IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # Z10409

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

PIN # 4626-01-5438

APPLICANT: PLATTNER CUSTOM HOMES APPLICANT ADDRESS: PO BOX 2603 DAVIDSON, NC 28036

SITE ADDRESS: 128 LARKHAVEN ~~DR~~ LN - Mrsvl. PHONE: 704-363-6005 ALT. PHONE:

SITE DIRECTIONS: BSR, TR CHUCKWOOD, TL BARBER LOOP, TR LARKHAVEN, ON L

SUBDIVISION: CLET SECTION: 7 LOT # 69 LOT AREA: .8AC DESIGN FLOW: 600 L.T.A.R.: .3

Septic Tank	1500	(gal)	STB#	969	Date	10-8-16	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms	5	Water Supply	
Pump Tank	1500	(gal)	Short	389	Date	3-28-16	System Description:	LP- PANEL BLOCK			☐ Business	No. Persons		☒ Private	
Pump Make	Gould	Model	WE0511HHU		Serial #		Repair System Description:	TSII PANEL BLOCK			☐ Other	No. Employees		☐ Public	
# Nitrification Fields	1	# Lines	7		Linear Ft:	334'	Maintenance Agreement Required:	☒ YES	☐ NO		☒ Slab	☐ Crawl Space		☐ Community	
Trench Width	24"	Max. Trench Bottom Depth	36"		Gravel Depth	—		☐ GRAVITY	☒ PRESSURE		☒ Basement w/plumbing		☐ Basement w/o plumbing		

Comments / Conditions: Red filter

Supply line buried >30" all sleeve sch80

1/19/17 Checked tanks, lines & set 2# pressure

INITIAL SITE SKETCH

SEE PLAN FROM PENNINGER SOIL CONSULTING PLLC.

AS BUILT SKETCH

GOULDS WATER TECHNOLOGY

WE0511HHU
SUBMERSIBLE PUMP
1/2HP 1/60/115 3.87" 14.5MA

	Date	Initials
Drain Lines Checked	1/19/17	MD
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		MD
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Y / N		

Well head ok

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.*

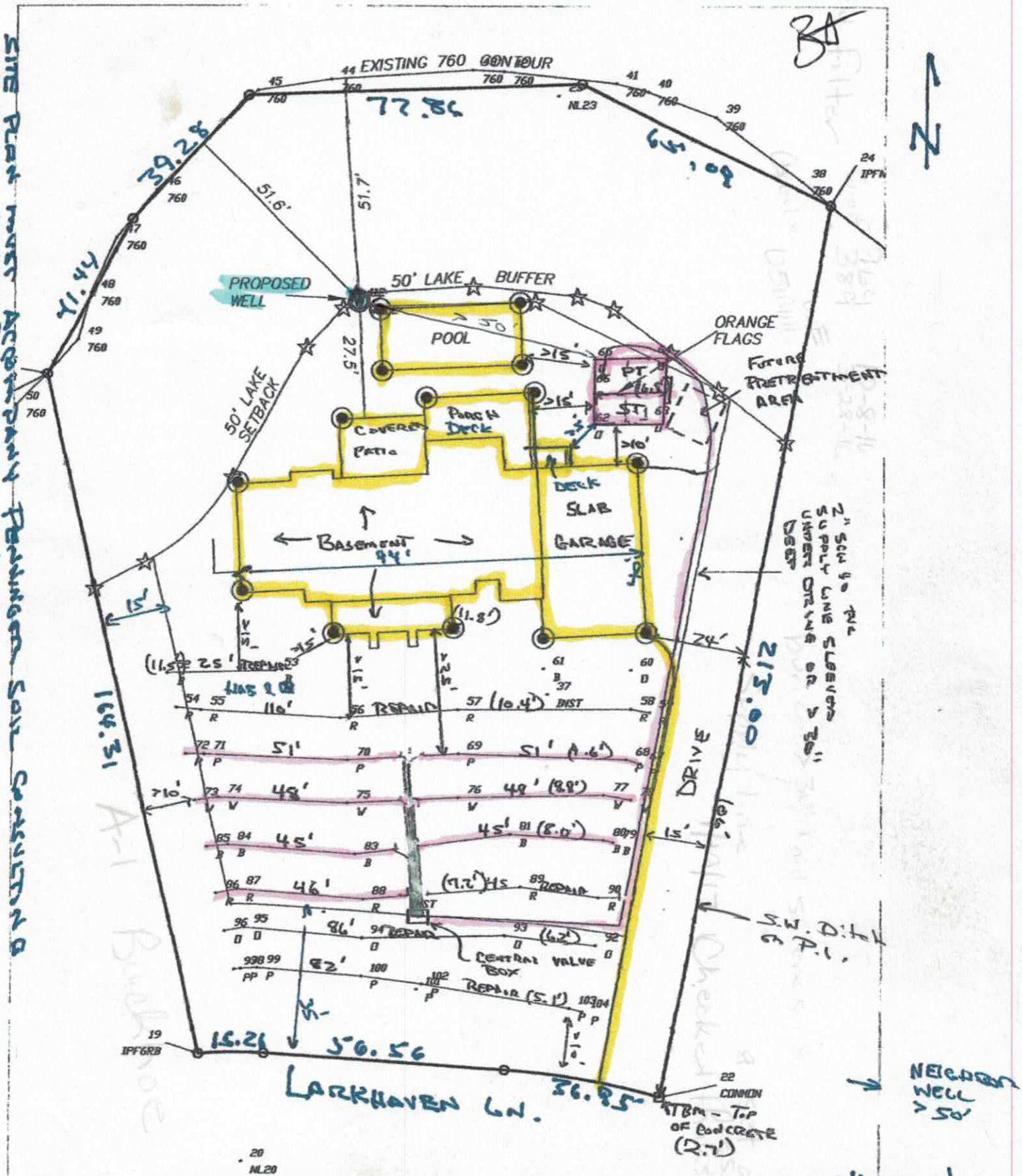
Owner / Applicant Signature: Andrea Tarleton Date: Jan. 27, 16 Installed by: Art Backhoe

IMPROVEMENT PERMIT by: APPROVED Date: JAN 26 2016 OPERATION PERMIT by: Maria Dotson Date: 2/6/17

AUTHORIZATION TO CONSTRUCT by: APPROVED Date: JAN 26 2016 Existing System Inspected by: Date:

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

APPROVED JAN 2 6 2016



SITE PLAN MAP ACCOMPANY PERMIT SOIL EVALUATION REPORT DATED 1-11-16.

128 LARKHAVEN SEPTIC SITE PLAN 1" = 30'

*BASE MAP FROM Phillip Harris - HARRIS LAND SURVEYING

Penninger Soil Consulting, PLLC
Ph: 704-996-6330 Email: pgpenninger@gmail.com

January 14, 2016

Plattner Custom Builders, LLC
PO Box 2603
Davidson, North Carolina 28036

Attention: Mr. Karl Plattner

Reference: **Technical Assistance with Expedited Review Septic Permitting**
CL&T Lot 69 Section 7
128 Larkhaven Lane
Iredell County, North Carolina
Project No. 16-100

Dear Mr. Plattner:

Penninger Soil Consulting, PLLC has provided technical assistance to obtain a possible new, 5-bedroom septic Construction Authorization Permit from the Iredell County Health Department (ICHD) for the referenced lot. The technical assistance was performed in general accordance with our written proposal dated January 3, 2016.

The waterfront lot located off Larkhaven Lane has an existing 5-bedroom Improvement Permit that was issued by the ICHD on July 7, 2015. This permit is still valid. You indicated that because the house pad shifted slightly, the ICHD is requiring an Intermediate Relayout for the Construction Authorization. You contacted Penninger Soil Consulting PLLC to assist you with this Expedited Review Construction Authorization submittal. Your surveyor staked the proposed house pad and the lot lines for the permitting and also located the proposed septic lines on the attached site plan.

Mr. Paul Penninger visited the lot on December 28, 2015 to flag the proposed T&J Panel system and repair area in the proposed septic area as shown on the attached site plan. The proposed house and septic area are in similar locations as shown in the 2015 Improvement Permit and the proposed system and repair utilize the 0.3 gpd/sqft LTAR in existing Improvement Permit. The five foot property line setback from the road shown on the existing permit should be 10 feet for a five bedroom home. TS-II pretreatment is specified for the 100 percent repair area so that a 15 ft. setback can be utilized to the basement foundation drain. The primary system shall maintain a 25 ft. setback to the basement foundation drain.

Once the septic area is permitted, it should be fenced off for protection during home construction. Access to the lot should only be by the proposed drive. There shall not be

cuts of 2 feet or greater within 15 feet of any part of the permitted septic system. As the site plan shows, there is limited area for the proposed well site.

The attached information is not an Improvement Permit or Construction Authorization, and is only to assist you with the Expedited Review site evaluation. The attached plan is not intended to be a Professional Engineer plan. The ICHD must approve each lot and only the ICHD can issue these permits. The ICHD should verify all soils and system specifications, required setbacks, and whether a professional engineer plan is required before permitting and/or septic system installation. Soil evaluations and system layouts are done based on interpretations of the rules governing wastewater treatment and disposal systems and are not guarantees for site approval or future septic system performance.

