ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 315146

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

PIN # 4635-97-3049

APPLICANT/OWNER: Grandfather Homes | APPLICANT ADDRESS: 1111 Central Ave Suite 320 Charlotte, NC 28204

SITE ADDRESS: 123 Potomac Ln Mooresville NC 28117 | PHONE: 980 219-7480 | ALT. PHONE:

SITE DIRECTIONS: Alcove Rd TR Templeton Tl Camino Real TR Potomac on left | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Preserve at Windsor Pointe | SECTION: | LOT # 1/1A | LOT AREA: 1.615 Ac+ .241 SFE | DESIGN FLOW: 600 | L.T.A.R. .275/.1 Rep

Septic Tank	1500 (gal)	STB	389	Date	6/7/22	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 5
Pump Tank	1500 (gal)	PT	363	Date	6/7/22	System Description:	Pump-LP-VP anel Block			☐ Business	No. Persons 10
Pump Make		Model		Serial #		Repair System Description:	Drip Dispersal (off S.Tc			☐ Other	No. Employees
# Nitrification Fields	1	# Lines	6	Linear Ft	365'	Maintenance Agreement Required:	☒ YES	☐ NO		☐ Slab	☒ Crawl Space
Trench Width	min 24"	Trench Bottom Depth (~~Low side~~) MAX	36"	Gravel Depth	N/A		☐ GRAVITY	☒ PRESSURE		☐ Basement w/ plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Divert Storm/Surface water away from Septic
Extend drain pipe to buffer zone.

*Do not grade or do any work in Septic area when wet.
(Septic Easement recorded deed attached)

INITIAL SITE SKETCH

** Must keep pool a minimum of 15ft from Septic System. Water lines for pool must be at least 10ft from Septic

See attached, approved plan by Michael Athanas & Associates (approved 8/20/21)

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.

4-30-22 - Lines checked.
Need to see Baffle mark.
- IRRIGATION MUST BE MOVED

CHSite: Plat 69 129 Language: 2840, 235

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: John K Hagler Date: 8/20/2021 Installed by: Richard Abernethy

IMPROVEMENT PERMIT by: Maria Dotson Date: 8/20/21 OPERATION PERMIT by: D Wrenberg Date: 10/12/22

AUTHORIZATION TO CONSTRUCT by: Maria Dotson Date: 8/20/21 Existing System Inspected by: Date:

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

Irrigation Moved 10/12/22 DW

	Date	Initials
Drain Lines Checked	8/30/22	BB
Tanks Checked	9/1/22	DW
Pressure Manifold or Valve Box Checked	9/1/22	DW
Pressure Head Set	10/5/22	~~BDD~~ BB
Electrical Checked	10/12/22	DW
Floats Set	10/7/22	BCW
Alarm Checked	10/7/22	BCW
Maintenance Contract (Y) / N		

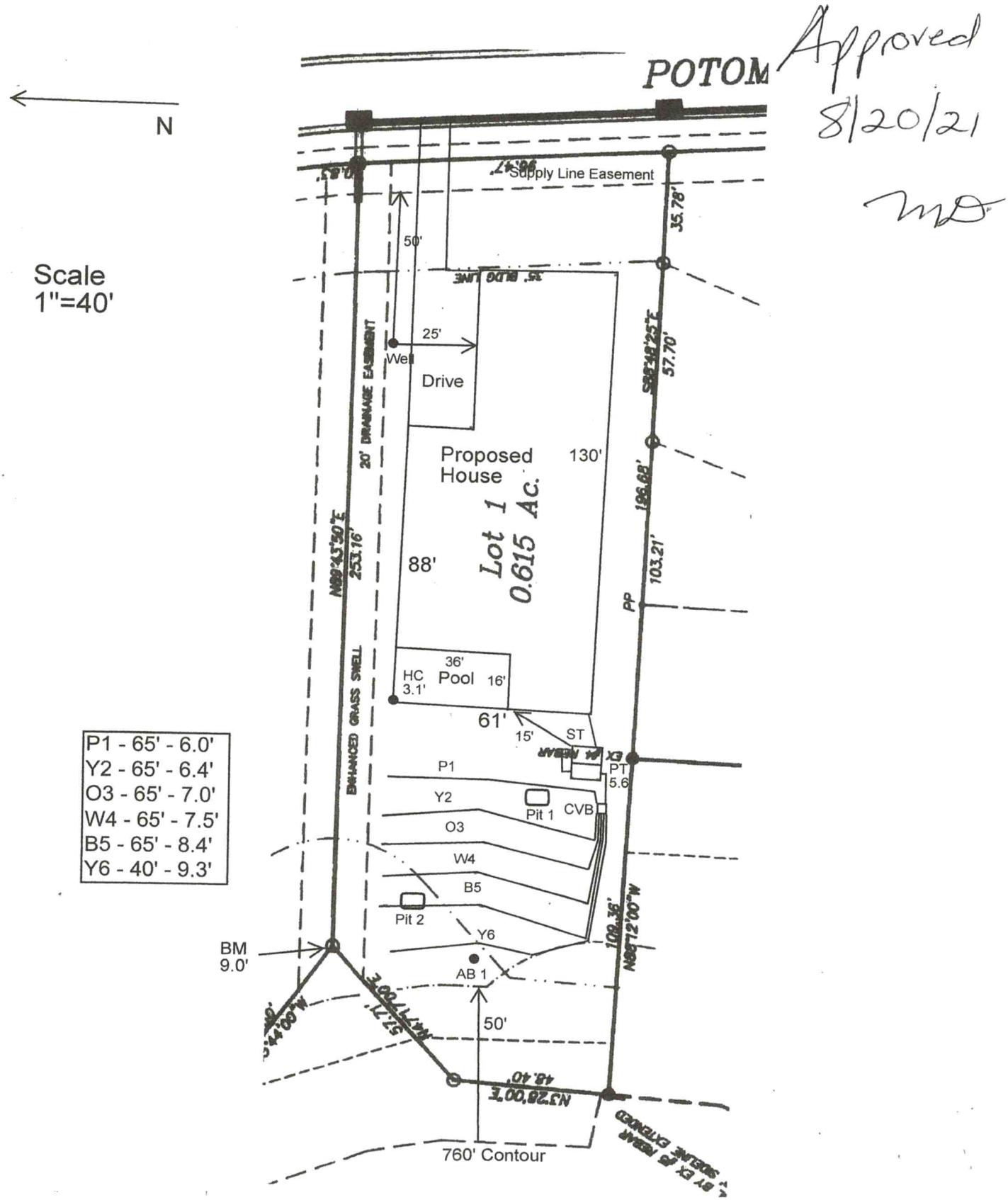
* Buffer Marked to verify Lines not in it ✓

