MD

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # **AP** 324174

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

PIN # 4636-67-3857

APPLICANT/OWNER: Peachtree Residential APPLICANT ADDRESS: 9525 Birkdale Crossing, Suite 208 Huntersville 28078

SITE ADDRESS: 130 Dabbling Duck Cir, Mooresville NC 28117 PHONE: 704-928-9215 ALT. PHONE 704-310-1832

SITE DIRECTIONS: (W) Brawley School → (R) Mallard Way → (R) Dabbling Duck → lot on (R) SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Fairfax @ Mallard Head SECTION: N/A LOT # 16 LOT AREA: 0.817ac DESIGN FLOW: 480 gpd L.T.A.R.: 0.3

Septic Tank	1000 (gal)	STB	760	Date	8/17/22	☒ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms	4
Pump Tank	(gal)	PT		Date		System Description:	25% Reduction	☐ Business	No. Persons	8
Pump Make		Model		Serial #		Repair System Description:	50% Reduction	☐ Other	No. Employees	
# Nitrification Fields	1	# Lines	3	Linear Ft	400	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab	☐ Crawl Space	
Trench Width	36"	Trench Bottom Depth(Low side)	32"	Gravel Depth	N/A	☒ GRAVITY ☐ PRESSURE		☒ Basement w/plumbing	☐ Basement w/o plumbing	

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Do not pave, grade, drive, park, or bury utilities in drainfield area. Divert all drainage from drainfield. 36" max trench bottom

Follow plan specs regarding power line that is to be moved

House plans updated 1/14/22 - approved.

INITIAL SITE SKETCH

See attached site plan & design by Michael Athanas & Assoc. approved 1/9/22

AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

Installed as drawn

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: Date: 1/10/22 Installed by: Richard Abernathy

IMPROVEMENT PERMIT by: D. Wieberg Date: 1/9/22 OPERATION PERMIT by: Matt Wilkin Date: 10/21/22

AUTHORIZATION TO CONSTRUCT by: D. Wieberg Date: 1/9/22 Existing System Inspected by: Date:

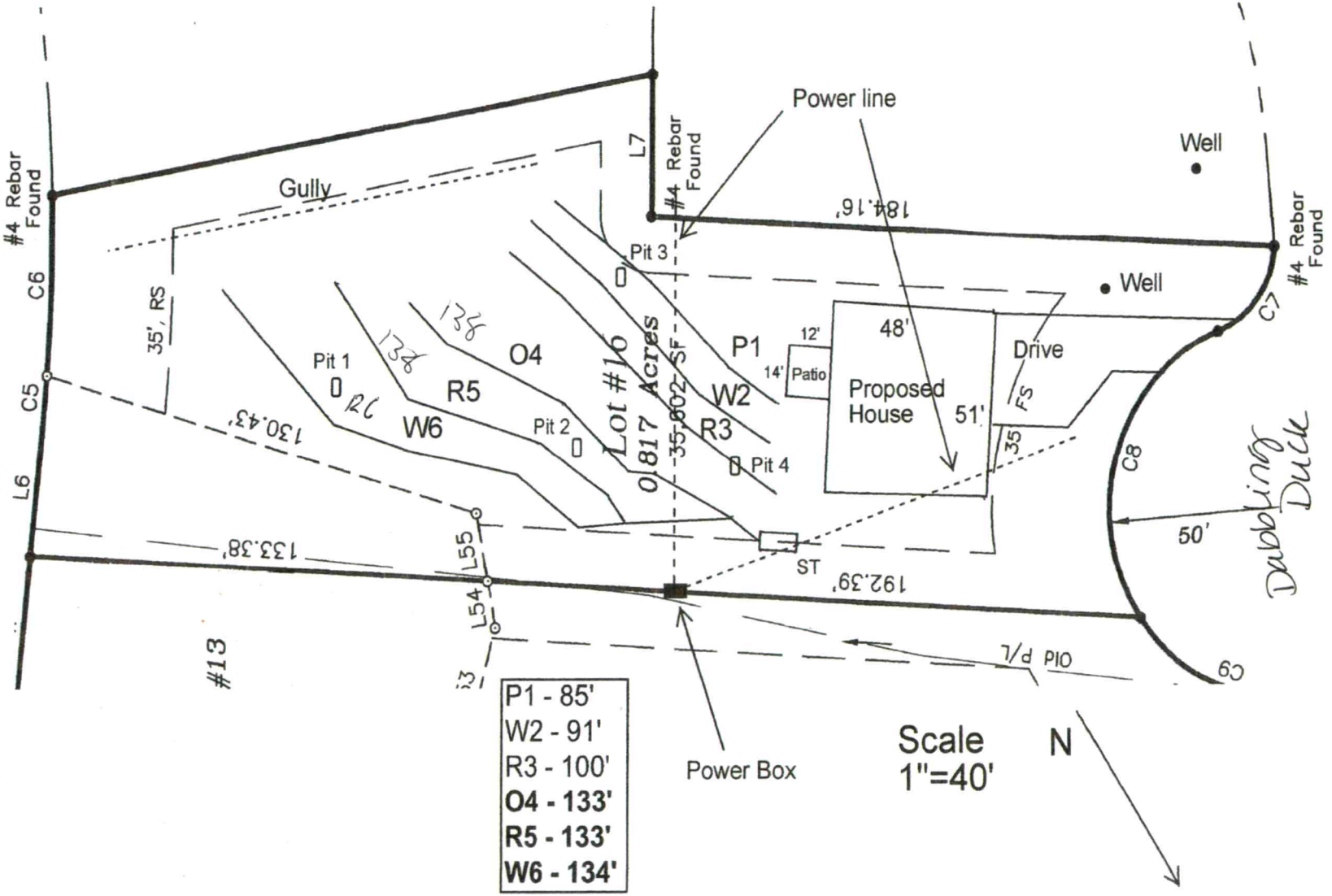
FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

Approved 1/9/23
DR

130 Dabbling Duck Cir
Mooresville, NC



approved
11/9/22 DW

MA&A
SOIL & ENVIRONMENTAL CONSULTANTS

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
556Walden Trail
Weddington, NC 28173
(704) 576-3887
12/22/2021

