ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # AP-~~308253~~ 237263

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

PIN # 4664-86-4820

APPLICANT/OWNER: PEACHTREE RESIDENTIAL, LLC, APPLICANT ADDRESS: 9525 BIRKDALE CROSSING DRIVE, SUITE 208, HUNTERSVILLE, N.C. 28078

SITE ADDRESS: 116 BROAD BIRCH DRIVE, DAVIDSON, N.C. 28036 PHONE: 704-928-9215 ALT. PHONE 704-576-3887 LSS

SITE DIRECTIONS: (S) ON 3, (R) ON JOHNSON DAIRY, (L) ON SHEARERS, (L) ON ANNISTON, (R) ON BURRELL, (L) ON WALKING HORSE, (R) ON BROAD BIRCH, LOT ON (R)

SUBDIVISION: RIDGE WALK SECTION: — LOT # 7 LOT AREA: 0.667 AC SAP CONTROLLED: ☐ YES ☑ NO DESIGN FLOW: 480 GPD L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB 760	Date 11/30/2020	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms 4	Water Supply
Pump Tank	1000	(gal)	PT 363	Date 2/28/2021	System Description: 50% REDUCTION - PPBPS - P.M.				☐ Business	No. Persons 8	☑ Private
Pump Make	Liberty		Model 240	Serial #	Repair System Description: 50% REDUCTION - PPBPS				☐ Other	No. Employees —	☐ Public
# Nitrification Fields	1		# Lines 10	Linear Ft 270ft	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☑ Crawl Space	☐ Community
Trench Width	24 IN		Trench Bottom Depth(Low side)	28 IN	Gravel Depth —	☐ GRAVITY	☒ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing	

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 8FT CENTERS, MAINTAIN 15FT FROM WATERS EDGE of POOL, MAINTAIN 50FT FROM ALL WELLS

THE PURPOSE OF THIS PERMIT IS TO ADD A PROPOSED POOL TO THE SITE PLAN,

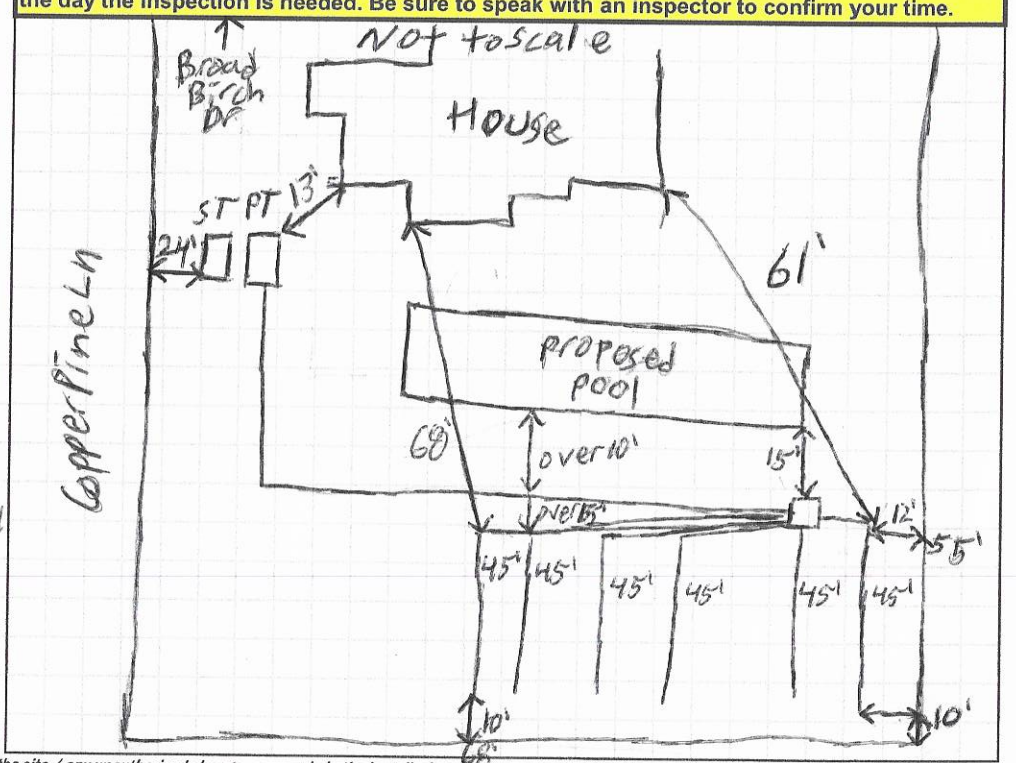
INITIAL SITE SKETCH

SEE ATTACHED SITE PLAN BY: MICHEAL ATHANAS AND ASSOCIATES LSS

4/22/2021: Tanks checked Filter was in ST, Pump was in PT but not connected to anything. PM box and Drainlines checked and were good. Gary supposed to send something since a line had to be moved.