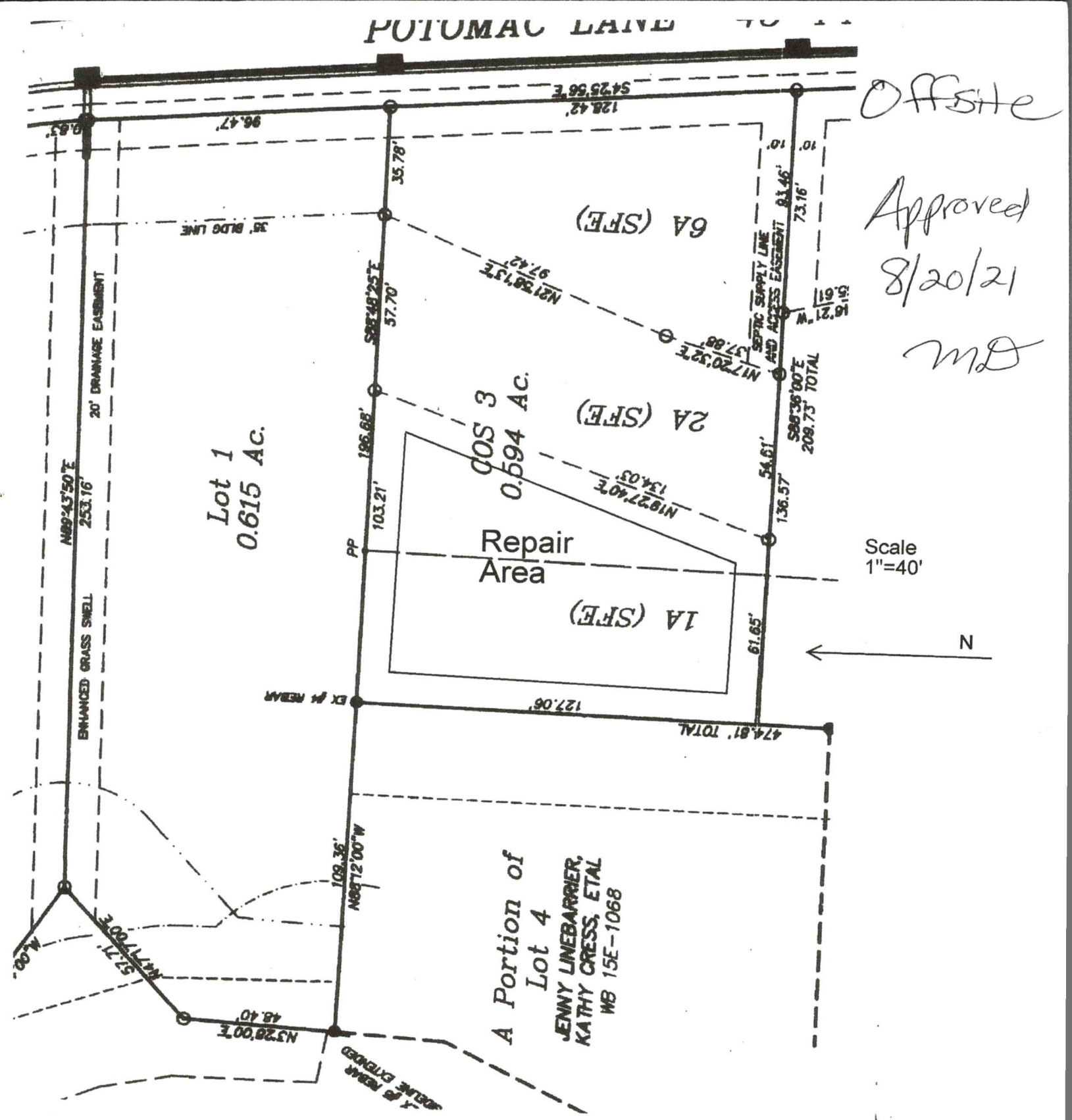
	Date	Initials
Drain Lines Checked	8/30/22	BB
Tanks Checked	9/1/22	DW
Pressure Manifold or Valve Box Checked	9/1/22	DW
Pressure Head Set	10-5	BD
Electrical Checked	10-7-2022	BCW
Floats Set	10-7-2022	BCW
Alarm Checked	10-7-2022	BCW
Maintenance Contract (Y) / N	10/5	BB