Reference: Data Sheet for 130 Dabbling Duck Cir, Fairfax at Mallard Head Lot 16
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side
Water Source: Private Well
Number of Bedrooms/Daily Flow: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT^2
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Gravity-End cap/Drop Boxes
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 24-36"

Line	Design Length	Actual Length
Pink 1		85'
White 2		91'
Red 3		100'
Orange 4	**133'**	**145'**
Red 5	**133'**	**145'**
White 6	**134'**	**152'**



Initial System: 400' **Repair System:** 276'

Comments:
The power lines that cross the lot must be removed and the trench should be filled and tamped in the septic area.

approved 11/9/22 DW

PROPERTY ID #: 4636673857
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Peachtree Residential APPLICATION DATE
ADDRESS: 9525 Birkdale Crossing Dr, STE 208, Huntersville, NC 28078 DATE EVALUATED: 10/2021
PROPOSED FACILITY: 4 BDRM PROPOSED DESIGN FLOW (.1949): 480 GPD PROPERTY SIZE: 0.817 AC
LOCATION OF SITE: 130 Dabbling Duck Cir, Fairfax at Mallard Head Lot 16 PROPERTY RECORDED: 2021
WATER SUPPLY: X Private ☐ Public X Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring X Pit ☐ Cut TYPE OF WASTEWATER: X 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	
1	LS 6%	0-14	Br SCL WSBK	FR SS SP SXP	N/A	58"	N/A	N/A	PS 0.3
		14-36	R C SBK	FR SS SP SXP					
		36-58	R CL WSBK	FR SS SP SXP					
2	LS 6%	0-~~8~~10	Br CL WSBK	FR SS SP SXP	N/A	50"	N/A	N/A	PS 0.3
		10-38	R C SBK	FR SS SP SXP					
		38-~~56~~64	R CL WSBK	FR SS SP SXP					
3	LS 8%	0-16	Br CL WSBK	FR SS SP SXP	N/A	58"	N/A	N/A	PS 0.3
		16-38	R C SBK	FR SS SP SXP					
		38-~~56~~62	R CL WSBK	FR SS SP SXP					
4	LS 8%	0-6	Br CL WSBK	FR SS SP SXP	N/A	56"	N/A	N/A	PS 0.3
		6-34	R C SBK	FR SS SP SXP					
		34-~~56~~63	R CL WSBK	FR SS SP SXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 FT^2	5000 FT^2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.3	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MA&A
OTHER(S) PRESENT:

COMMENTS: sap incl common in all CL layers, mica common

MD

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 324174

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

PIN # 4636-67-- 3857

APPLICANT/OWNER: Peachtree Residential | APPLICANT ADDRESS: 9525 Birkdale Crossing, Suite 208 Huntersville 28078

SITE ADDRESS: 130 Dabbling Duck Cir, Mooresville NC 28117 | PHONE: 704-928-9215 | ALT. PHONE 704-310-1832

SITE DIRECTIONS: (W) Brawley School → (R) Mallard Way → (R) Dabbling Duck → lot on (R) | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Fairfax @ Mallard Head | SECTION: W/A | LOT # 16 | LOT AREA: 0.87 ac | DESIGN FLOW: 480 gpd | L.T.A.R.: 0.3

Septic Tank	1000 (gal)	STB	Date	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI
Pump Tank	(gal)	PT	Date	System Description:	25% Reduction		
Pump Make	Model		Serial #	Repair System Description:	50% Reduction		
# Nitrification Fields	1	# Lines 3	Linear Ft 400	Maintenance Agreement Required:	☐ YES	☒ NO	
Trench Width	36"	Trench Bottom Depth(Low side)	32"	Gravel Depth	N/A	☒ GRAVITY	☐ PRESSURE

☒ Residence	No. Bedrooms	4	Water Supply	
☐ Business	No. Persons	8	☒ Private	
☐ Other	No. Employees		☐ Public	
☐ Slab	☐ Crawl Space		☐ Community	
☒ Basement w/plumbing		☐ Basement w/o plumbing		

Comments / Conditions: Do not pave, grade, drive park, or bury utilities in drainfield area. Divert all drainage from drainfield. 36" max trench bottom

Follow plan specs regarding power line that is to be moved

House plans updated 1/14/22 - approved.

INITIAL SITE SKETCH

See attached site plan & design by Michael Athanas & Assoc. approved 1/9/22

AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

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: _____ Date: 1/10/22 Installed by: _____

IMPROVEMENT PERMIT by: D. Mieberg Date: 1/9/22 OPERATION PERMIT by: _____ Date: _____

AUTHORIZATION TO CONSTRUCT by: D. Mieberg Date: 1/9/22 Existing System Inspected by: _____ Date: _____

