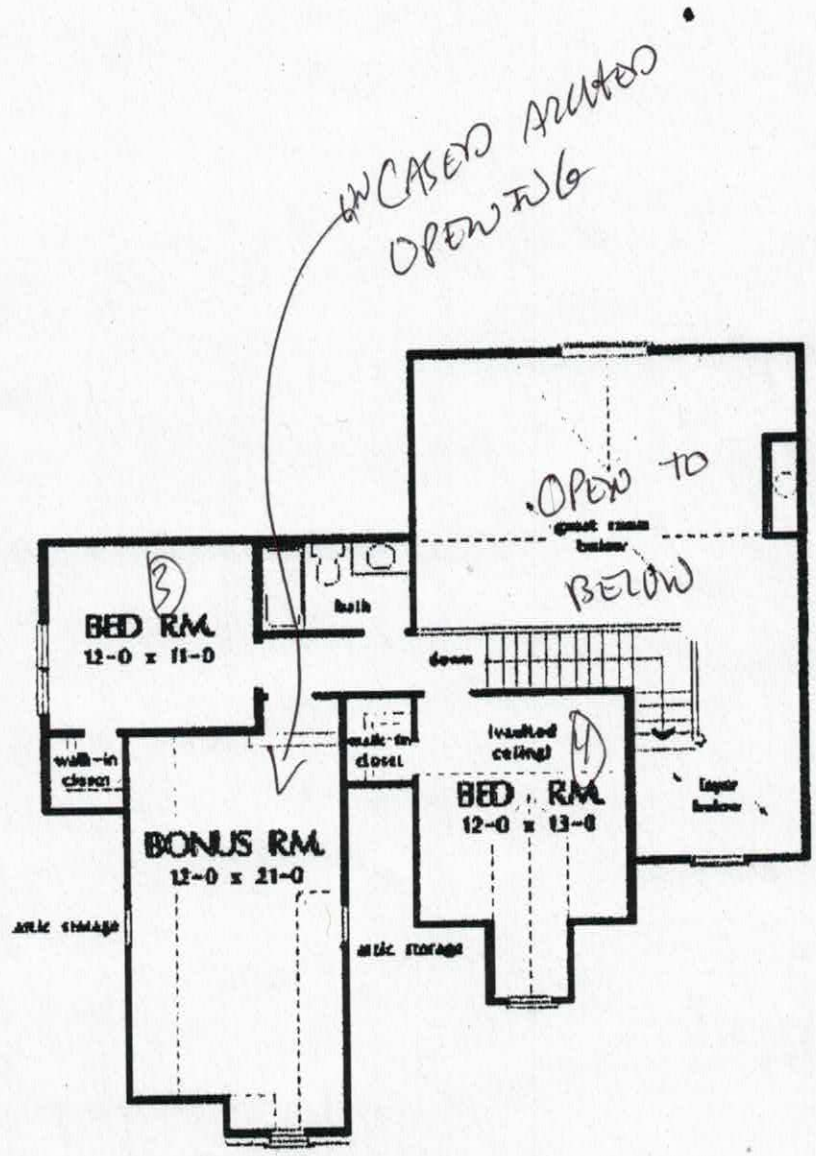
Acknowledgement Of
Plans Submittal ONLY!
Date 2-1-08
Date 2/4/08



FIRST FLOOR PLAN

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PLAN NO. 887



SECOND FLOOR PLAN

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PLAN NO. 887

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

Monday these PLANS will be 5

Zoning Permit
Permit Number: 147569ZO

Printed: 12/19/2007

Master #: 147569

Associated Permits:
147569ZO Zoning

Applicant
Name: Ryon-West Developers, LLC
Address: 127- B Promenade Drive
Mooresville, NC 28117

Phone: 704-799-8641
WYATT 704-361-1075
12-19-07

Parcel
Parcel Number: 4730355829.000
Address: 148 RUSHING WATER LN
TROUTMAN, NC 28166
Subdivision: Twin Creeks
Zoning: RA
Township: 1500
Area: .88
Lot(s): 15
Directions to Parcel: PERTH RD S, RIGHT STATE PARK, LEFT RUSHING WATER AFTER TWIN CREEKS DR

Owners
Name: RYON-WEST DEVELOPERS LLC
Address: 215 CRYSTAL CIRCLE
MOORESVILLE, NC 281150000

Contractors
Contractor Type: Building
Name: Ryon-West Developers, LLC
Address: 127- B Promenade Drive
Mooresville, NC 28117
Phone: 704-799-8641

Fees and Receipts:

Number	Description	Amount
FEE-165860-07	Zoning - Permit / Inspection	$45.00
FEE-165861-07	Environmental Health - Type I or II System	$400.00
	Total Fees:	**$445.00**