If you have any questions or require additional information please contact us at your convenience.

Sincerely,

Penninger Soil Consulting, PLLC



Paul G. Penninger, L.S.S.
Soil Scientist

Attachments:

1. ICHD Construction Authorization Permit Application
2. Site Plan and System Specifications
3. Existing 2015 ICHD Improvement Permit

C:\Users\Paul G. Penninger\Documents\2016 Projects\16-100 Karl Plattner - Larkhaven\16-100 Plattner - Larkhaven Fast Track Summary Letter.doc

APPROVED JAN 2 6 2016

Plattner Custom Builders - 128 Larkhaven Expedited Review Proposal (pg 1 of 2)

January 14, 2016

Number of Bedrooms	5
Basement or Crawl	**basement/slab garage**
Design Flow (gpd)	600
LTAR (gpd/ft2)	0.3 per ex. IP
Primary System Type	**LP PPBPS - T&J Panel Block**
No. Lines	7 (see attached site plan)
Total Linear Feet	334 ft.
Trench Width	2' min. per ex. IP
Trench Spacing	8' min.
Trench Depth	36 inch max per ex. IP
Pump Required	Yes
Distribution Device	Gate Valve Box w/ LPP Distribution
Maintenance Agreement Required	Yes
Length and Diameter of Supply Pipe	approx. 200' of 2" SCH 40 PVC
Size of laterals	1 1/4" SCH 40 PVC
Flow Rate through the system	38 gpm
Elevation head	approx. 20'
Pressure head	3.0'
Friction head	approx. 6.9'
20% Contingency	6'
Total Head	35.9'
Pump Requirements	38 gpm @ 35.9' of head (To be verified by installer and ICHD after final tank placement)
Maximum Dosing Volume	273.6 gallons max*
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. 7.2 min.
Check Valve	yes
Siphon Break hole	no
Repair System -	**LP PPBPS - T&J Panel Block with TS-II Pretreatment**
Total Linear Feet	348' shown - 334' required
Repair LTAR (gpd/sqft)	0.3 per ex. IP with 36 in. max. trench depth

***Before placement of cap block, one panel on each line near the center of the field should be observed filling to make certain that it does not overflow top chamber into air chambers of panel. If overflow occurs, reduce floats by 25 gallons and reset until no overflow is observed.**

APPROVED JAN 2 6 2016

Plattner Custom Builders - 128 Larkhaven Expedited Review Proposal (pg 2 of 2)
January 14, 2016

Summary of Primary T&J Panel System Lines

Line No.	Use	Line Color	System Type	Line Length (Ft.)	Rod Reading (Ft.)	Panels	Holes	Hole Spacing	Hole Size (In.)
1	Repair	pink	LPPPBPS	82	5.1				
2	Repair	orange	LPPPBPS	86	6.2				
3	Repair	red	LPPPBPS	45	7.2				
4	System	red	LPPPBPS	46	7.2	10	10	1 per panel	5/32"
5	System	blue	LPPPBPS	45	8.0	10	10	1 per panel	5/32"
6	System	blue	LPPPBPS	45	8.0	10	10	1 per panel	5/32"
7	System	white	LPPPBPS	48	8.8	11	11	1 per panel	5/32"
8	System	white	LPPPBPS	48	8.8	11	11	1 per panel	5/32"
9	System	pink	LPPPBPS	51	9.6	12	12	1 per panel	5/32"
10	System	pink	LPPPBPS	51	9.6	12	12	1 per panel	5/32"
11	Repair	red	LPPPBPS	110	10.4				
12	Repair	blue	LPPPBPS	25	11.5				
				Total System: 334'		Total: 76	Total:76 (1 in each panel)		

Tank		1500 gal (2 compartment)	
Pump Tank		1500 gal. - per ex. IP	16.8
House		Front Right at Porch	11.8
TBM		Top of concrete at right corner	2.7

Note: Installer and ICHD shall verify all line locations, tank locations, and elevations prior to installation.
^System is to be installed according to any other ICHD and T&J Panel requirements or policies.
^These specifications are to satisfy the ICHD Expedited Review Checklist and are not intended to represent an Engineered System Design.
^On similar systems the ICHD has requested the central valve box be located on the upper drainfield line.
^System proposal information must accompany Penninger Soil Consulting, PLLC written report dated 1/14/16.

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

APPROVED JAN 2 6 2016

Sheet 1 of 1
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

OWNER: Chris Rymbrandt
ADDRESS: 128 Larkhaven
PROPOSED FACILITY: SFD
LOCATION OF SITE: 128 Larkhaven Ct. Lot 69
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
PROPOSED DESIGN FLOW (.1949): 600
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed
APPLICATION DATE: 1-8-16
DATE EVALUATED: 1-11-16
PROPERTY SIZE:
PROPERTY RECORDED: yes

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	C ≤10	0-7	MSBk/sd	fr SS/S	ls				PS .3
		7-40	mSBk/C	fr SS/S	red				
		40-48	mSBk - C/cl	fr SS/S	SS/SC	rd			
					0	48	0	0	
2	E	Soil	Permitted		e 0.3	Soil/Saprolite			
3		LTAR	as	2015	ICHD	Permit.			
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	T+J	T+J
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: PGD
OTHER(S) PRESENT: must be approved by ICHD

COMMENTS: per IP PSR & IP.

Updated February 2014

For Future Repair

AX25RT Treatment System - Pump Discharge

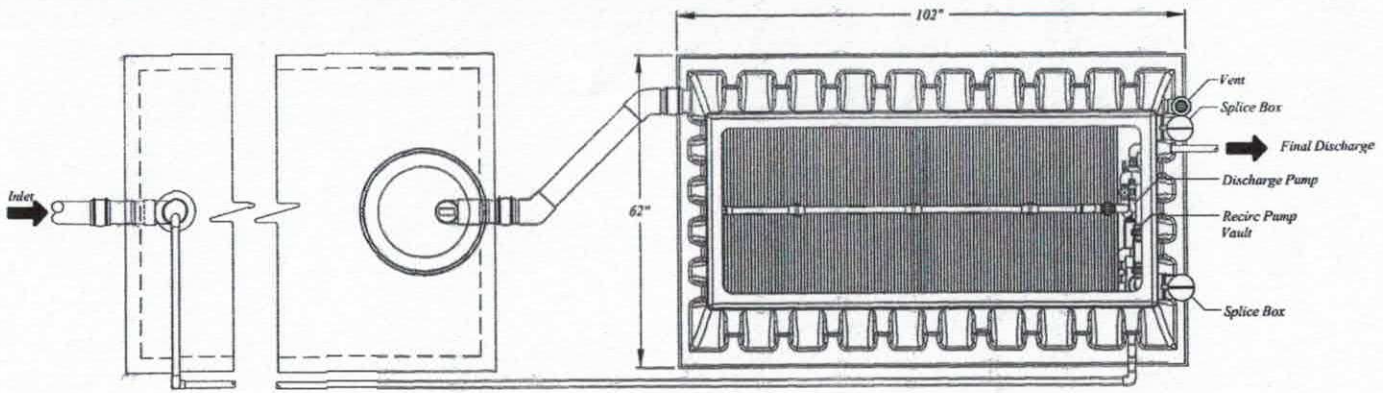
Filter Tank Dry Weight: 950 lbs

Design Notes

For residential strength waste up to 6 bedrooms.

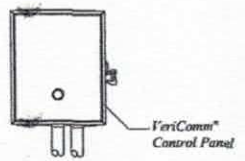
Installation to be performed by an AdvanTex Authorized Installer only.

Start-up and service to be performed by an AdvanTex Authorized Service Provider only.