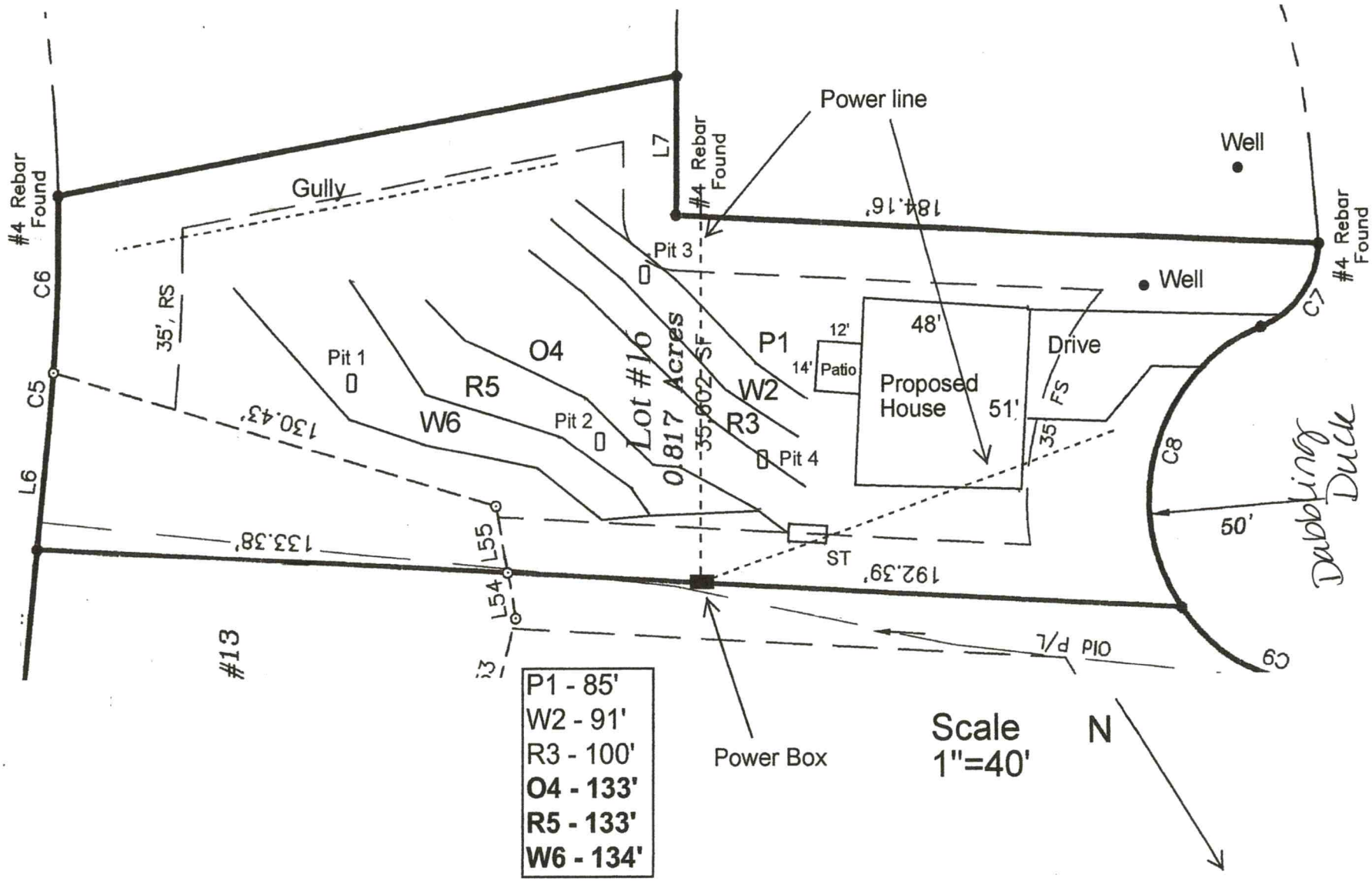
FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

Approved 1/9/25
DW

130 Dabbling Duck Cir
Mooresville, NC



approved
11/9/22 DW

MA&A
SOIL & ENVIRONMENTAL CONSULTANTS

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
556Walden Trail
Weddington, NC 28173
(704) 576-3887
12/22/2021

Reference: Data Sheet for 130 Dabbling Duck Cir, Fairfax at Mallard Head Lot 16
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side
Water Source: Private Well
Number of Bedrooms/Daily Flow: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT^2
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Gravity-End cap/Drop Boxes
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 24-36"

Line	Design Length	Actual Length
Pink 1		85'
White 2		91'
Red 3		100'
Orange 4	**133'**	**145'**
Red 5	**133'**	**145'**
White 6	**134'**	**152'**

LICENSED SOIL SCIENTIST
MICHAEL
STATE OF NORTH CAROLINA

Initial System: 400' **Repair System:** 276'

Comments:
The power lines that cross the lot must be removed and the trench should be filled and tamped in the septic area.

approved 1/9/22 DW

PROPERTY ID #: 4636673857
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Peachtree Residential _____ APPLICATION DATE _____
ADDRESS: 9525 Birkdale Crossing Dr, STE 208, Huntersville, NC 28078 _____ DATE EVALUATED: 10/2021
PROPOSED FACILITY: 4 BDRM _____ PROPOSED DESIGN FLOW (.1949): 480 GPD _____ PROPERTY SIZE: 0.817 AC
LOCATION OF SITE: 130 Dabbling Duck Cir, Fairfax at Mallard Head Lot 16 _____ PROPERTY RECORDED: 2021
WATER SUPPLY: X Private ☐ Public X Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring X Pit ☐ Cut TYPE OF WASTEWATER: X 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	
1	LS 6%	0-14	Br SCL WSBK	FR SS SP SXP	N/A	58"	N/A	N/A	PS 0.3
		14-36	R C SBK	FR SS SP SXP					
		36-58	R CL WSBK	FR SS SP SXP					
2	LS 6%	0-~~8~~10	Br CL WSBK	FR SS SP SXP	N/A	50"	N/A	N/A	PS 0.3
		1~~9~~0-38	R C SBK	FR SS SP SXP					
		38-5~~6~~64	R CL WSBK	FR SS SP SXP					
3	LS 8%	0-16	Br CL WSBK	FR SS SP SXP	N/A	58"	N/A	N/A	PS 0.3
		16-38	R C SBK	FR SS SP SXP					
		38-5~~8~~62	R CL WSBK	FR SS SP SXP					
4	LS 8%	0-6	Br CL WSBK	FR SS SP SXP	N/A	56"	N/A	N/A	PS 0.3
		6-34	R C SBK	FR SS SP SXP					
		34-5~~6~~63	R CL WSBK	FR SS SP SXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 FT^2	5000 FT^2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.3	0.3