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: 1-21-21 Installed by: Richard A

IMPROVEMENT PERMIT by: Bryant C. White Date: 1-5-2021 OPERATION PERMIT by: D Weberg Date: 6/22/21

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 1-5-2021 Existing System Inspected by: _____ Date: _____

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

	Date	Initials
Drain Lines Checked	4/22/2021	PJB
Tanks Checked	4/22/2021	PJB
Pressure Manifold or Valve Box Checked	4/22/2021	PJB
Pressure Head Set	6/22/21	DW
Electrical Checked	6/22/21	DW
Floats Set	6/22/21	DW
Alarm Checked	6/22/21	DW
Maintenance Contract Y / (N)	not Required	
Comments:		

Updated Layout



TABLE	
NG	DISTANCE
05"E	43.55'
05"E	16.86'

CURVE TABLE			
JS	ARC	BEARING	CHORD
00'	44.24'	S 71°26'08" E	40.34'
00'	81.48'	S 33°51'29" E	81.39'
00'	159.27'	N 46°12'03" E	156.97'

PLOT PLAN

LOT 7 – RIDGE WALK SUBDIVI

MAP 2

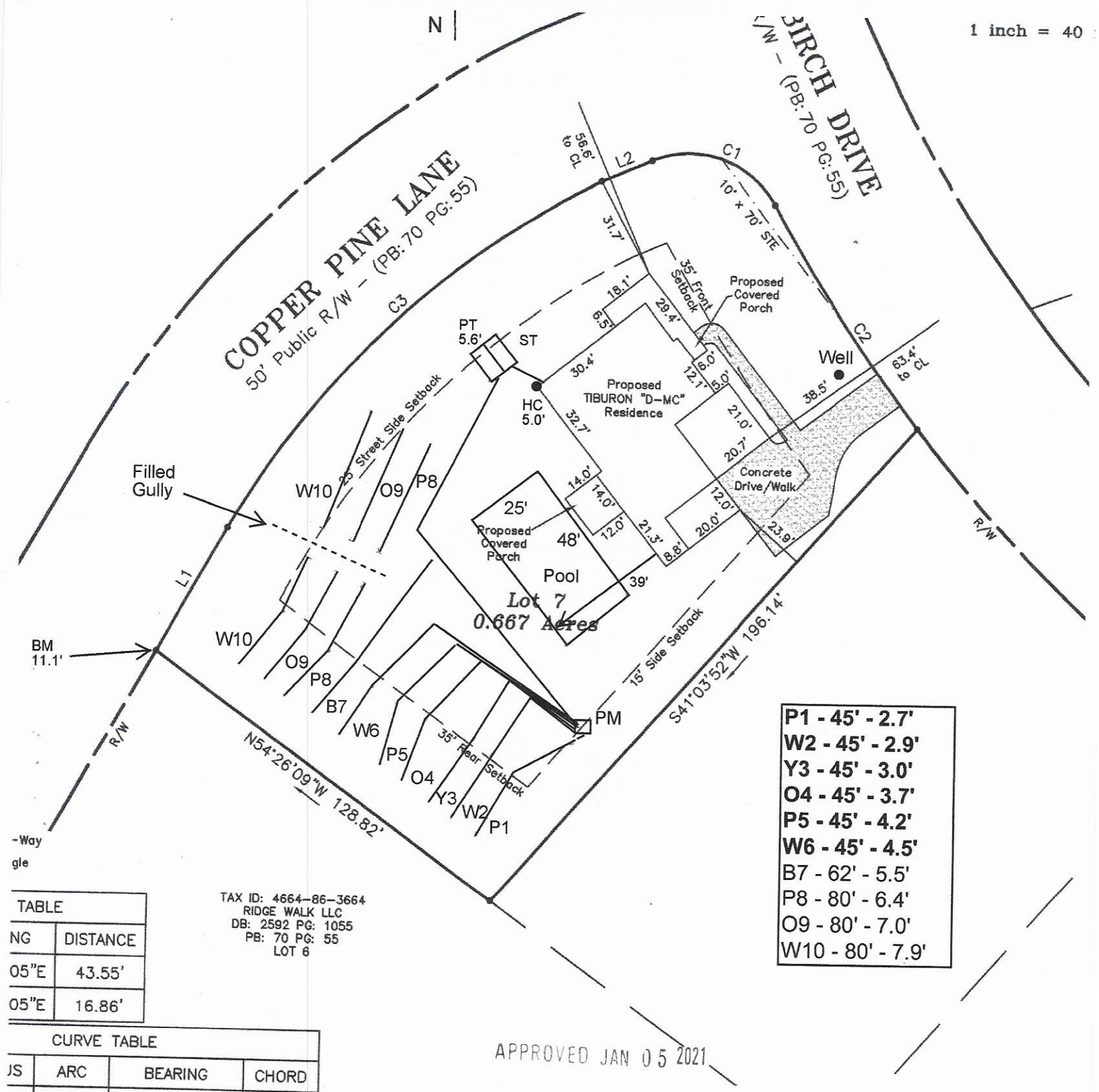


TABLE	
NG	DISTANCE
05"E	43.55'
05"E	16.86'

TAX ID: 4664-86-3664
RIDGE WALK LLC
DB: 2592 PG: 1055
PB: 70 PG: 55
LOT 6

CURVE TABLE			
JS	ARC	BEARING	CHORD
00'	44.24'	S 71°26'08" E	40.34'
00'	81.48'	S 33°51'29" E	81.39'
00'	159.27'	N 46°12'03" E	156.97'

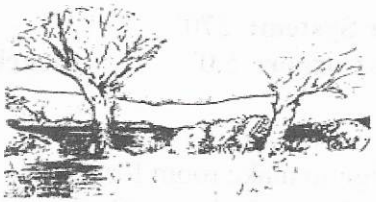
P1 - 45' - 2.7'	
W2 - 45' - 2.9'	
Y3 - 45' - 3.0'	
O4 - 45' - 3.7'	
P5 - 45' - 4.2'	
W6 - 45' - 4.5'	
B7 - 62' - 5.5'	
P8 - 80' - 6.4'	
O9 - 80' - 7.0'	
W10 - 80' - 7.9'	

APPROVED JAN 05 2021

PLOT PLAN