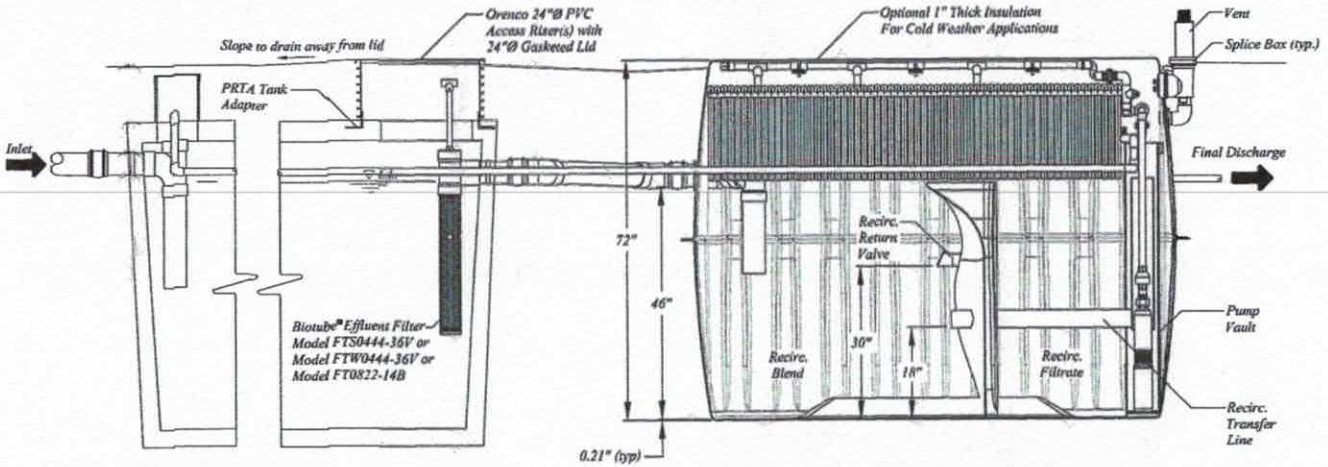


* *Primary Tank - Top View*

AX25 800 gal. Recirc. Tank - Top View

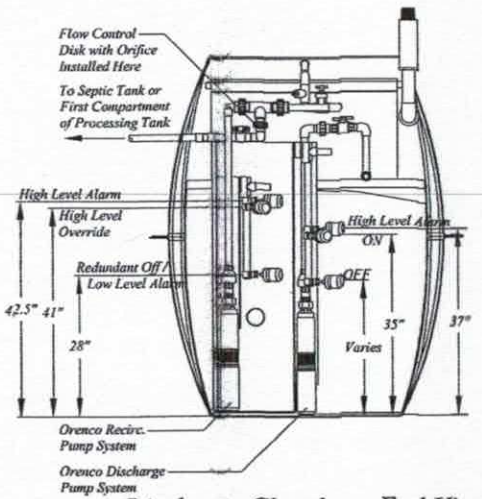


Control Panel Detail
Not To Scale



* *Primary Tank - Side View*

AX25 800 gal. Recirc. Tank - Side View



Discharge Chamber - End View

* *1,250 Gallons minimum capacity for 5 bedrooms*
1,500 Gallons minimum capacity for 6 bedrooms.

Copyright © 2013
Orenco Systems®, Inc.

UNAUTHORIZED CHANGES & USES

Orenco has prepared these drawings for use by the design engineer. Orenco will not be responsible or liable for unauthorized changes to or uses of these drawings. All changes to these drawings must be made in writing and must be approved by the design engineer.

PRODUCT CONFIGURATION DRAWINGS

Orenco Systems® Incorporated
Changing the Way the World Does Wastewater®

Drawn By: BEN SMITH	Project: AX25RT Mode 3B	Scale: 1" = 2'-0"	
Drawn For:		Sheet: 1 OF 1	
	Title: NDW-ATX-RT-STD-25	Rev: A-02	Date: 4/22/2013

Paul Penninger
to Benjamin Aldridge
cc 'Karl Plattner'

Sat, Feb 27 8:35 AM

128 Larkhaven

3 files attached ^ Save all





Ben,

Per our conversation yesterday, the basement elevation at 128 Larkhaven is lower than you and I anticipated based on the ground surface elevations we observed during our site visit. The builder lowered the basement below the original ground surface at the downslope edge of the basement and gravity flow cannot be achieved easily to the tank locations.

I met the builder yesterday and he wants to gravity flow the first and second floor living areas to the septic tank and use an ejector pump for the basement plumbing. You indicated that this was OK yesterday and you would note this in your file.

Attached area photos of the site from 2/26/16. The tanks should be 15 ft. from the foundation for the retaining wall/deck shown in photos as permitted. The builder plans on pouring the foundation walls toward the middle of next week. Please call if you have any questions.

Karl,

Make sure you protect the permitted drainfield area from construction traffic and any soil compaction. As you know, the layout was extremely "tight". There should not be any foundation drain within 15 ft. of the tanks at a sideslope landscape position.

Paul

Penninger Soil Consulting, PLLC
pgpenninger@gmail.com
704.996.6330

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 2
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

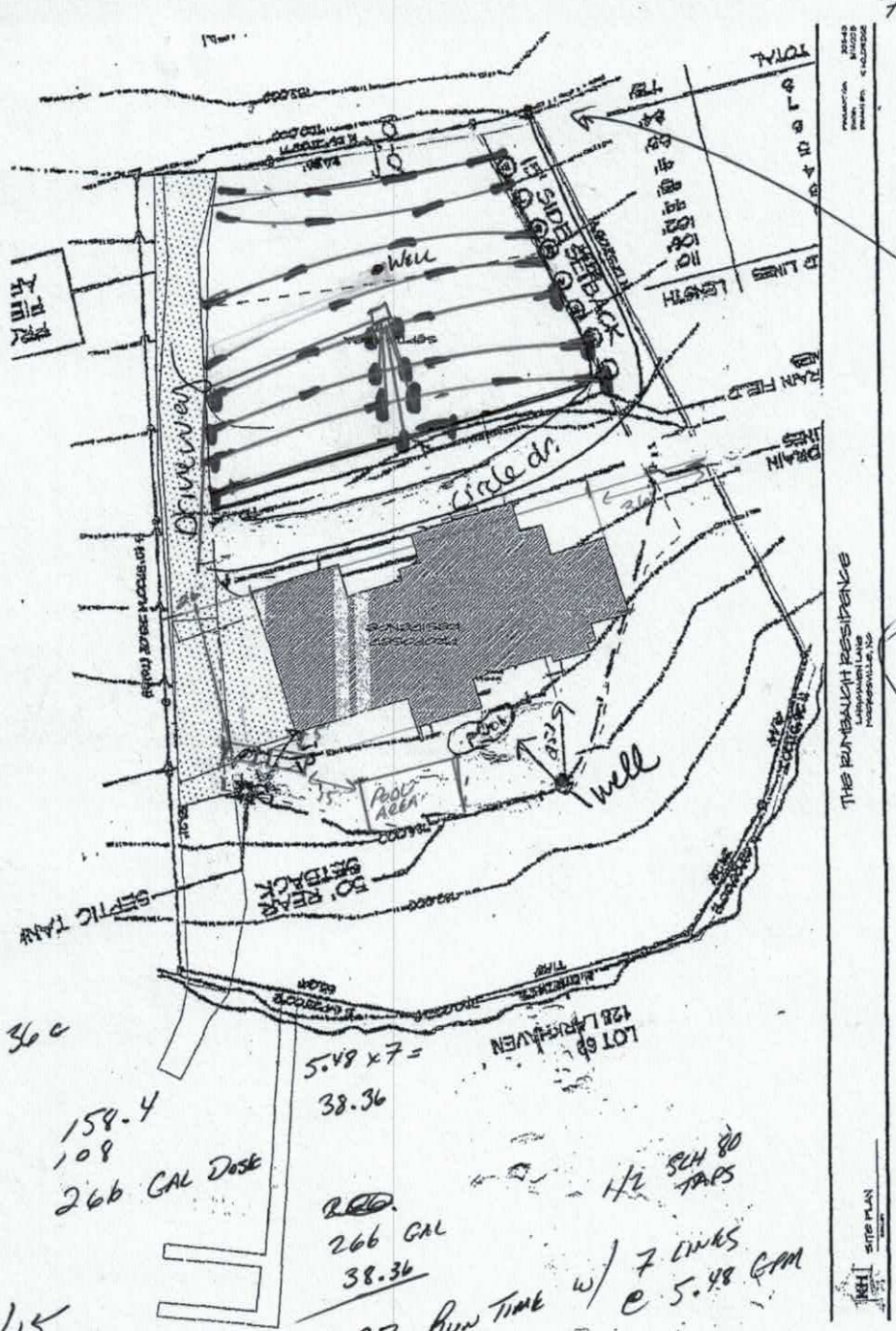
OWNER: RUL PLOURFIELD
ADDRESS:
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 600 GPD
LOCATION OF SITE: 128 LOOKHAVEN LN. MOORESVILLE NC
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
APPLICATION DATE
DATE EVALUATED: 6/25/15
PROPERTY SIZE:
PROPERTY RECORDED:
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
A 1	LL 5%	0-32	RC, 1BK/ABK	FR, SS, SP	N/A	48"	N C SAP INCL. 36-48"	N/A	.3
		32-48	RCL 5BK	FR, SS, SP					
A 2	LL 5%	0-8	BSL GR	VFR, SS, SP	N/A	48"	N/A	N/A	.35
		8-24	RC, 5BK	FR, SS, SP					
		24-49	RCL, 5BK/WBK	VFR, SS, SP					
A 3	LL 10%	0-8	BSCL		N/A	36"	N/A	37"	.3
		8-37	RC 5BK	FR, SS, SP					
		38"	AR						
A 4	LL 10%	0-8	BSL		N/A	38"	C-M SAP INCL 24"-36"	N/A	.35
		8-24" RCL 24-37	RSL, 5BK/WBK	VFR/FR, SS, SP					
		38	SL SAP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	APPROVED	APPROVED
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PR
EVALUATED BY: SHANE LOCKHART
OTHER(S) PRESENT: TOM SMUCK

COMMENTS: REPAIR AREA WOULD BE @ GRADE UP-SLOPE W/ APPROVED COVER IF EVER UTILIZED. SL



70 47

45 45
50 50
50 50

Submitted 5-15-15

NEED THIS PROPERTY CORNER MARKED.

N

1" = 50'

52" PANEL

HOUSE BOX LAYED OUT INSIDE 50' BUFFER.

PROP. LINES NOT MARKED PROPERLY. (EVERY 25' FRONT CORNER NOT MARKED)

GROWTH DOWN PROP. LINE.