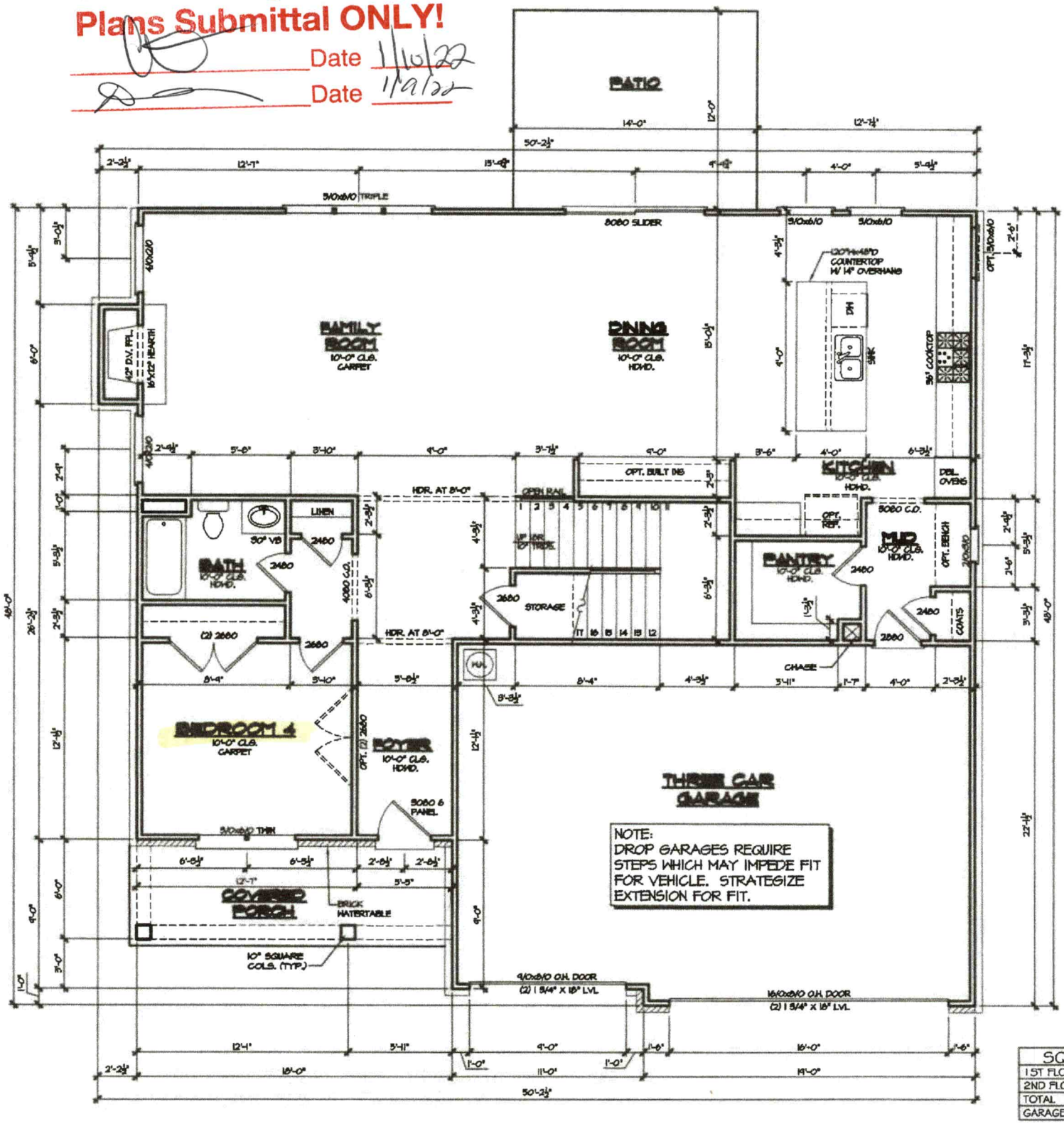
OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____PS_____
EVALUATED BY: _____MA&A_____
OTHER(S) PRESENT: _____

COMMENTS: _____
sap incl common in all CL layers, mica common

Acknowledgement Of Plans Submittal ONLY!