* Buffer Marked to verify Lines not in it ✓ 10-7-2022 BCW

– IRRIGATION MUST BE MOVED

Approved
8/20/21
MD




POTOMAC LANE
Offsite
Approved
8/20/21
MD
Lot 1
0.615 Ac.
LOS 3
0.594 Ac.
6A (SFE)
2A (SFE)
1A (SFE)
Repair
Area
Scale
1"=40'
N
20' DRAINAGE EASEMENT
ENHANCED GRASS SWELL
SEPTIC SURPLY LINE
AND ACCESS EASEMENT
A Portion of
Lot 4
JENNY LINEBARRIER,
KATHY CRESS, ETAL
WB 15E-1068



Approved
8/20/21
MD

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
556 Walden Trail
Weddington, NC 28173
(704) 576-3887
2/12/2021

Reference: Data Sheet for 123 Potomac Ln, The Preserve at Winsor Pointe, Lot 1
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side
Water Source: Private well
Number of Bedrooms/Daily Flow: 5/600 GPD
Proposed LTAR: 0.275 GPD/FT^2 (initial), 0.1 GPD/FT^2 (repair)
Proposed System Type: PPBPS
Proposed Repair System Type: Drip Dispersal
Distribution: Low Pressure-CVB
Flow per Orifice: 0.41 GPM
Orifice Size: 5/32"
System Flow: 34.4 GPM
Dosing Volume: 302.4 gallons
Pump Run Time: 8.8 minutes
Elevation Head: 4.6'
Friction Head: 0.4'
Pressure Head: 2'
Total Dynamic Head: 7'
Supply Line Length: 15' of 2" PVC
Septic/Pump Tank Size: 1500/1500 gallons
Proposed Trench Bottom: 36" (initial), 24" (repair)



Line	Design Length	# of Panels	Actual Length	Elevation
Pink 1	65'	15	65'	6.0'
Yellow 2	65'	15	65'	6.4'
Orange 3	65'	15	65'	7.0'
White 4	65'	15	65'	7.5'
Blue 5	65'	15	65'	8.4'
Yellow 6	40'	9	43'	9.3'

Initial System: 365'
Pump Tank: 5.6'
Benchmark: 9.0'
Repair System: 6300 FT^2
House Corner: 3.1'

Approved

Comments:

MA&A are proposing to change the initial system to the lake side of the house. The repair area will remain unchanged. 8/20/21

Fence off the initial septic area during construction to keep traffic off the area. Do not grade or and do not work in septic area when it is wet. Any disturbance of the septic area could result in the permit being revoked.

MD

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SUBDIVISION: Preserve at Windsor Pointe | SECTION: | LOT # 1/1A | LOT AREA: .615Ac+.241 SFE | DESIGN FLOW: 600 | L.T.A.R.: .275/.1Rep

Septic Tank	1500 (gal)	STB	Date	☒ New System ☐ Repair ☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms	5	Water Supply
Pump Tank	1500 (gal)	PT	Date	System Description:	Pump-LP-VPanel, Block	☐ Business	No. Persons	10	☒ Private
Pump Make		Model	Serial #	Repair System Description:	Drip Dispersal (Off-Site)	☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines 6	Linear Ft 365'	Maintenance Agreement Required:	☒ YES ☐ NO	☐ Slab	☒ Crawl Space		☐ Community
Trench Width	min 24"	Trench Bottom Depth (~~Low side~~) Max	36"	Gravel Depth	N/A ☐ GRAVITY ☒ PRESSURE	☐ Basement w/ plumbing			☐ Basement w/o plumbing

Comments / Conditions: Divert storm/surface water away from Septic
Extend drain pipe to buffer zone.