POOL NOT MARKED.

4 BR REPAIR EXEMPT

NEED TO ABANDON WELL.

36 c

36 c

39.6

158.4
108
266 GAL DOSE

5.48 x 7 =
38.36

266 GAL
38.36

6.93 RUN TIME w/ 7 LINES @ 5.48 GPM

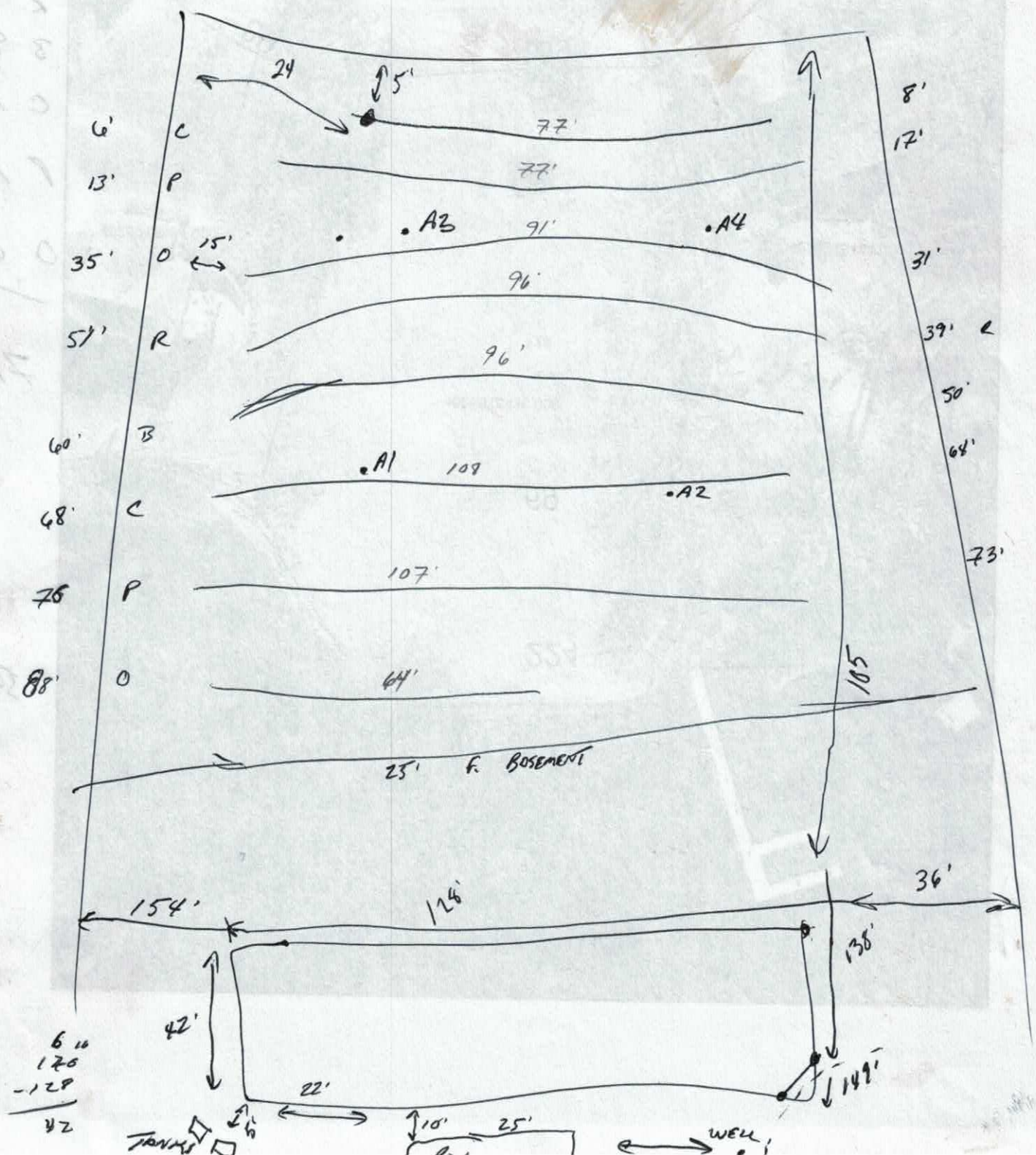
1½ SCH 80 TAPS

NEED RIGHT REAR CORNER CLEARED TO SEE IF TANKS WILL FIT W/ 10' off P/L.

6/16/15

CHARGE REVISIT FEE. $100.00

PLOTTED 1975


24
5'
77'
77'
A3
91'
A4
15'
96'
96'
A1
109
A2
107'
64'
25' F. BASEMENT
105'
154'
124'
36'
138'
42'
22'
149'
10'
25'
WELL
6'
C
P
O
R
B
C
P
O
8'
17'
31'
39'
50'
68'
73'
60'
48'
76'
88'

'ARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
.VISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Steve Sellers APPLICATION DATE _____
ADDRESS: 128 Lakeharbor Ln (R) DATE EVALUATED: 7/16/04
PROPOSED FACILITY: 4BD PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: _____
LOCATION OF SITE: CL+T Sec 7-49 PROPERTY RECORDED: _____
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) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	5-7% mcg CC L ~T	0-6	sbk/gr | l	VFR SS - NP	DRY B				
		7-13	sbk | scl	FR SS - SP	M | R				.25
		14-21	m sbk | Fscl	FR SS - P					
		22-30	mf sbk | scl	FR - SS - P	M | R				.3
		31-48	GR | sl	VFR - SS - SP	M | YR				.3
2	5-7%	0-7	cl	FI SS-NP					
		8-16	sbk scl	FR SS - SP	M R				
		17-24	m sbk sc	FR SS - P	M R YRINCL				
		25-33	mf sbk scl	FR SS - SP	M R YRINCL				
		34-49	GR sl	VFR SS - SP	M - R				
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	P	~83
System Type(s)	PD PPBPS	NA
Site LTAR	.3+	

OTHER FACTORS (.1946): Too large house - Abandon well
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: _____
OTHER(S) PRESENT: _____

COMMENTS: _____

RECEIVED JAN 1 4 2016

IREDELL COUNTY HEALTH DEPARTMENT

Paid $225.00

#210409

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: Plattner Custom Homes **Address:** PO Box 2603 Davidson, NC 28036 (kplattner@gmail.com) **Phone:** 704-363-6005

Owner Name: Chris Rumbaugh **Address:** 556 Barber Loop, Mooresville, NC **Phone:** —

Property Information:

Street Address: 128 Larkhaven Lane, Mooresville, NC 28117

Subdivision Name: CL&T **Section/Phase:** 7 **Lot Number:** 69

Driving Directions: BSR, TR Chuckwood, To End, TL Barber Loop, TR Larkhaven, lot on left.

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: 10

- [✓] 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 (4) Modified Conventional ( ) Other: T&S

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: [signature]

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

1-11-16

DATE

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative:

Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship

In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:

Complete this form to document his or her legal representative, or provide his or her own form that contain the information in this form.

If there are multiple property owners, then all property owners must sign the form that designates a legal representative.

By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility t meet all permit conditions specified by the local health department.

I, Christopher Allan Rumbaugh M.D., am the legal owner(s) of the property located at 128 Larkhaven Lane Mooresville NC 28117, identified as PIN (Parcel Identification Number) _____, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Paul Penninger and Karl ~~Platt~~ Plattner Penninger Soil Consulting/ Plattner ~~Cut~~, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below. Custom Homes

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

Signature of Owner(s)	1/10/16 Date	Signature of Witness	Date

Please return this signed form to the appropriate office:

Mooresville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
adrienne.shea@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION*:

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:

- X **Property Line measurements are clearly identified…**
- X **All proposed structures are indicated…**

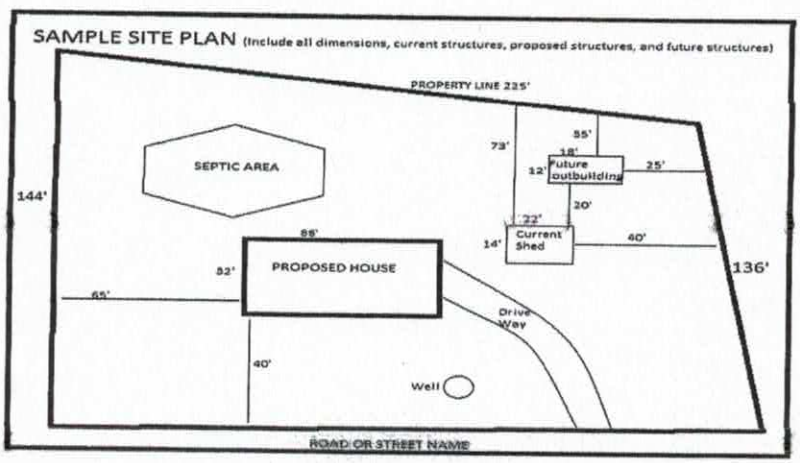
SHOW: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

- X **Front and side setbacks from property line…**
- X **Preferred driveway location and configuration, preferred well location…**
- X **Area you prefer your septic system to be placed…**
- X **North arrow, or other sufficient indicator of direction…**