Date 1/10/22

Date 1/9/22



SQUARE
1ST FLOOR
2ND FLOOR
TOTAL
GARAGE

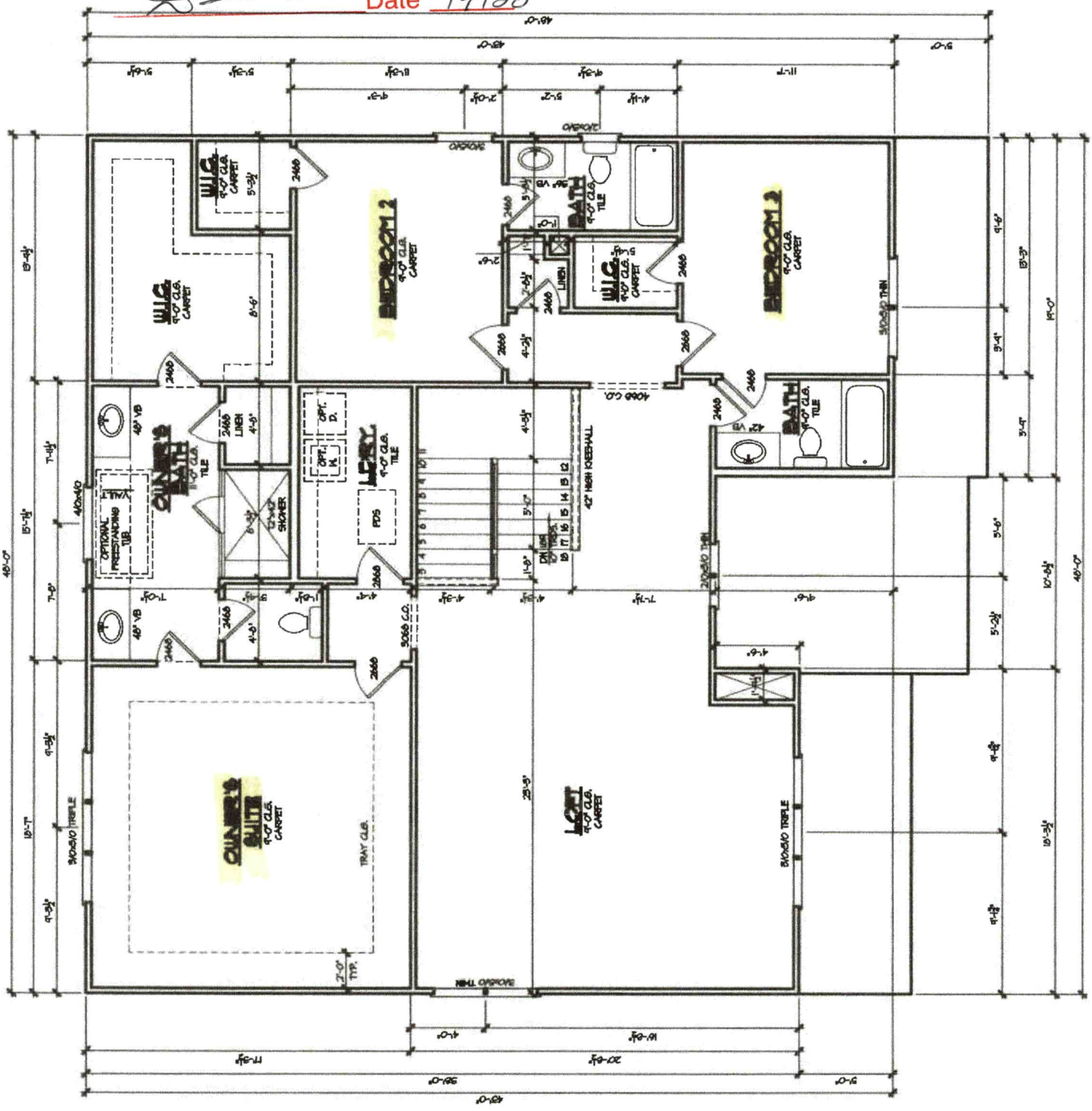
FIRST FLOOR PLAN

SCALE: 3/16" = 1'-0"

Acknowledgement Of Plans Submittal ONLY!

Date 1/10/22

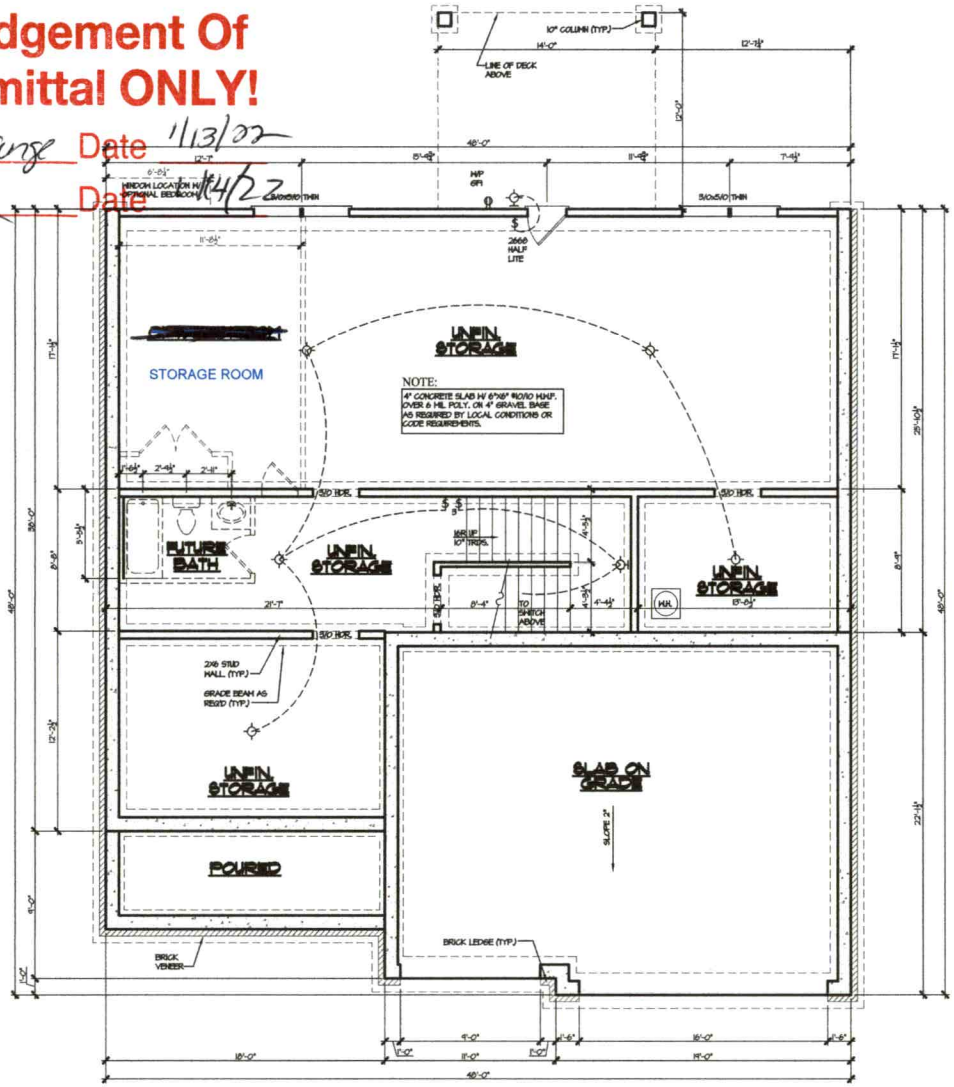
Date 1/9/22


BEDROOM 2
9'-0" CLG. CARPET
BEDROOM 3
9'-0" CLG. CARPET
WIC
9'-0" CLG. CARPET
WIC
9'-0" CLG. CARPET
WIC
9'-0" CLG. CARPET
BATH
9'-0" CLG. TILE
BATH
9'-0" CLG. TILE
LINEN
LINEN
OPT. W.I.C.
OPT. W.I.C.
PDS
PDS
OPTIONAL FREESTANDING TUB
12"x42" SHOWER
42" HIGH KNEEWALL
5 RISERS @ 7" = 35"
10 TREADS @ 10" = 90"
15 RISERS @ 7" = 105"
14 TREADS @ 10" = 130"
OPEN TO BELOW
OPEN TO BELOW
OPEN TO BELOW

Acknowledgement Of Plans Submittal ONLY!

email change Date 1/13/22

Date 1/14/22



BASEMENT FOUNDATION PLAN

SCALE: 3/16" = 1'-0"

PEACHTREE RESIDENTIAL PROPERTIES

The Builder Who Listens

7980 McGinnis Ferry Rd. Suwanee, Georgia 30174
Voice (770) 622-2522 • Fax (770) 622-9171

This drawing is the property of Peachtree Residential Properties and may not be copied or reproduced without the written permission of Peachtree Residential Properties.