LOT 7 – RIDGE WALK SUBDIVI

MAP 2



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887
12/1/2020

Reference: Data Sheet for 116 Broad Birch Dr, Ridge Walk Lot 7
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side, 25' side street
Water Source: Private Well
Number of Bedrooms/Daily Flow: 4/480 GPD
Predetermined LTAR: 0.3 GPD/FT^2
Proposed System Type: PPBPS
Proposed Repair System Type: PPBPS
Distribution: Pressure Manifold
Flow per Tap: 5.48 GPM
Tap Size and Material: ½" SCH 80
System Flow: 32.9 GPM
Dosing Volume: 216 gallons
Pump Run Time: 6.6 minutes
Elevation Head: 7.9'
Friction Head: 3.2'
Pressure Head: 2'
Total Dynamic Head: 13.1'
Supply Line Length: 130' of 2" PVC
Septic/Pump Tank Size: 1000/1000 gallons
Proposed Trench Bottom: 28"



Line	Design Length	# of Panels	Actual Length	Elevation
Pink 1	**45'**	**10**	**45'**	**2.7'**
White 2	**45'**	**10**	**50'**	**2.9'**
Yellow 3			30'	3.0'
Orange 4	**45'**	**10**	**58'**	**3.7'**
Pink 5	**45'**	**10**	**58'**	**4.2'**
White 6	**45'**	**10**	**59'**	**4.5'**
Blue 7	**45'**	**10**	**62'**	**5.5'**
Pink 8			80'	6.4'
Orange 9			80'	7.0'
White 10			80'	7.9'

Initial System: 270'
Pump Tank: 5.6'
Repair System: 270'
House Corner: 5.0'
Benchmark: 11.1'

Comments:

MA&A have adjusted the septic design to make room for a pool. The last three lines of the repair cross a filled gully (marked on the original permit). These line will solid pipe across the filled gully.