Circle N/A on the following if appropriate:

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

Shade your location within 50' — NONE within 50' — No SAPROLITE



USE THIS SPACE TO DRAW YOUR SITE PLAN

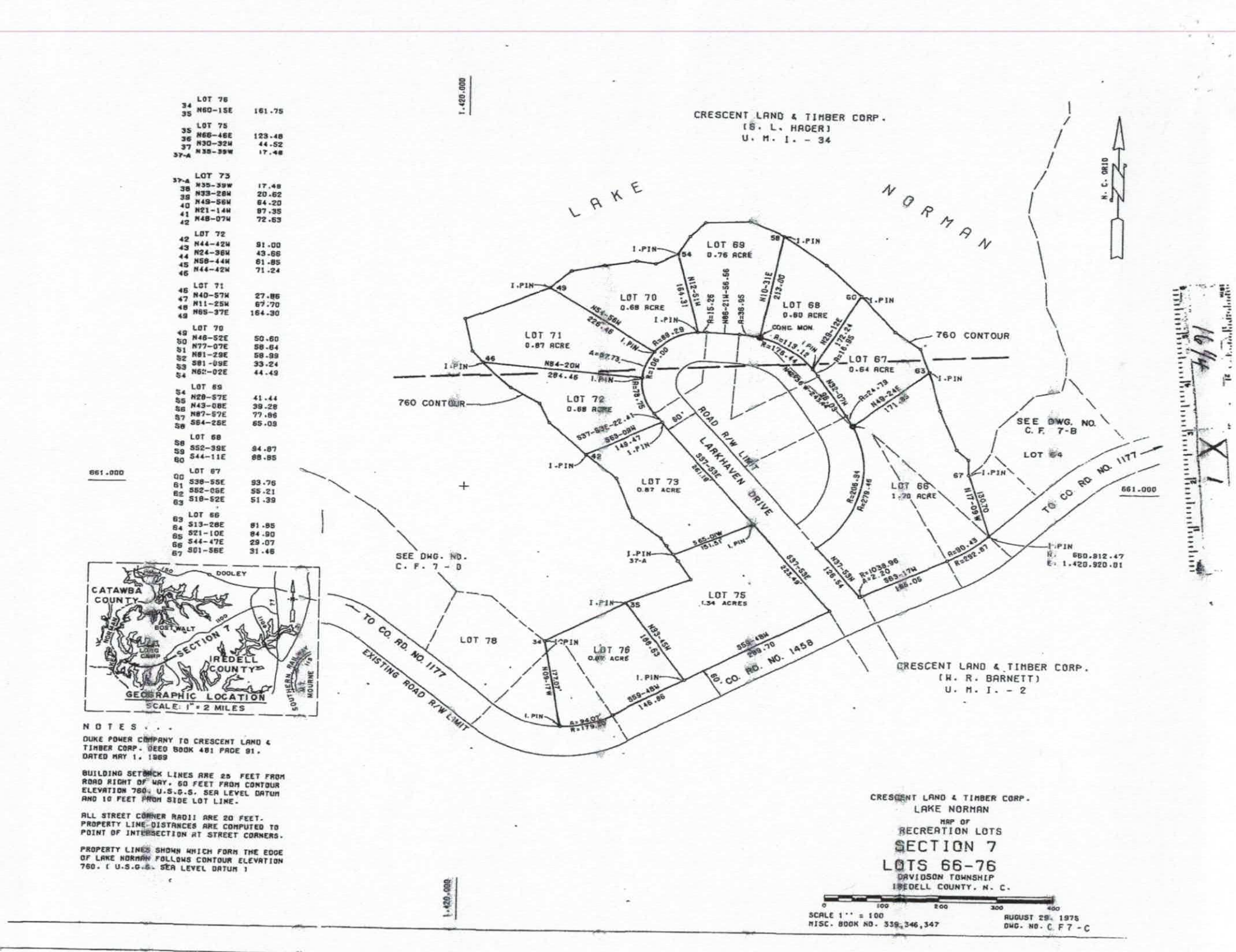
See Attached Site Plan

Signature: _____

REQUIRED **property owner or owner's legal representative signature.**

6-11-16

DATE



NOTES . . .

DUKE POWER COMPANY TO CRESCENT LAND & TIMBER CORP. DEED BOOK 481 PAGE 91. DATED MAY 1, 1969

BUILDING SETBACK LINES ARE 25 FEET FROM ROAD RIGHT OF WAY, 60 FEET FROM CONTOUR ELEVATION 760, U.S.G.S. SEA LEVEL DATUM AND 10 FEET FROM SIDE LOT LINE.

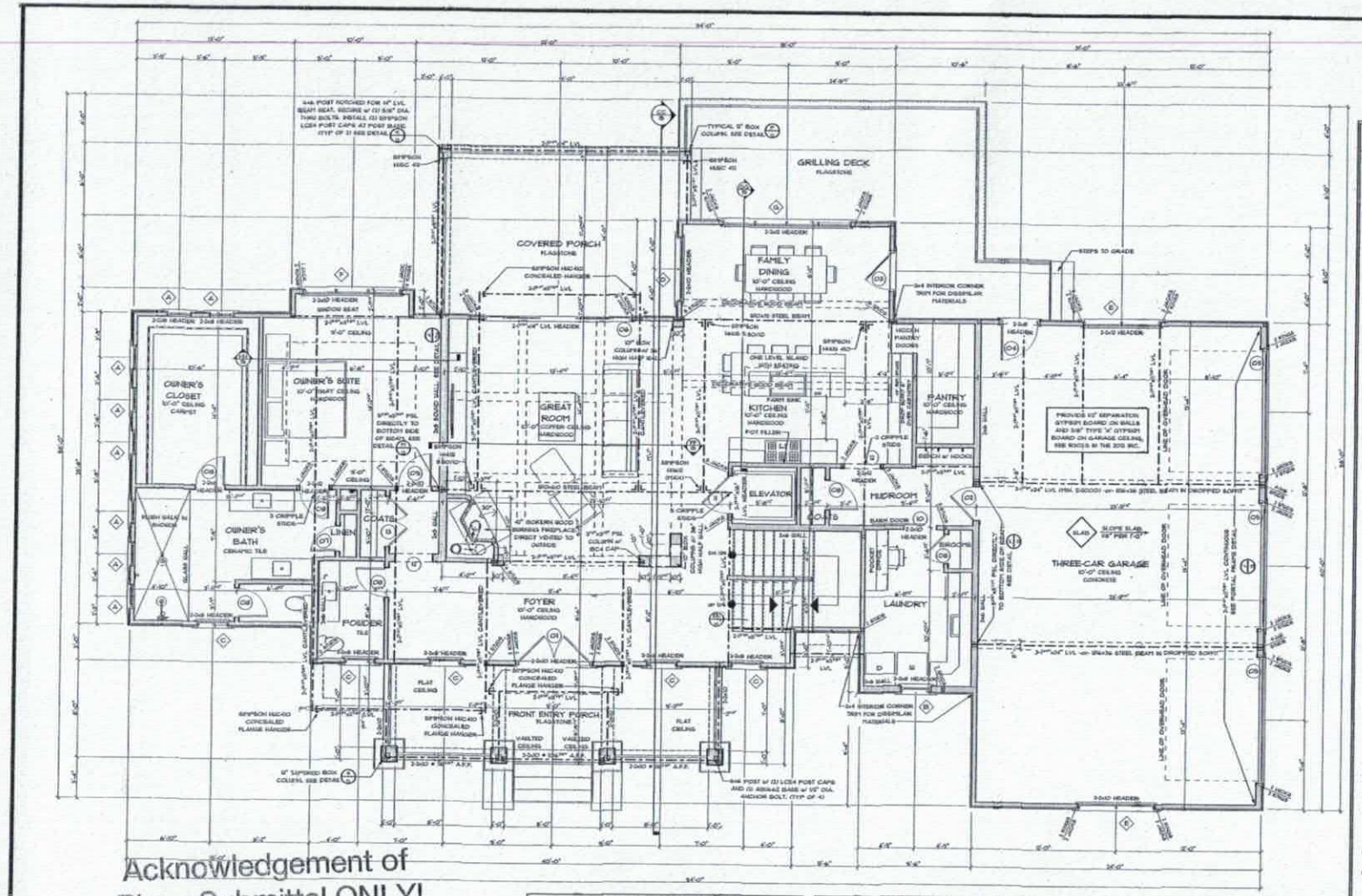
ALL STREET CORNER RADII ARE 20 FEET. PROPERTY LINE DISTANCES ARE COMPUTED TO POINT OF INTERSECTION AT STREET CORNERS.