Drawn By: RJR

Date: 10/19/20

Plan No:

Revision: 07/14/21-RJR

Model Name: LONGWOOD

Sheet Title: BASEMENT FOUNDATION PLAN

SHEET NO. A2.2A

Rec'd 12/23/21 AP324174
Expedited Review Pd. $350.00

DO

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(✓) Septic Improvement Permit (✓) Authorization to Construct ( ) 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: (✓) Survey Plat, scaled no more than 1 inch = 60 feet
Place an (X) beside whichever is submitted if applicable ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: **(PRINT CLEARLY)**

Applicant Name: Peachtree Residential LLC **Address:** 9525 Birkdale Crossing Dr, STE 208, Huntersville, NC **Zip:** 28078

Applicant Email: _____ **Phone:** Mark-704-928-9215 **Alt. Phone:** _____

Owner Name: Same **Address:** _____ **Zip:** _____

Owner Email: _____ **Phone:** _____ **Alt. Phone:** _____

Property Information:

Street Address: 130 Dabbling Duck Cir, MVL

Subdivision Name: Fairfax at Mallard Head **Section/Phase:** — **Lot Number:** 16

Driving Directions: _____

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

CHECK FOUNDATION TYPE

(✓) New Single Family Residence — Maximum Number of Bedrooms: 4 — (✓) Crawl Space Foundation
( ) New Multi-Family Residence — Maximum Number of Occupants: 8 — ( ) Concrete Slab Foundation
( ) Accessory Building — ( ) Swimming Pool — (X) Basement with Plumbing
( ) Bedroom(s) Addition — ( ) Other Addition/Structure: _____ — ( ) Basement without Plumbing
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: _____

see attached email w/ change

Non-Residential Site Development: Type of Business: _____
Square Footage of Building: _____ Max. Number of Employees: _____ Max. Number of Seats/Beds/Other: _____

Water Supply: ( ) Replacement Well – Reason: _____
( ) Multi-connection Well Number of Houses: _____ Number of Persons: _____

(✓) 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: Accepted

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: _____ 12/23/2021
Property owner or owner's legal representative signature (**SIGNATURE REQUIRED**) 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 contains 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 to meet all permit conditions specified by the local health department.

I, Mark Benitez, am the legal owner(s) of the property located at 130 Dabbling Duck Cir Fairfax at Mallard Head Lot 16, identified as PIN (Parcel Identification Number) 4636673857, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Michael Athanas & Associates_, Mark Benitez - Peachtree, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- 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.

12/23/2021

Signature of Owner(s) 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

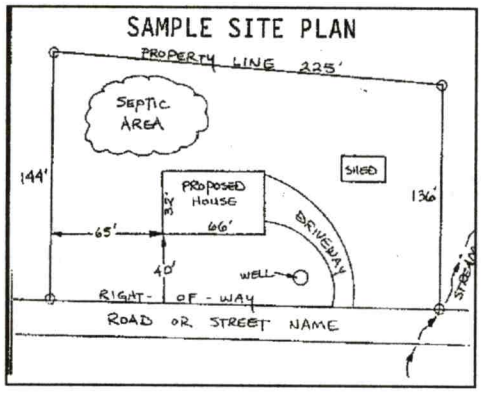
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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 OR WELL 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**
- **( ) Preferred well location**
- **( ) Preferred septic system location**
- **( ) 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**