4/26/2021

As built change

While digging the Y3 line, the installer encountered an area of rock. This line was abandoned and saved for the repair area. B7 was installed in its place.

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

Sheet 1 of 1
PROPERTY ID #: 4664868464.
COUNTY: Iredell.

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

OWNER: Foster
ADDRESS: PO Box 39 Cornelius NC.
PROPOSED FACILITY: 4BR Dwn PROPOSED DESIGN FLOW (.1949): 480.
LOCATION OF SITE: 116 Broadbeach Davidson.
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut

APPLICATION DATE 7/16/18
DATE EVALUATED: 7/27/18
PROPERTY SIZE: 41 AC
PROPERTY RECORDED: YES.
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	Side V-12%	0-30	C SBk	SS SP FR SEXP	2.5YR4/6.	48	Low	—	PS .3
		30-48	CL WSBk	SS SP FR					
		48-53	SAP ML	WSAP VFR					
2	Side 8-12%	0-30	C SBk	SS SP FR SEXP	" "	56.	—	—	PS .3.
		30-56	CL WSBk	SS SP FR					
3	Side 8-12%	0-26	C SBk	SS SP FR SEXP	" "	42.	Low	—	PS .3
		26-42	CL WSBk	SS SP FR					
		42-55	SAP ML	WSAP VFR					
4	Side 8-12%	0-19	C SBk	SS SP FR SEXP	" "	52.	Low	—	PS .3
		19-52	CL WSBk	SS SP FR					
		52-64	SAP ML	WSAP VFR					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	270	270
System Type(s)	TV 50% CP	TV 50% CP
Site LTAR	.30	.30.

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: B. Mains
OTHER(S) PRESENT:

COMMENTS: 5) 0-26 26-42 42-63 MSAP ML

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) O (Organic)	0.4 - 0.1 None	0.2 - 0.05 None

MINERALOGY/ CONSISTENCE	STRUCTURE
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)

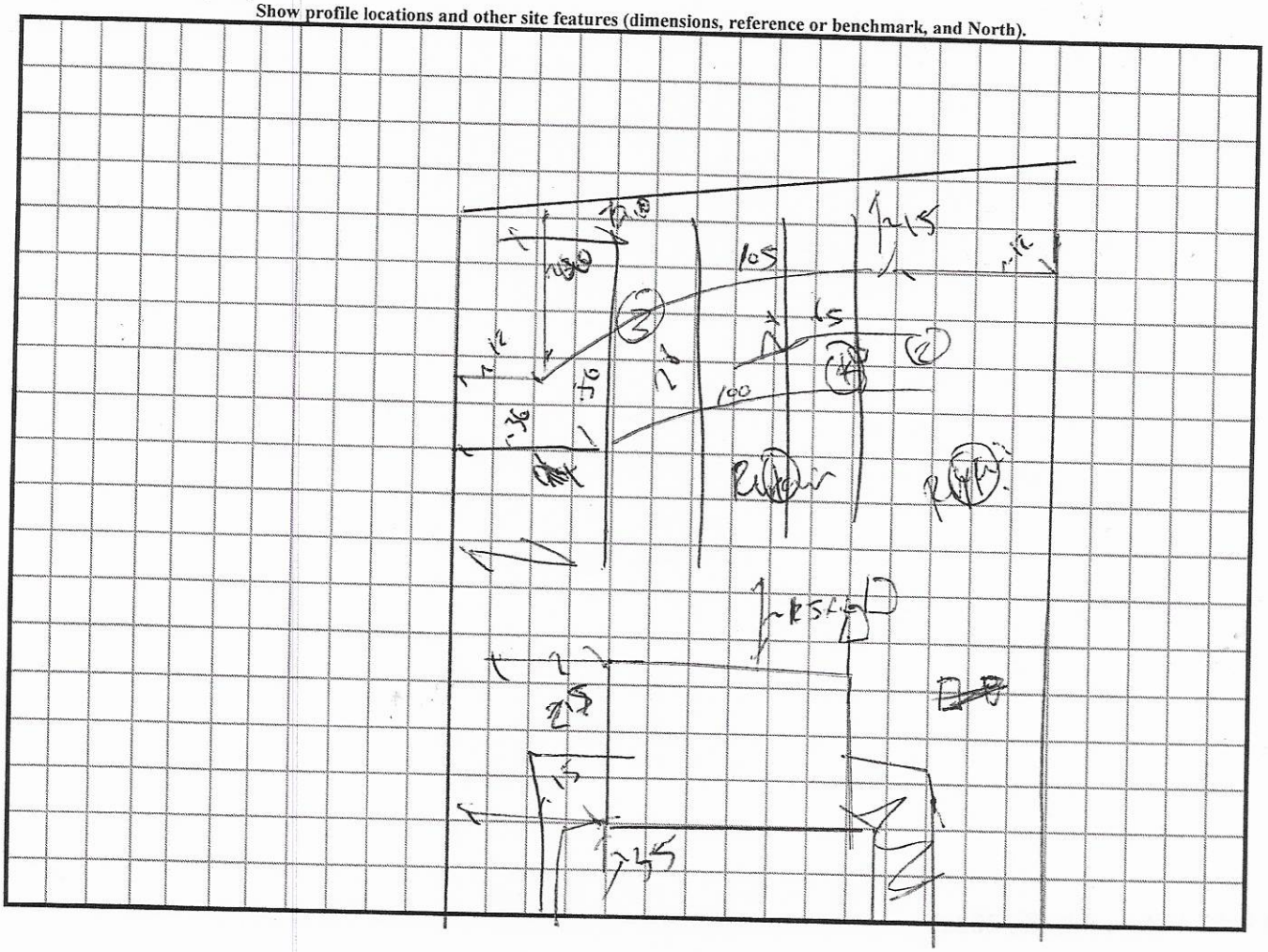
*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