*Do not grade or do any work in Septic area when wet.
(Septic Easement recorded deed attached)

INITIAL SITE SKETCH

** Must keep pool a minimum of 15ft from Septic System. Water lines for pool must be at least 10ft from Septic.

See attached, approved plan by Michael Athanas & Associates (approved 8/20/21)

Offsite: Plat 69, 129 Language: 2840, 235

AS BUILT SKETCH

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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: John K Hagen Date: 8/30/2021 Installed by:

IMPROVEMENT PERMIT by: Maria Dotson Date: 8/20/21 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Maria Dotson Date: 8/20/21 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	8/30/22	BB
Tanks Checked	9/1/22	DW
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? _____	

Type: CONSOLIDATED REAL PROPERTY
Recorded: 8/9/2021 1:58:22 PM
Fee Amt: $26.00 Page 1 of 4
Revenue Tax: $0.00
Iredell County, NC
Maureen P. Purcell Register of Deeds

BK 2840 PG 235 - 238

NORTH CAROLINA GENERAL WARRANTY DEED

Excise Tax $-0- right of way	Recording Time, Book and Page

Tax Lot No. _____ Parcel Identifier No. _____
Verified by _____ County on the _____ day of _____, _____
by _____

Mail after recording to atty 2250 Godbey Rd Woodleaf NC 27054

This instrument was prepared by . M B BLANKENSHIP, JR ESQ, STATE BAR NO 6037

Brief description for the Index LOT 1,2,5,& 6 WINDSOR POINTE

THIS DEED made this 5th day of AUGUST, 2021, by and between

GRANTOR	GRANTEE
TIMBERLINE, A NORTH CAROLINA LIMITED PARTNERSHIP 2250 Godbey Rd Woodleaf, N C 27054	GRANDFATHER HOMES, INC, a North Carolina Corporation 111 Central Ave #320 Charlotte NC 28204

Enter in appropriate block for each party: name, address, and, if appropriate, character of entity, e.g. corporation or partnership.

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that

certain lot or parcel of land situated in the City of _____, _____ Township, IREDELL County, North Carolina and more particularly described as follows:

BEING A PERMANENT AND PERPETUAL NON-EXCLUSIVE WASTEWATER SYSTEMC EASEMENT CONSISTING OF SEPTIC SUPPLY LINE AND ACCESS EASEMENT FROM LOTS 1, 2,5,& 6 WINDSOR POINTE SUBDIVISION TO LOTS 1A, 2A, AND 3A WINDSOR POINTE, AS SHOWN ON PLAT OF SAID SUBDIVISION OF RECORDED AT BOOK 69 PAGE 129 IN THE OFFICE OF THE IREDELL COUNTY REGISTER OF DEEDS

THE AFORESAID EASEMENT SHALL BE APPURTENANT TO AND TRANSFER WITH SAID LOT OFWINDSOR POINTE. THE SEPTIC LOT SHALL RUN WITH THE LAND , SHALL NOT BE AFFECTED BY CHANGE OF

R.O.T.C.

Page Count: 4
☐NS ☐PQ ☐SI

OWNERSHIP OR CONTROL AND SHALL TRANSFER WITH THE OWNERSHIP OF THE LOT IT IS APPURTENANT TO

THE ENTIRE WASTEWATER SEWAGE SYSTEM SHALL BE ON PROPERTY OWNED OR CONTROLLED BY THE PERSON OWNING OR CONTROLLING THE SYSTEM. THE NECESSARY EASEMENTS AND RIGHTS OF WAY TO THE SEPTIC LOTS ARE PROVIDED AND GRANTED PER THE PLAT RECORDED AT BOOK 69, PAGE 129, THERE IS FURTHER GRANTED TO THE LOT OWNER A RIGHT OF INGRESS AND EGRESS AS NEEDED FOR SYSTEM INSTALLATION, OPERATION, MAINTAINENCE, MONITORING AND REPAIRS

A MAP SHOWING THE ABOVE DESCRIBED PROPERTY IS RECORDED IN MAP PLAT 69 PAGE 129

The property hereinabove described was acquired by Grantor by instrument recorded in _____

A map showing the above described property is recorded in Plat Book 69 page 129.

TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantee in fee simple.

And the Grantor covenants with the Grantee, that Grantor is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated. Title to the property hereinabove described is subject to the following exceptions:

IN WITNESS WHEREOF, the Grantor has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, the day and year first above written.