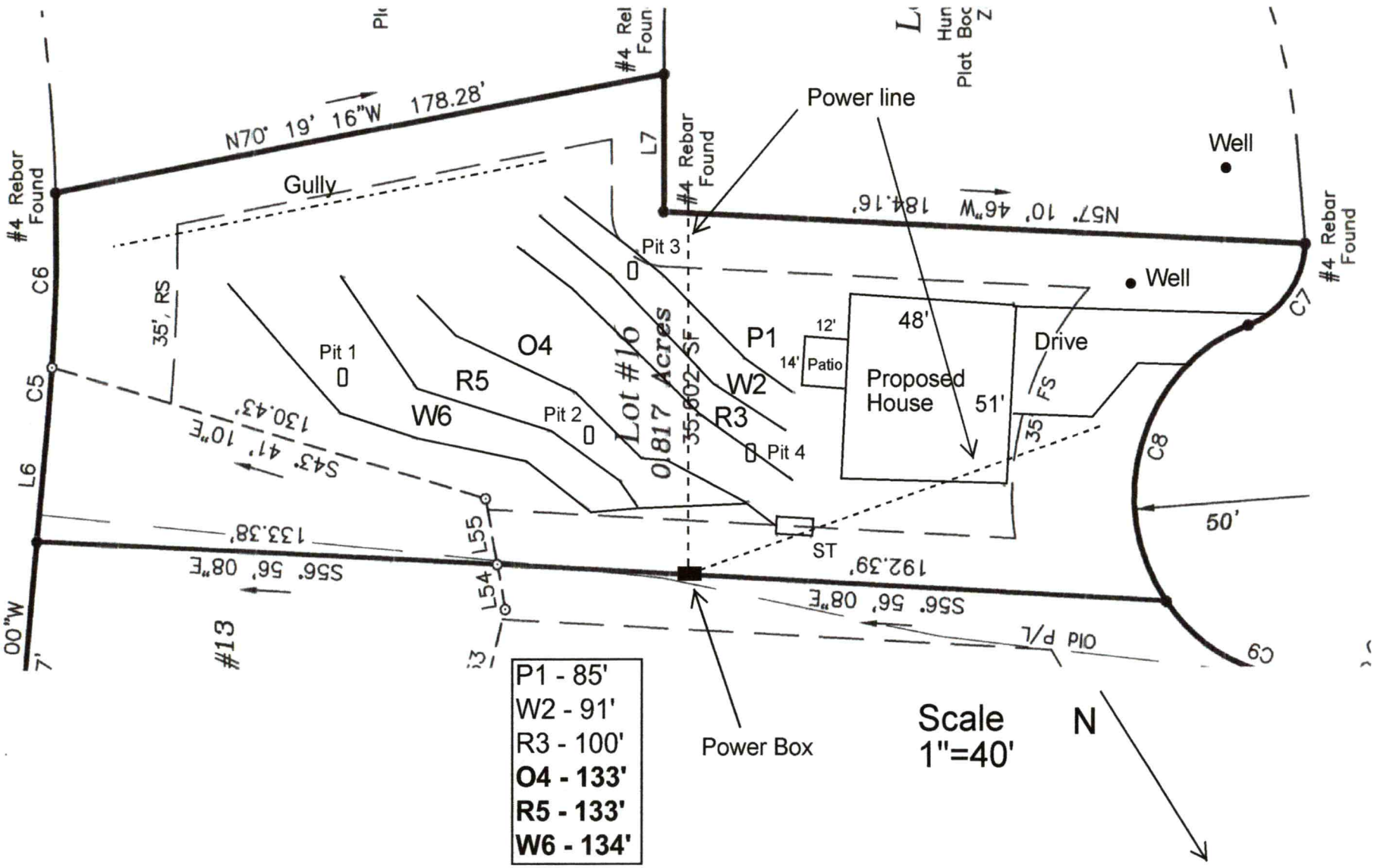
USE THIS SPACE TO DRAW YOUR SITE PLAN

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 plan

Signature: _____ 12/23/2021

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


#4 Rebar Found
#4 Rebar Found
#4 Rebar Found
#4 Rebar Found
N70° 19' 16"W 178.28'
Gully
Power line
Well
Well
Pit 1
Pit 2
Pit 3
Pit 4
O4
R5
W6
P1
W2
R3
Lot #16
0.817 Acres
35,602 SF
48'
12'
14' Patio
Proposed House
51'
Drive
FS
35'
35', RS
C5
C6
C7
C8
L6
L7
L54
L55
133.38'
130.43'
192.39'
50'
ST
#13
P1 - 85'
W2 - 91'
R3 - 100'
O4 - 133'
R5 - 133'
W6 - 134'
Power Box
Scale 1"=40'
N

Expedited Review Process

Checklist For Licensed Soils Scientists

9/28/2015

NOTE: ALL Of The Following Must Be Complete Before Service Requests Are Placed On The Expedited Review Process List. Service Requests May Be Removed From The Expedited Review Process List If Any Items Below Are Not Completed!

An Application For Each Site Proposed Requires Submittal Of This Information:

✓ *A Copy of This Completed Checklist*

✓ Iredell County Health Department *Application For Improvement Permit* form completed and properly signed by owner or applicant (15A NCAC 18A .1937)

✓ Iredell County Health Department *Site Plan* form completed and properly signed by owner or applicant

✓ A copy of the Iredell County *Zoning Permit* (if required)

✓ *Documentation to Authorize an Owners Legal Representative* form

___ *Voluntary Relinquishment of Administrative Appeal Rights* form for all Re-layouts

✓ Owner or Clients contact information, included on application or part of submitted design

✓ NCDENR *Soil/Site Evaluation for On-Site Septic System* form completed - clearly describing all soil pits or borings made at the site (15A NCAC 18A .1939). Minimum of two provisionally suitable auger borings or two evaluation pits must be described for both the proposed initial septic system area and the proposed repair area (if repair area is required). Submitted soil information must match the proposed system type and trench depth

✓ Scaled, Detailed Site Plan (using an engineer's scale of 1 "= 30', 1"= 40', 1"= 50' and 1"= 60') Which Must Include:

- ✓ Drainlines for initial and repair system
- ✓ Septic Tank locations identified
- ___ Pump Tank location identified
- ✓ Proposed distribution method must be clearly identified
- ✓ All proposed and existing structures identified
- ✓ Proposed setbacks must be noted
- ✓ Proposed and existing driveway
- ✓ Well locations (if applicable)
- ✓ North arrow identified

___ Pump Systems must note the following elevations on a scaled site plan:

- ___ Pump Tank
- ___ Initial septic system and repair line elevations
- ___ Front or rear of house at point closest to drain field
- ___ Temporary Bench Mark

___ Pump systems calculations (as appropriate) manifold and tap sizes, number of panels, number of holes, hole size, elevation head, friction head, pressure head, total dynamic head, dosing volume, system flow, pump run time, proposed trench bottom of system and repair, supply line length, supply line diameter, LTAR and an information page of special requirements for the installer as needed; any other calculations supporting design.

✓ Septic design signed and sealed by LSS.

✓ Site requirements completed by time of health department staff visit:

- ✓ All under brushing, debris cleanup
- ✓ Property lines MUST be marked by string or flagging if they cannot be observed from all points on the lot
- ✓ Permanent corners must be identified in field, or located by a licensed surveyor as needed.
- ✓ Drainlines/laterals flagged in the field on contour for initial and repair system using different colored pin flags for each line
- ✓ Septic and Pump Tank location marked as required
- ✓ All proposed structures must be staked



Owner Signature

12/23/2021

Date

IREDELL COUNTY · NC

IREDELL COUNTY
PO Box 788
349 North Center St.
Statesville, NC 28677

APPLICATION NUMBER
324174 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4636673857.000	130 DABBLING DUCK CIR	Iredell County

Owner Information	Applicant Information
Name: APPALACHIAN ADVENT CHRISTIAN ASSOC INC	Name: MICHAEL ATHANAS & ASSOCIATES
Address: ,	Address: 561 ENNIS RD WEDDINGTON, NC 28173
Phone:	Phone: (704)576-3887

Use Requested	Zone Code
Single Family Dwelling	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0.817	35	35	15	15	WSIV-CA Catawba/Lake Norman	NO

Remarks
SFD

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Date: 12/23/2021

Signature of Owner/Contractor

Permit Number	324174	TOTAL FEES:	