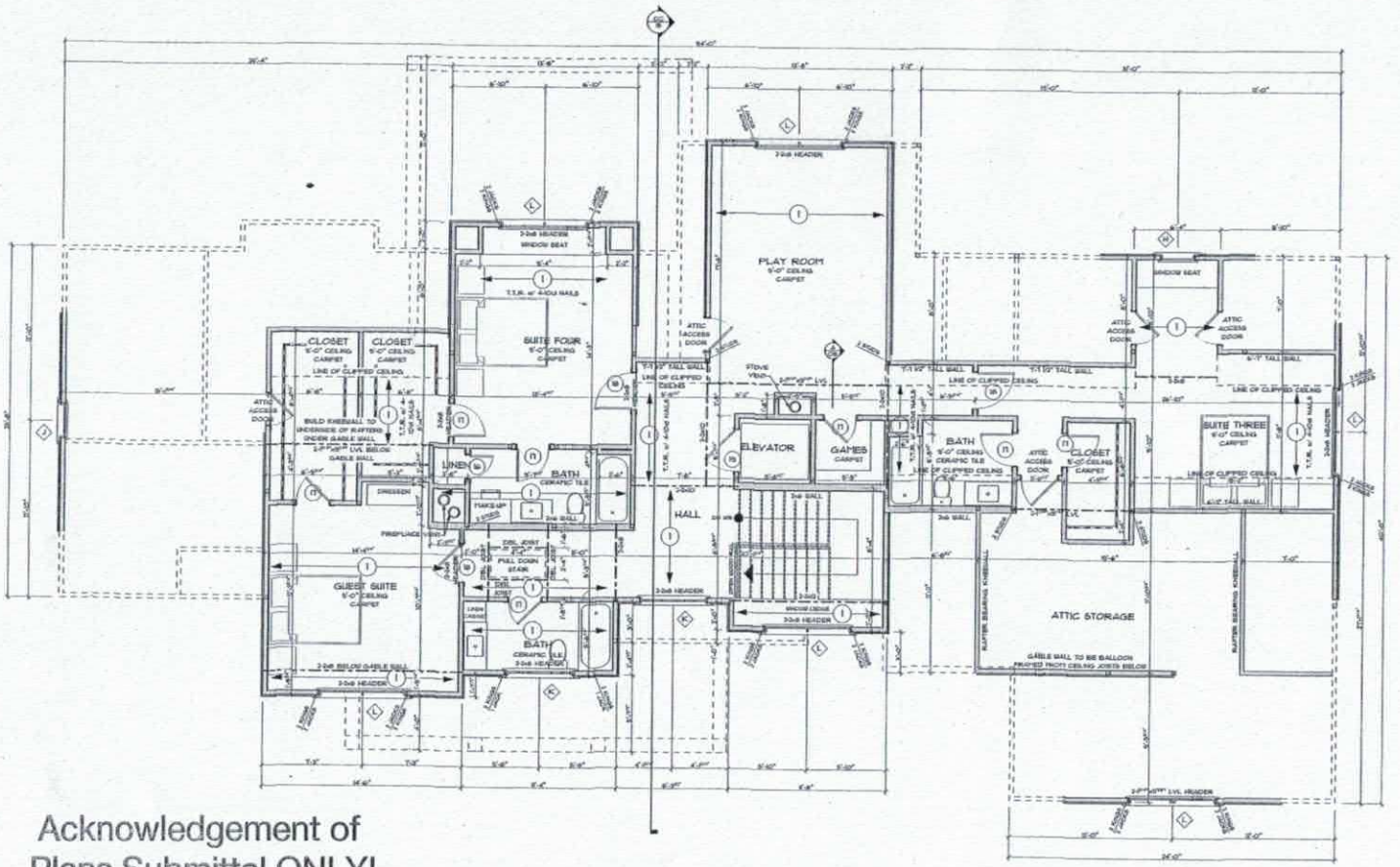
PROPERTY LINES SHOWN WHICH FORM THE EDGE OF LAKE NORMAN FOLLOWS CONTOUR ELEVATION 760. (U.S.G.S. SEA LEVEL DATUM)

CRESCENT LAND & TIMBER CORP.
LAKE NORMAN
MAP OF
RECREATION LOTS
SECTION 7
LOTS 66-76
DAVIDSON TOWNSHIP
IREDELL COUNTY, N. C.

SCALE 1" = 100
MISC. BOOK NO. 339, 346, 347

AUGUST 29, 1975
DWG. NO. C F 7 - C

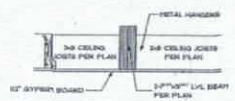

GRILLING DECK
FLAGSTONE
COVERED PORCH
FLAGSTONE
FAMILY DINING
10'-0" CEILING
HARDWOOD
STEPS TO GRADE
GREAT ROOM
12'-0" COFFER CEILING
HARDWOOD
KITCHEN
10'-0" CEILING
HARDWOOD
PANTRY
10'-0" CEILING
HARDWOOD
OWNER'S CLOSET
OWNER'S SUITE
OWNER'S BATH
CERAMIC TILE
LINEN
COATS
FOYER
12'-0" CEILING
HARDWOOD
FOYER
TILE
ELEVATOR
MUDROOM
LAUNDRY
BROOM
THREE-CAR GARAGE
10'-0" CEILING
CONCRETE
FRONT ENTRY PORCH
FLAGSTONE
FLAT CEILING
VAULTED CEILING
PROVIDE 1/2" SEPARATION GYPSUM BOARD ON WALLS AND 5/8" TYPE 'X' GYPSUM BOARD ON GARAGE CEILING, SEE NOTES 16 ON THIS SHEET.
BENCH w/ HOOKS
SHOWER
SLOPE
SLAB
SLOPE
SLAB
SLOPE
SLAB



Acknowledgement of Plans Submittal ONLY!

_____ Date 1-26-16

_____ Date _____



A FLUSH LVL DETAIL

SCALE: 1" = 1'-0"

SECOND FLOOR WINDOW SCHEDULE

ID	QUANTITY	SIZE WIDTH	SIZE HEIGHT	NOTES
H	1	2'-6"	6'-6"	SINGLE DOUBLE HUNG WINDOW UNIT
J	1	2'-6"	5'-0"	SINGLE DOUBLE HUNG WINDOW UNIT w/ FALL PROTECTION
K	2	5'-0"	3'-6"	TWIN 30" FIXED GLASS WINDOW UNIT
L	4	6'-4"	4'-6"	TWIN 36" DOUBLE HUNG WINDOW UNIT

* VERIFY ROUGH OPENING REQUIREMENTS WITH WINDOW MANUFACTURER

SECOND FLOOR DOOR SCHEDULE

ID	QUANTITY	DOOR W	DOOR HT	GLZ	NOTES
M	1	3'-0"	6'-8"		SINGLE INTERIOR SIZD PANEL DOOR
N	7	2'-6"	6'-8"		SINGLE INTERIOR SIZD PANEL DOOR
P	3	2'-8"	6'-8"		SINGLE INTERIOR SIZD PANEL DOOR
R	1	5'-0"	6'-8"		SINGLE INTERIOR SIZD PANEL DOOR

* VERIFY ROUGH OPENING REQUIREMENTS WITH DOOR MANUFACTURER

SQUARE FOOTAGE

ALL FOOTAGE CALCULATED TO EXTD

1. FIRST FLOOR HEATED	530
2.SECOND FLOOR HEATED	1441
3. LOWER LEVEL HEATED	1300
TOTAL HEATED	3,672
COVERED ENTRY	124
COVERED LOWER PATIO	544
COVERED PORCH	281
LAKE STORAGE	169
P-KING ROOM	315
THREE CAR GARAGE	553
TOTAL UNDER ROOF	5,053

FLOOR PLAN CONSTRUCTION NOTES

(SEE SHEET 2 FOR ADDITIONAL NOTES.)

BRACED WALL LINE NOTE:

THIS STRUCTURE HAS BEEN ANALYZED FOR LATERAL LOADING USING CONTINUOUSLY SHEATHED WALL SHEATHING, AS INDICATED IN THE GENERAL NOTES. WHERE BRACED WALLS DO NOT MEET THE PRESCRIPTIVE REQUIREMENTS OF SECTION R602.10 OF THE CODE, IT HAS BEEN ANALYZED BY ENGINEERING ANALYSIS INCORPORATING ENGINEERED LATERAL BRACING ELEMENTS WHERE NEEDED TO MEET THE INTENT OF THE CODE.

1. "T.T.W." INDICATES "TIE JOISTING JOISTS TO RAFTERS WITH FOUR 8"HOLDS" NAILS"

2. ALL LOAD- BEARING HEADERS SHALL BE (2)2X8 SPF#1 UNLESS OTHERWISE NOTED ON THE PLAN.

3.WHERE DIMENSIONS ARE NOT INDICATED, BEAMS THAT RUN PARALLEL TO FLOOR JOISTS ARE INTENDED TO ALIGN UNDER LOAD BEARING WALLS. SEE PLANS FOR DIMENSIONS TO WALLS.

4.ALL SKILLS UP TO 10 FT. TALL SHALL BE 2X4 SPF#2 @ 16" O.C. UNLESS NOTED OTHERWISE ON THE PLAN. TALLER SKILLS SHALL COMPLY WITH TABLE R602.3 (4) OF THE CODE, OR AS NOTED ON THE PLAN.

5.WOOD BEAMS SHALL BE SUPPORTED BY METAL HANGERS OF ADEQUATE CAPACITY WHERE FRAMING INTO BEAMS OR LEDGERS. THE FOLLOWING HANGER SCHEDULE MAY BE USED UNLESS NOTED OTHERWISE ON THE PLAN.