USE BLACK INK ONLY

TIMBERLINE A N C LIMITED PARTNERSHIP (SEAL)
(Corporate Name)

By Malcolm B Blankenship Jr

ITS GENERAL PARTNER President

ATTEST: (SEAL)

Secretary (Corporate Seal)

(SEAL)

(SEAL)

SEAL-STAMP

Alison W. Wilsey
NOTARY PUBLIC
Rowan County
North Carolina
My Commission Expires May 6, 2023

Use Black Ink

NORTH CAROLINA, ROWAN County.

I, a Notary Public of the County and State aforesaid, certify that MALCOLM B BLANKENSHIP JR GENERAL PARTNER OF TIMBERLINE A N C LIMITED PARTNERSHIP Grantor, personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this 6TH day of AUGUST 2021.

My commission expires: 05/06/2025 Alison W. Wilsey Notary Public

SEAL-STAMP

Use Black Ink

NORTH CAROLINA, _____ County.

I, a Notary Public of the County and State aforesaid, certify that _____ personally came before me this day and acknowledged that he is Secretary of _____ a North Carolina corporation, and that by authority duly given and as the act of the corporation, the foregoing instrument was signed in its name by _____ President, sealed with its corporate seal and attested by _____ as its _____ Secretary.

Witness my hand and official stamp or seal, this _____ day of _____ _____.

My commission expires: _____ _____ Notary Public

PROPERTY ID #: 4635973049

COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Approved 3/1/21 MD

OWNER: Timberline

APPLICATION DATE

ADDRESS: 2250 Godbey Rd, Woodleaf, NC 27054

DATE EVALUATED: 2/2021

PROPOSED FACILITY: 5 BDRM PROPOSED DESIGN FLOW (.1949): 600 GPD

PROPERTY SIZE: 0.615 AC

LOCATION OF SITE: 123 Potomac Ln, The Reserve at Winsor Pointe Lot 1

PROPERTY RECORDED:

WATER SUPPLY: X Private ☐ Public X Well ☐ Spring ☐ Other

EVALUATION METHOD: X 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	
PIT 1	LS 5%	0-13	Br SCL/FILL	COMPACTED	Mn	60"	N/A	N/A	PS 0.275
		13-60	R C SBK	FR SS SP SXP					
PIT 2	LS 5%	0-13	FILL		Mn	63"	N/A	N/A	PS 0.275
		13-18	Br CL WSBK	FR SS SP SXP					
		18-63	R C SBK	FR SS SP SXP					
AB 1	LS 7%	0-5	Br CL WSBK	FR SS SP SXP	Mn @ 30"	48"	N/A	N/A	PS 0.275
		5-48	R C SBK	FR SS SP SXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1095 FT^2	6300 FT^2
System Type(s)	PPBPS	DRIP
Site LTAR	0.275	0.1

OTHER FACTORS (.1946):

SITE CLASSIFICATION (.1948): PS

EVALUATED BY: MA&A

OTHER(S) PRESENT:

COMMENTS:

RECEIVED AUG 1 1 2021

APPLICATION MUST BE FILLED OUT COMPLETELY & BE LEGIBLE OR IT WILL NOT BE PROCESSED

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM* AP-315146 $105.00

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) 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: (X) 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: John Gregory Address: 1111 Central Ave Suite 320 Zip: 28204
Applicant Email: john.gregory@grandfather.com Phone: 704-996-4749 Alt. Phone: 980-219-7480
Owner Name: Tango & Cash Address: 1111 Central Ave Suite 320 Zip: 28204
Owner Email: john.gregory@grandfather.com Phone: 704-996-4749 Alt. Phone: 980-219-7480

Property Information:

Street Address: 123 Potomac Ln, Mooresville, NC
Subdivision Name: Windsor Point Section/Phase: _____ Lot Number: 1
Driving Directions: Alcove Rd, TR Templeton, TL Camino Real, TR Potomac Ln

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

(X) 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: 5
Maximum Number of Occupants: 10
(X) Swimming Pool
( ) Other Addition/Structure: _____
Non-Residential Site Development: Type of Business: _____
Square Footage of Building: _____ Max. Number of Employees: _____ Max. Number of Seats/Beds/Other: _____

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

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 (X) Other: LPP Panel Block

Please answer the following to the best of your ability:
( ) Yes (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (X) No Is the site subject to approval by any other public agency?

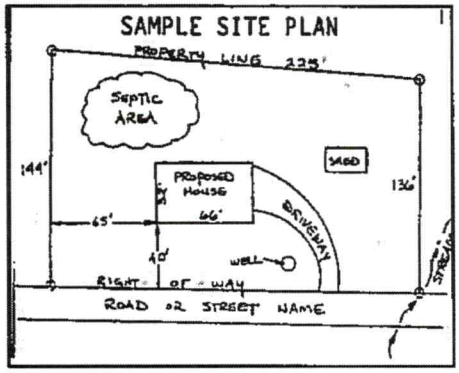
I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible 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: John K Gregory 7/14/2021
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

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:

- (X) **Property Line measurements are clearly identified**
- (X) **All proposed structures are indicated**
- (X) **Front and side setbacks from property line**
- (X) **Preferred driveway location**
- (X) **Preferred well location**
- (X) **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

Signature: _____ _____

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

(Check and sign only ONE of the options below)

1. *** APPLICANT AND OWNER ARE THE SAME. *** (*Sign here*) _____

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.