PROPERTY ID #: 4636673857
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

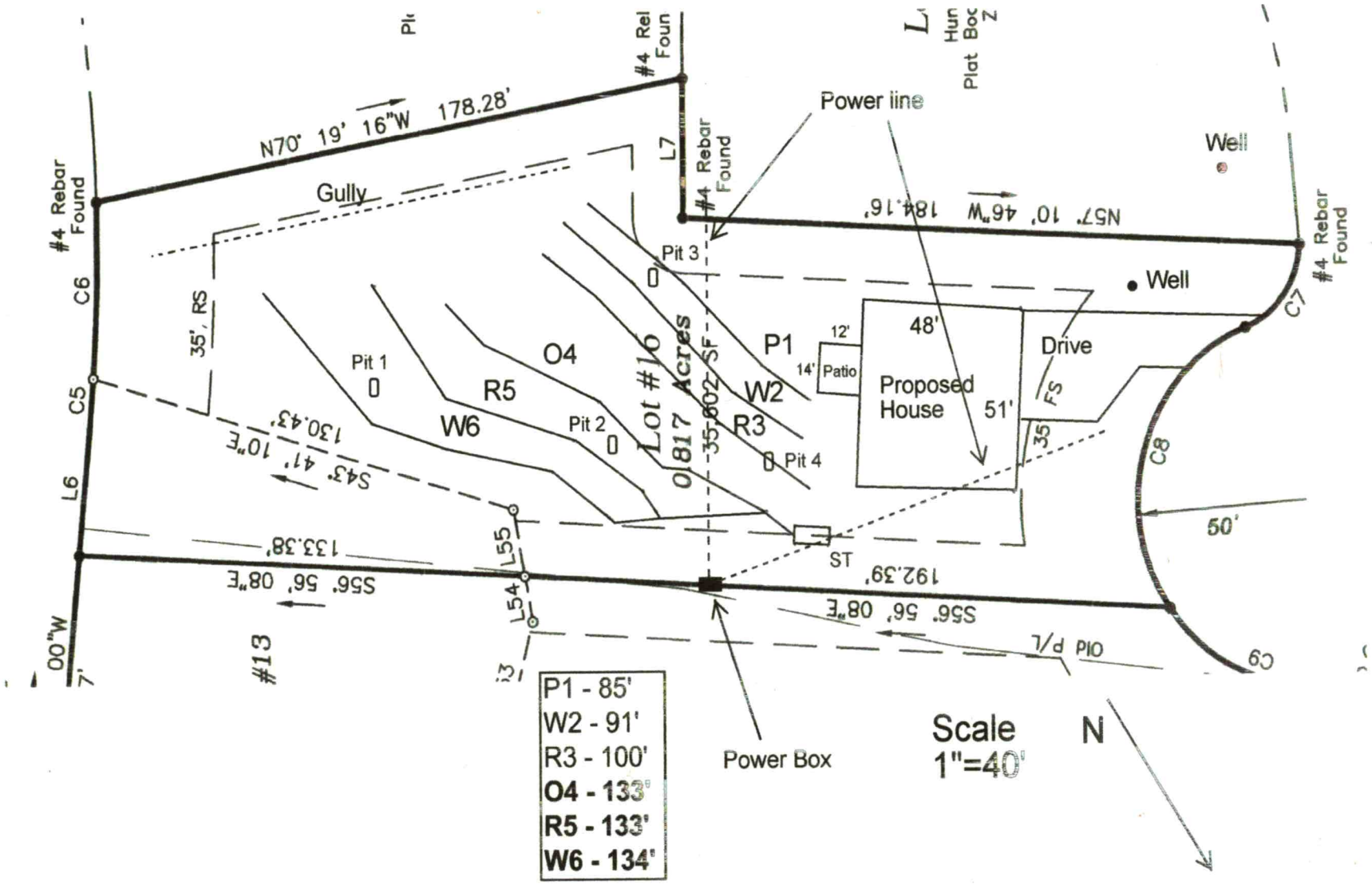
OWNER: Peachtree Residential
APPLICATION DATE
ADDRESS: 9525 Birkdale Crossing Dr, STE 208, Huntersville, NC 28078
DATE EVALUATED: 10/2021
PROPOSED FACILITY: 4 BDRM
PROPOSED DESIGN FLOW (.1949): 480 GPD
PROPERTY SIZE: 0.817 AC
LOCATION OF SITE: 130 Dabbling Duck Cir, Fairfax at Mallard Head Lot 16
PROPERTY RECORDED: 2021
WATER SUPPLY: X Private ☐ Public X Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring X Pit ☐ Cut
TYPE OF WASTEWATER: X 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	LS 6%	0-14	Br SCL WSBK	FR SS SP SXP	N/A	58"	N/A	N/A	PS 0.3
		14-36 38	R C SBK	FR SS SP SXP					
		36-58	R CL WSBK	FR SS SP SXP					
2	LS 6% water	0-6 10	Br CL WSBK	FR SS SP SXP	N/A	50"	N/A	N/A	PS 0.3
		6-38	R C SBK	FR SS SP SXP					
		38-56 64	R CL WSBK	FR SS SP SXP					
3	LS 8%	0-16	Br CL WSBK	FR SS SP SXP	N/A	58"	N/A	N/A	PS 0.3
		16-38	R C SBK	FR SS SP SXP					
		38-58 62	R CL WSBK	FR SS SP SXP					
4	LS 8% water	0-6	Br CL WSBK	FR SS SP SXP	N/A	56"	N/A	N/A	PS 0.3
		6-34	R C SBK	FR SS SP SXP					
		34-56 63	R CL WSBK	FR SS SP SXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 FT^2	5000 FT^2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.3	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MA&A
OTHER(S) PRESENT:

COMMENTS: Mica common throughout, sap in CL common all strata


#4 Rebar Found
N70° 19' 16"W 178.28'
Gully
#4 Rebar Found
Power line
Well
N57° 10' 46"W 184.16'
#4 Rebar Found
Pit 3
Well
C6
C5
L6
35', RS
Pit 1
O4
R5
W6
Pit 2
Lot #16
0.817 Acres
35,602 SF
P1
W2
R3
Pit 4
12'
14' Patio
48'
Proposed House
51'
Drive
FS
35'
C7
C8
50'
S43° 41' 10"E 130.43'
133.38'
S56° 56' 08"E
L55
L54
ST
192.39'
S56° 56' 08"E
#13
P1 - 85'
W2 - 91'
R3 - 100'
O4 - 133'
R5 - 133'
W6 - 134'
Power Box
Scale 1"=40'
N