HEADER SIZE	SIMPSON HANGERS
(1) 2x8	LUS 26-2
(2) 2x10	LUS 210-2
(3) 2x10	LUS 210-3
(2) 1 3/4" x 9 1/4" LVL	HUS 410
(3) 1 3/4" x 9 1/4" LVL	HUS 412
(2) 1 3/4" x 11 7/8" LVL	HUS 412
ALL TRIPLE LVLs	HHUS 5410/10

6.NOTE: FILL ALL OF THE HOLES IN HANGERS WITH (6x1 x 3") COMMON NAILS (3"= 0.162") OR (6x1 x2") (2"= 0.162") NAILS UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER. DO NOT BEND OR MODIFY THE HANGER OR USE INAPPROPRIATE FASTENERS. DO NOT USE LESS 2" HANGER NAILS UNLESS OTHERWISE NOTED ON THE PLANS OR IN SITUATIONS WHERE ONLY 1" OR LESS OF WOOD IS PROVIDED TO NAIL INTO.

7."LVL" AND GLU-LAM BEAMS MUST HAVE ENOUGH STUDS TO SUPPORT ALL PLIES AT EACH END WITH A MINIMUM OF (2)-(2x4) OR (3)-(2x6) STUDS UNDER EACH END UNLESS NOTED OTHERWISE.

8. ⊠ INDICATES POINT LOADS. ALL POINT LOADS FROM ROOF BRACES, JACK STUDS, BEAM SUPPORTS (WHETHER WOOD OR STEEL) CANNOT BEAR ON SHEATHING ALONE. BLOCKING DOWN, TO OR BETTER THAN THE POINT LOAD SUPPORTS ABOVE MUST BE MAINTAINED THROUGH ALL CONSTRUCTION TO THE FOUNDATION. INSTALL 2X4 SQUASH BLOCKS OF EQUAL NUMBER TO COLUMN ABOVE BETWEEN SUBFLOOR AND FOUNDATION SILL OR LOWER PLATE. NOT BOARDS AND 1-JOIST BLOCKING SHALL NOT BE CONSIDERED AS AN ACCEPTABLE MEANS OF SUPPORT UNDER CONCENTRATE POINT LOADS FROM LVL AND STEEL BEAMS OR WHERE SQUASH BLOCKS ARE INDICATED ON THE PLAN.

9.FASTEN ALL TRIPLE PLY LVLs TOGETHER WITH TWO ROWS OF 8" LONG TRUSSLOK OR SIMPSON SDS SCREWS @ 16" O.C. AND FOUR PLY LVLs WITH TWO ROWS OF 8"" TRUSSLOK SCREWS @ 16" O.C. UNLESS NOTED OTHERWISE ON THE PLANS. THE SCREWS SHALL BE LOCATED A MINIMUM OF 2" AND A MAXIMUM OF 3" FROM THE TOP OR BOTTOM OF THE BEAM.

MASONRY LINTELS

10.FOR SPANS UP TO 6 FT. USE L3"x3"x1/4" STEEL LINTEL.

11.FOR SPANS UP TO 10 FT. USE L5X3"x5/16" STEEL LINTEL.

12.FOR SPANS GREATER THAN 10' OR WHERE SHOWN ON PLANS, FASTEN L4"x4"x5/16" STEEL ANGLE TO WOOD HEADER WITH 1/2"x4" LAG SCREWS @ 16" O.C. EXTEND ALL ANGLES 6" PAST OPENING TO BEAR ON MASONRY LINTEL AT ENDS.

13.FASTEN FIRST KING STUD TO LAMINATED HEADERS WITH AT LEAST THREE(3)16d (3"x0.162") IN EACH PLY.

14. JACK AND KING STUD SCHEDULE AT BAY OPENINGS: (TO BE INSTALLED AT EACH END OF OPENING UNLESS OTHERWISE NOTED AS "K" OR "HC" ON PLAN)

SPANS UP TO 4'-0"	1 JACK, 1 KING
SPANS 4'-0" TO 8'-0"	2 JACK, 2 KINGS
SPANS 8'-0" TO 12'-0"	3 JACK, 3 KINGS
SPANS 12'-0" TO 16'-0"	4 JACK, 4 KINGS
SPANS 16'-0" TO 8'-0"	2 JACKS, 4 KINGS
SPANS 16'-0" TO 20'-0"	3 JACKS, 5 KINGS
SPANS 20'-0"	SEE PLAN

15.CONTRACTOR TO PROVIDE 36"x36" PIN ACCESS TO ATTIC.

16.PROVIDE 1/2" DRYWALL SEPARATION BETWEEN WALL & 5/8" TYPE X DRYWALL AT CEILING OF HOUSE & GARAGE

17. ALL ANGLES ARE 45° (U.N.O.)

18. INSTALL DOUBLE JOIST UNDER ALL PARALLEL PARTITION WALLS (U.N.O.)

19.ALL EXTERIOR WALLS TO HAVE 7/16" OSB SHEATHING FASTENED w/ 8d NAILS @ 6" o.c. AROUND EDGES & 12" o.c. IN FIELD

20."BOLSTER", FASTEN 3-PLY LVLs TOGETHER w/ (2) ROW OF 3" LONG TRUSSLOK SCREWS @16"o.c. FASTEN 4-PLY LVLs TOGETHER w/ (2) ROW OF 4 3/4" LONG TRUSSLOK SCREWS @16"o.c.

SCALE: 1/4" = 1'-0"

K+H RESIDENTIAL DESIGN
KHRESIDENTIALDESIGNS.COM
704-728-0505
N·C·B·D·C
ENGINEER
INTELLIGENT ENGINEERING

THE RUMBAUGH RESIDENCE
LOT 69 LAKEHAVEN LANE
MOORESVILLE, NC

NOTE: GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND ANGLES IN FIELD - NOTIFY DESIGNER OF ANY DISCREPANCIES IMMEDIATELY

MEMBER A | BD

PROJECT NO: 2015-013
DATE: 9/23/2015
REVISIONS:

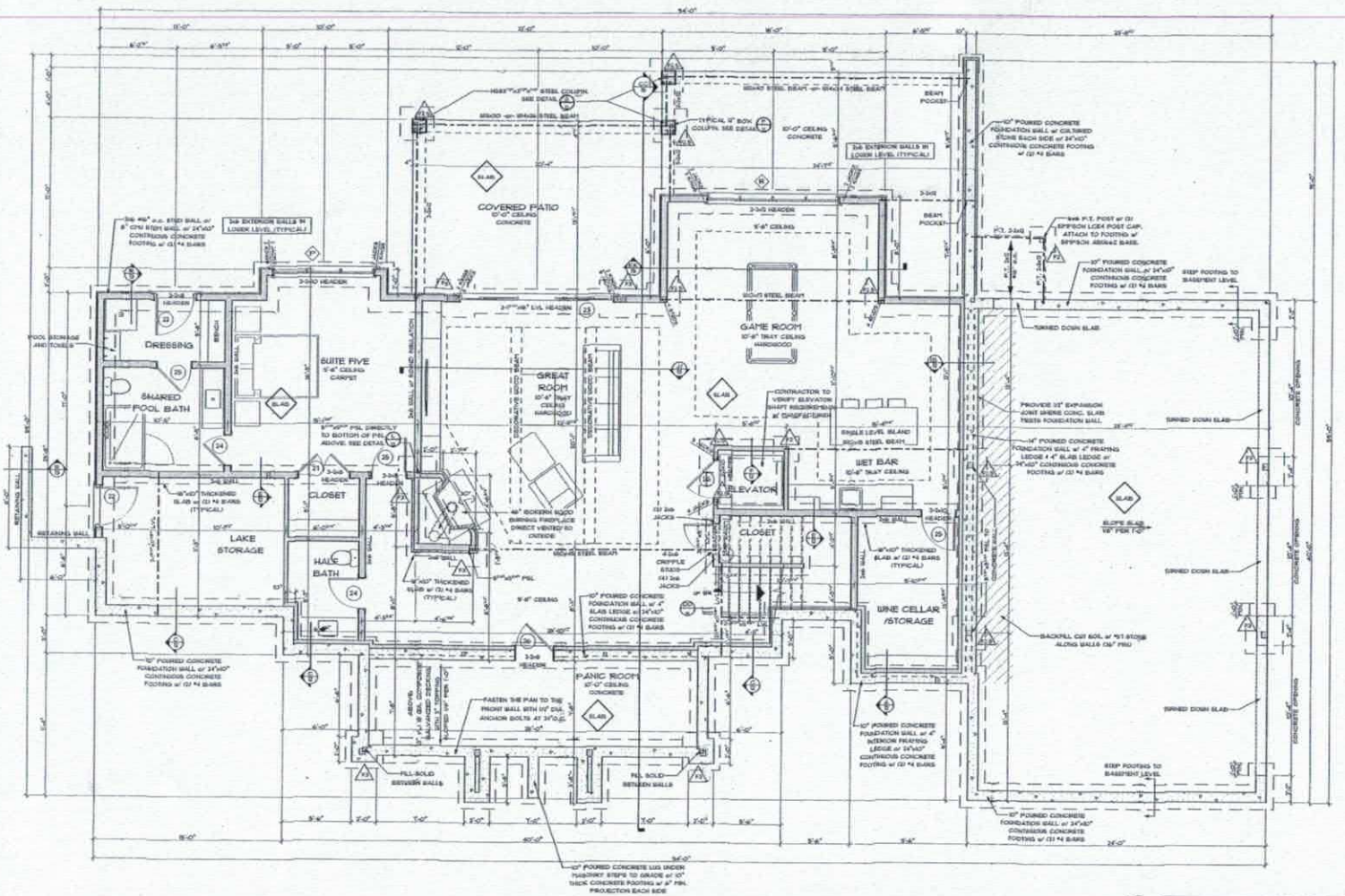
DRAWN BY: K.WILSON

COPYRIGHT
THESE PROFESSIONAL DRAWINGS ARE AUTHORIZED FOR USE ON THIS BUILT ONLY BY THE ORIGINAL PURCHASER. — MODIFICATIONS OR REUSE OF THIS PLAN IS PROHIBITED

SHEET TITLE
SECOND FLOOR PLAN

08

SHEET 08 OF 18



Acknowledgement of Plans Submittal ONLY!