2. I, Grandfather Homes, Inc., am the legal owner(s) of the property located at 123 Potomac Ln, Mooresville, NC, identified as

PIN (Parcel Identification Number) 4635-97-3049, located in Iredell County, North Carolina.

I do hereby authorize (print **legal representative/company name**) Grandfather Homes Inc, _____, 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.

John K Gr _____ 7/14/2021
Signature of Owner(s) Date

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

GTA Associates, Inc.
Geotechnical and Environmental Consultants
www.gtaeng.com

Daily Report

710 Peninsula Lane, Suite B
Charlotte, NC 28273
(704) 553-2300

Project Name: 129 Patomac Lane, Mooresville, N.C. Date: 7 / 1 /2021 GTA Rep: C. Artman

Project No.: TBD Client: Grandfather Homes Weather: Sunny Temperature: 90 °F

Location of Work:

129 Patomac Lane, Mooresville, N.C. - Footing Evaluation

Plans Referenced:

on site foundation plan

Description of Work:

Pursuant to your request, GTA Associates, Inc. (GTA) visited the subject project on July 1, 2021 to perform a foundation subgrade observation at the referenced lot. The purpose of our site visit was to conduct Dynamic Cone Penetrometer (DCP) testing and provide a bearing capacity assessment for the surficial foundation soils.

When GTA arrived on-site, hand auger borings with DCP tests were conducted at the subgrade elevation at various locations within the excavations. When hand augers were advanced, DCP tests were conducted at one-foot intervals. Based on the results of the hand auger borings performed, residual soils were encountered at the foundation bearing elevation. The residual soils generally consist of sandy silt. DCP values in below surface residual soils were in excess of +15 blows per 1-3/4 inch increment, indicating very stiff consistency.

Based on our visual observations, two #4 reinforcing steel bars were installed in the bottom of the foundation excavation. Based on this evaluation, it is GTA's professional opinion that the soils at the as-built footing elevation are capable of providing the design soil bearing capacity of 2,000 pounds per square foot (psf) at the tested locations on the date of our investigation. Please see the attached "One/Two Family Subgrade Verification Form" dated July 1, 2021, as required by the North Carolina State Building Residential Code for One and Two-Family Dwellings.

Remarks/Deficiencies/Failing Tests:

Portal-to-Portal Time: _____

Mileage: _____

Nuclear Gauge: ☐ Soil ☐ Asphalt ☑ None

Attachments: ☐ Location Sketch ☑ Photos ☐ Nuclear Field Density ☐ Concrete Test Report
☐ Material Tickets ☐ Subgrade Preparation Report ☑ Foundation Observation Report
☐ Other _____

GTA Reviewer: John Wille, P.E.

GTA ASSOCIATES, INC.
Geotechnical and Environmental Consultants

PHOTO PAGE

Project No. TBD
Project Name: 129 Patomac Lane, Mooresville, N.C.

Date: 7 / 1 / 2021
Photo Page No. 1





GTA ASSOCIATES, INC.
Geotechnical and Environmental Consultants

PHOTO PAGE

Project No. TBD
Project Name: 129 Patomac Lane, Mooresville, N.C.

Date: 7 / 1 / 2021
Photo Page No.



REGISTERED DESIGN PROFESSIONAL INSPECTION FORM

RECORD OF THE INSPECTION OF A FOOTING COMPONENT OR ELEMENT BY A LICENSED ARCHITECT OR ENGINEER

Project Information:

Residential Single Family Project: Yes	Commercial Project: No
Code Enforcement Project No:	Permit No: TBD
Project Name: Windsor Point - Lot 2	Owner: Grandfather Custom Homes
Project Address: 129 Potomac Lane, Mooresville, N.C.	Suite No:
Date Inspected: July 1, 2021	

Responsible Licensed NC Architect or NC Engineer

(Architects or Engineers must be licensed in the State of North Carolina)

Name:	John P. Wille, P.E.
Firm Name:	GTA Associates, Inc.
Phone Numbers:	Office: (704) 778-2449 Mobile: (704) 778-2449
Email Address:	jwille@gtaeng.com
Mailing Address:	710 Peninsula Lane, Suite B, Charlotte, N.C. 28273

APPLICABLE CODE: 2018 NCRC Section 403.1

Describe Element/Component: * Footing Inspection

Footing Inspection

*(subgrade form may also be required)

Attestation/Signature:

By signing below, I certify that the component and/or element of the building as identified on this form has been inspected by me or someone under my direct supervision per subsection (b2) of NC G.S.153A-352 and is in compliance with the approved plans & specifications for the project. I assume full responsibility and this inspection is in compliance with all of the requirements of the above referenced code.