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/ft²

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



RECEIVED DEC 1 0 2020 AP 308233 Pd. $225.00

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM Intermediate Relayout

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) Septic Improvement Permit (X) 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: 116 Broad Birch Dr - Davidson 28036

Subdivision Name: Ridge Walk **Section/Phase:** — **Lot Number:** 7

Driving Directions: _____

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

CHECK FOUNDATION TYPE

( ) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: _____

Maximum Number of Bedrooms: 4
Maximum Number of Occupants: 8
(X) Swimming Pool
( ) Other Addition/Structure: _____

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

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:** _____

(X) 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: _____

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: _____ 12/9/2020
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

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 116 Broad Birch Dr Ridge Walk Lot 7, identified as PIN (Parcel Identification Number) 4664864820, 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.

12/9/2020

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

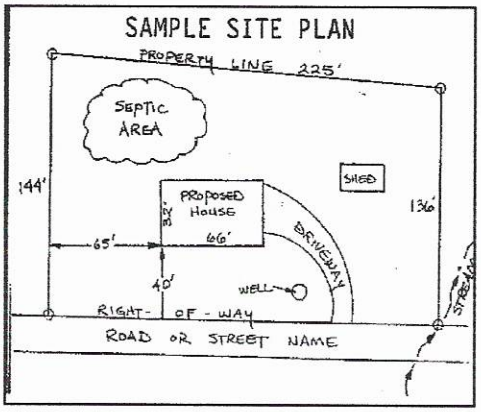
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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**