BT Date 1-26-16

Date

LOWER LEVEL WINDOW SCHEDULE

ID	QUANTITY	SIZE WIDTH	SIZE HEIGHT	NOTES
P	1	6'-0"	5'-0"	TRIPLE 10" DOUBLE HUNG WINDOW UNIT
K	1	10'-0"	6'-0"	QUAD 10" DOUBLE HUNG WINDOW UNIT

* VERIFY ROUGH OPENING REQUIREMENTS WITH WINDOW MANUFACTURER

LOWER LEVEL DOOR SCHEDULE

ID	QUANTITY	DOOR W	DOOR HT	DOOR GLZ	NOTES
22	2	5'-0"	8'-0"	100%	DOUBLE EXTERIOR DOOR WITH TEMPERED GLASS PANEL
23	1	12'-0"	8'-0"	100%	QUAD EXTERIOR SLIDING GLASS DOOR
24	3	2'-6"	8'-0"		SINGLE INTERIOR T&G PANEL DOOR
25	3	5'-0"	8'-0"		DOUBLE INTERIOR T&G PANEL DOOR
26	1	5'-0"	6'-0"		DOUBLE INTERIOR T&G PANEL DOOR
27	1	4'-0"	8'-0"		TWIN INTERIOR T&G PANEL DOOR

* VERIFY ROUGH OPENING REQUIREMENTS WITH DOOR MANUFACTURER

SQUARE FOOTAGE

ALL FOOTAGE CALCULATED TO SHEATHING

1. FIRST FLOOR HEATED	370
2.SECOND FLOOR HEATED	1644
3. LOWER LEVEL HEATED	1800
TOTAL HEATED	3,470
COVERED ENTRY	134
COVERED LOWER PATIO	546
COVERED PORCH	183
LAKE STORAGE	168
PANIC ROOM	88
THREE CAR GARAGE	550
TOTAL UNDER ROOF	4,670

SCALE: 1/4" = 1'-0"

LOWER LEVEL NOTES

(SEE SHEET S FOR ADDITIONAL NOTES)

1. ALL PERIMETER WALL FOOTINGS SHALL BE CONTINUOUS 24"x10" TYPICAL WITH (2) # 4 REBAR, 3000 PSI CONCRETE U.N.O.
2. ALL INTERIOR THICKENED SLABS SHALL BE 12"x24" U.N.O.
3. LOWER LEVEL FOUNDATION WALLS TO BE 10" THICK POURED IN PLACE REINFORCED PER PLAN DETAILS. TOP OF BASEMENT WALL IS NOT TO BE STEPPED DOWN UNLESS BACKFILLED BACKFILL IS LESS THAN 48".
4. "SLAB ON GRADE" SHALL CONSIST OF 4" THICK, 3000 PSI CONCRETE WITH FIBERMESH REINFORCEMENT ON 6MIL 10X10 WEB, OVER 6 MIL VAPOR BARRIER OVER 4" CLEAN STONE OVER COMPACTED FILL. IN GARAGES AND DRIVEWAYS INSTALL TOOLED CONTROL JOINTS NO GREATER THAN 15 FEET IN EACH DIRECTION. ALL SLABS TO HAVE 1/2" EXPANSION JOINT BETWEEN SLAB AND FOUNDATION WALLS.
5. ALL SOILS AND FILL UNDER FLOORS WITHIN AND/OR UNDER BUILDINGS SHALL HAVE PRECONSTRUCTION SOIL TREATMENT FOR PROTECTION AGAINST TERMITES. CERTIFICATION OF COMPLIANCE SHALL BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY.
6. RETAINING WALLS TO BE 10" THICK POURED IN PLACE CONCRETE REINFORCED PER PLAN DETAILS BASED ON RETAINED SOIL HEIGHT.
7. ⊠ INDICATES CONCENTRATED POINT LOADS (SEE SHEET S) INSTALL SOLID BLOCKING EQUAL TO THE WIDTH OF STUDS ABOVE, BETWEEN DROPPED GIRDERS OR FOUNDATION WALL & THE FLOOR SHEATHING. FILL HOLLOW STUDS w/ SOLID BLOCKING WHERE REQ'D.
8. ALL INTERIOR PIERS ARE 8"x16" CMU WITH 24"x24"x10" FOOTINGS U.N.O. FULLY GROUT PIERS 120" TALL UNLESS NOTED OTHERWISE.
9. ALL DROPPED GIRDERS SHALL BE (3) 2x10's EVP #2 U.N.O.
10. GROUTED MASONRY CELLS + BOND BEAM FILL SHALL HAVE A min. COMPRESSIVE STRENGTH (f'c) OF 3000 psi.
11. IN CONC. USE 1/2" BOLTS @ 6' o.c. 1'-0" FROM EACH CORNER w/ 7" min. EMBEDMENT -or- IN MASONRY REINFORCED STEEL IN GARGE METAL STRAPPING @ 4'-0 o.c. EMBEDMENT 16" min. IN MASONRY FILLED SOLID w/ 3000 psi PEA GRAVEL CONC. w/ (4) 10d x 1½" NAILS IN TOP OF PLATE AND (2) 10d x 1½" NAILS IN SIDE OF PLATE, BOLTS CAN BE USED IN BLOCK FOUNDATION FILLED w/ CONCRETE
12. PROVIDE 4" sqr. BEAM FOR ALL SLAB EDGES

FOOTING SCHEDULE:

F1:	24"x24"x8"
F2.5:	30"x30"x10"
F3:	36"x36"x12" WITH 4 #4 BARS EACH WAY
F3.5:	42"x42"x12" WITH 5 #4 BARS EACH WAY.
F4:	48"x48"x16" WITH 7 #4 BARS EACH WAY.

4" CONCRETE SLAB (3000 psi) w/ 6mil POLY BARR. w/ 4" MIN POLY VAPOR BARRIER w/ 4" GRAVEL w/ COMPACTED FILL -or- SELF-COMPACTING 150 STONE. PROVIDE TERMITE TREATMENT BELOW ALL CONCRETE SLABS OR BOMATE ON THE WOOD FRAMING (TYP.)

K+H RESIDENTIAL DESIGNS.COM
704-728-0585
N·C·B·D·C
ENGINEER
INTELLIGENT ENGINEERING

THE RUMBAUGH RESIDENCE
LOT 69 LAKEHAVEN LANE
MOORESVILLE, NC

NOTICE: DIMENSIONAL INFORMATION TO VERIFY ALL DIMENSIONS AND ANGLES IN FIELD - NOTIFY DESIGNER OF ANY DISCREPANCIES IMMEDIATELY

MEMBER A|I|A|BD

PROJECT NO: 2015613
DATE: 9/23/2015
REVISIONS:

DRAWN BY: KJILLSON

COPYRIGHT
K&H RESIDENTIAL DESIGNS AUTHORIZES THIS PLAN TO BE BUILT ONCE THEN BY THE ORIGINAL PURCHASER. — MODIFICATIONS OR REUSE OF THIS PLAN IS PROHIBITED

SHEET TITLE
LOWER LEVEL PLAN

04
SHEET 04 OF 18

215 Little Creek Road
Mooresville, NC, 28115
Phone: (704) 663-7631
Fax: (704) 660-9612
Email: twaseptic@gmail.com
Website: www.ammonsseptic.com

Maintenance Contract Form

(Revision 1)

Maintenance Contract for:
State of North Carolina
County of:

This agreement is made between: Karl Plattner (Builder) and T.W. Ammons Septic Service, Inc., on: 1-2-17

This contract is for twelve months. Renewal will be due within thirty days prior to the expiration of the contract.

T.W. Ammons Septic Service, Inc., will visit the property twice a year to perform routine maintenance as required on Type IV septic systems by the state of North Carolina. This contract is for routine maintenance only. It does not include the costs for any repairs if needed. In the case of a needed repair, you will be notified.

T.W. Ammons Septic Service, Inc., will perform the above services at: 128 Larkhaven Ln.
Mooresville, NC. 28117
owners - Chris + Amy Rumbaugh
304-421-0422

Tim Ammons
N.C Subsurface Operator #12272
T.W. Ammons Septic Service, Inc.

Owner or Representative