John P. Wille

Licensed Architect or Engineer



SEAL

Iredell County LUESA Code Enforcement disclaimer:

Upon the receipt of a signed written document as required under subsection (a) of Article 160A-413.5., Iredell County LUESA Code Enforcement shall be discharged and released from any liabilities, duties and responsibilities imposed by this article or in common law from any claim arising out of or attributed to the component or element in the construction of the building for which the signed written document was submitted. Be aware that this inspection will be noted in all inspection records including the Certificate of Occupancy or Certificate of Compliance. Please note that compliance with local ordinances is required for a certificate of occupancy, and this department reserves the right to require an as-built survey to verify zoning set-back requirements.

ONE/TWO FAMILY SUBGRADE VERIFICATION FORM

CHECK AS APPROPRIATE:

[X] RESIDUAL SOILS **[ ] STRUCTURAL FILL** **Approx. Depth: _____**

Date: 7-1-21

Project Information:

Street Address: 129 Potomac Lane (Windsor Point - Lot 2)
Mooresville, Iredell County, North Carolina

Permit Number: TBD

Builder/General Contractor:

Company Name: Grandfather Custom Homes
Address: 11301 Blair Road
Charlotte, North Carolina 28227

Soil Engineering Company:

Name: GTA Associates, Inc.
Address: 710 Peninsula Lane, Suite B
Charlotte, North Carolina 28273
Phone Number: (704) 553-2300
Project Manager: John P. Wille, P.E.

Allowable Bearing Pressure: 2,000 pounds per square foot (psf)

Personnel from our firm have verified the bearing capacity of soils intended to support the residence noted above. Where appropriate, we have monitored proofrolling of residual soil prior to fill placement, conducted laboratory Proctor and field density tests on fill soils, and/or conducted dynamic cone penetrometer tests on subgrade soils. This work was performed in accordance with accepted engineering practice as required by the North Carolina State Building Residential Code for One and Two Family Dwellings.

NORTH CAROLINA PROFESSIONAL SEAL 024901 ENGINEER JOHN P. WILLE

Signature/Seal of licensed professional engineer

Form revised: March 23, 1999
May 20, 2005
October 7, 2016

Acknowledgement Of
Plans Submittal ONLY!
Date 8/30/21
Date 8/30/21

130'