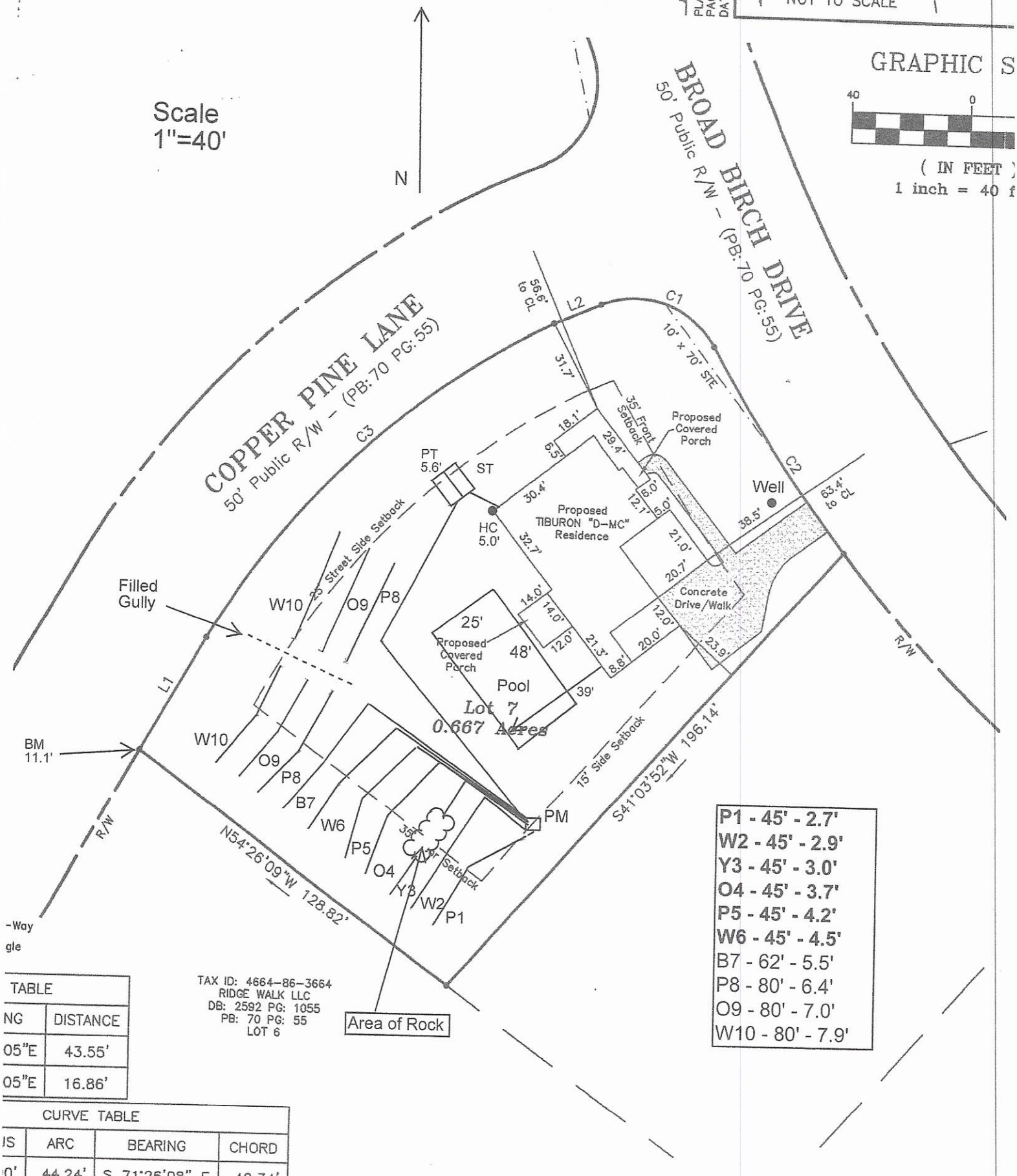
USE THIS SPACE TO DRAW YOUR SITE PLAN

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: _____ 12/9/2020

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



NOT TO SCALE

GRAPHIC S

40 0

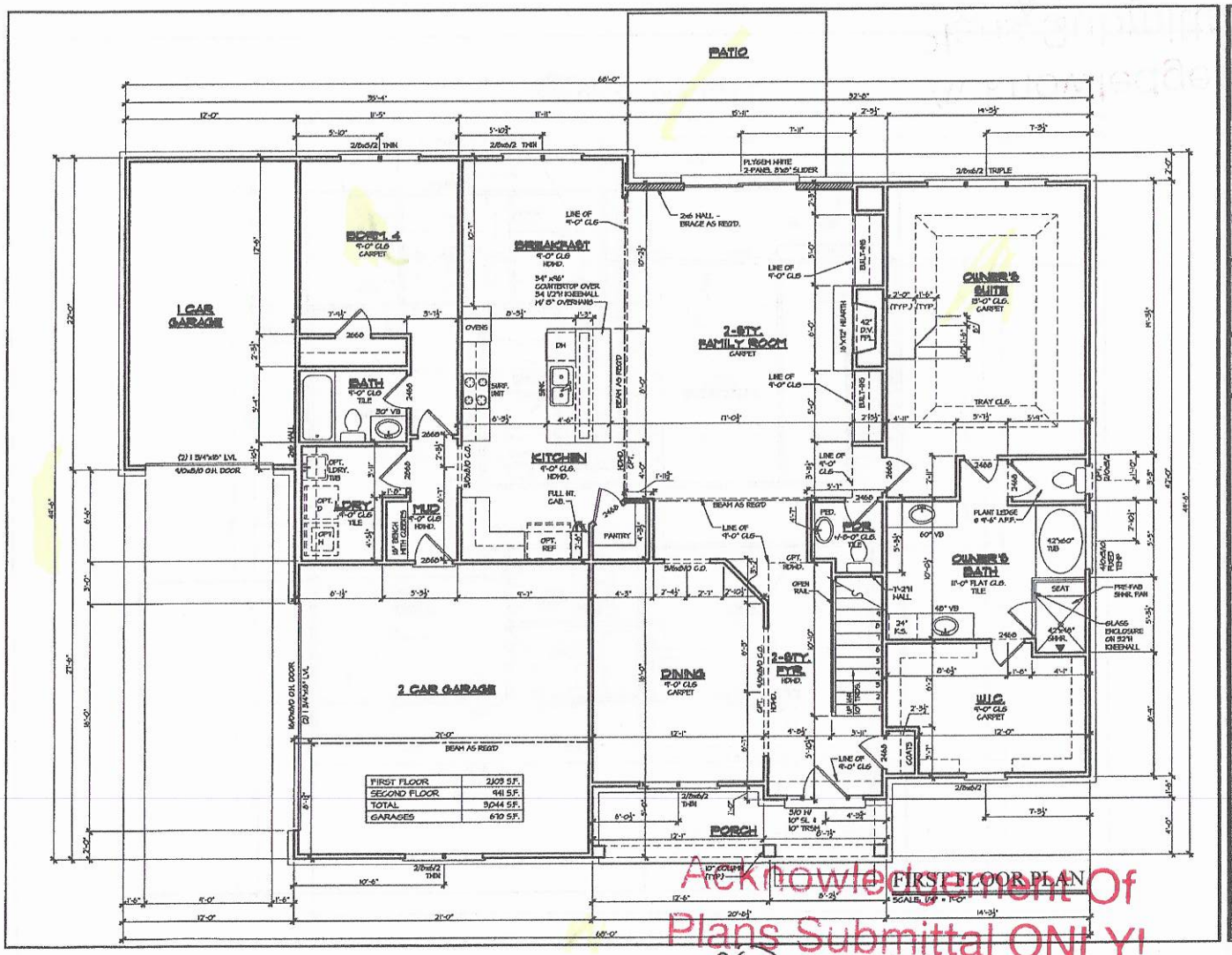
(IN FEET)
1 inch = 40 f

TAX ID: 4664-86-3664
RIDGE WALK LLC
DB: 2592 PG: 1055
PB: 70 PG: 55
LOT 6

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PLOT PLAN
LOT 7 - RIDGE WALK SUBDIVI
MAP 2



PEACHTREE RESIDENTIAL PROPERTIES
The Builder Who Listens

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: DAC
Date: 10/11/17
Plan No:

Revision:

Model Name: TIBURON "B-MC"
Sheet Title: FIRST FLOOR PLAN
SHEET NO. A3.1

Acknowledgement Of
Plans Submittal ONLY!

Elizabeth Rose 6/11/20 Date

Bryan Bass Date 6/18/2020

IREDELL COUNTY

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

APPLICATION NUMBER
237263
Issue Date: 07/16/2018

ZONING PERMIT
Open Space

Parcel Number	Street Address	Jurisdiction
4664868764.000	116 BROAD BIRCH DRIVE, DAVIDSON, NC 28036	

Owner Information	Applicant Information
Owner: YOUNG MICHAEL L+FAYE	Applicant: MICHAEL ATHANAS & ASSO
Address: 2360	Address: 561 ENNIS RD
IREDELL CO, NC 28625	WEDDINGTON, NC 28173
Phone:	Phone: 704-576-3887

Use Requested	Zone Code
SFD	

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
41.000	35.00	35.00	15.00	25.00	NOT	AE

Remarks:

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.

Applicant: _____ Date: _____

Permit Number	145609	TOTAL FEES:	$ 77.25