LOT 1, THE POINTE

SHEET NAME
FIRST FLOOR PLAN

A-1

LOT 1, THE POINTE

SHEET NAME
SECOND FLOOR PLAN

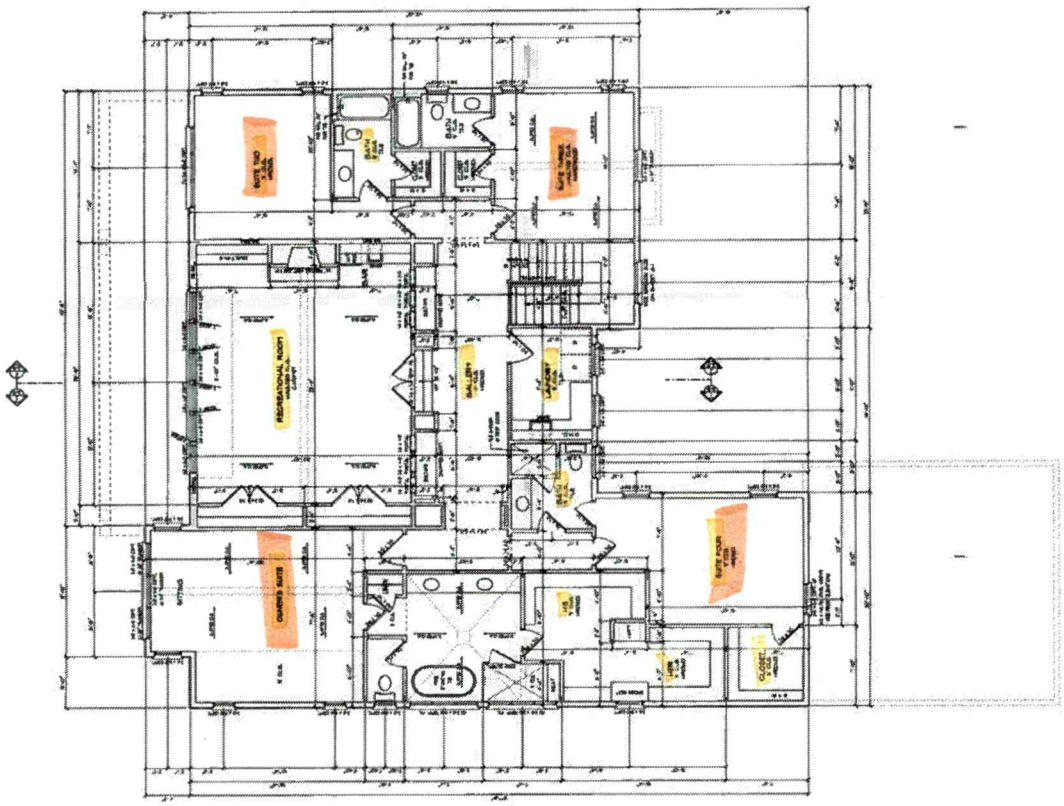
A-3

DOOR + WINDOW NOTE

SECOND FLOOR NOTES

TYPICAL ARCHED OPENING DETAIL

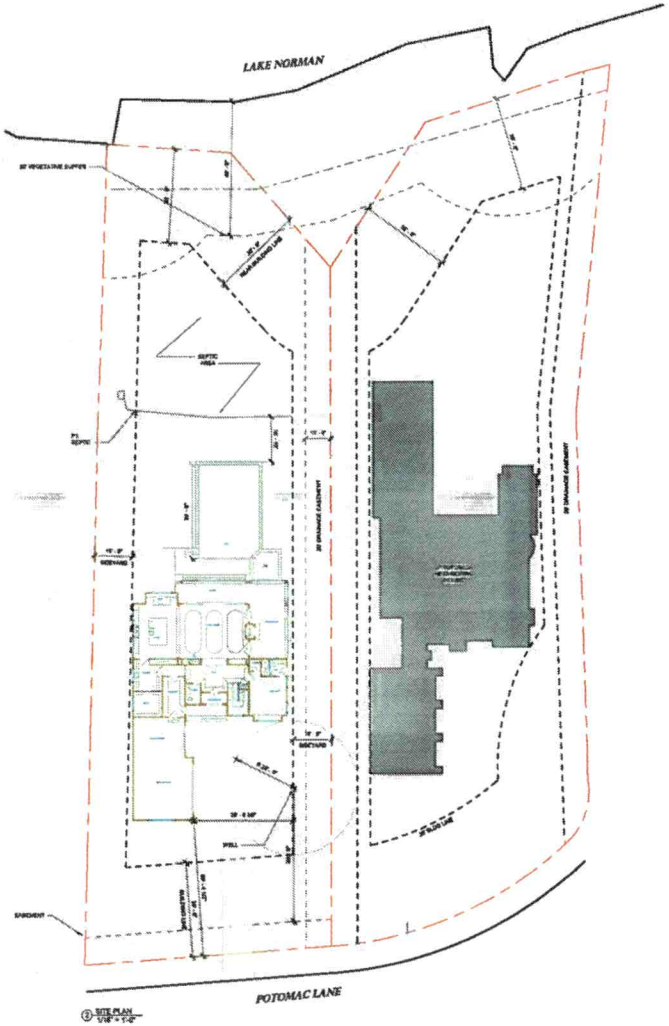
SECOND FLOOR PLAN



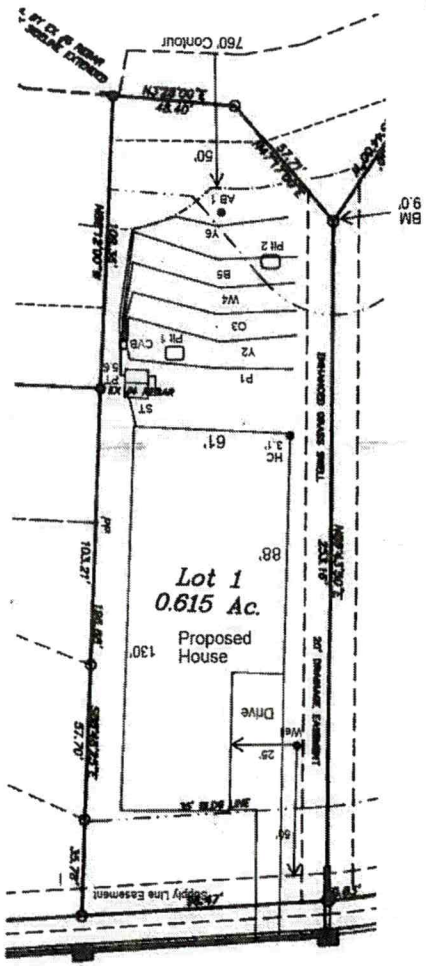
Acknowledgement Of
Plans Submittal ONLY!

Maria Delosa Date 8/20/21

John K Sugay Date 8/30/2021



SITE PLAN
1/16" = 1'-0"



*SURVEY PROVIDED FOR REFERENCE ONLY

C:\Users\User\Dropbox\Mitch\D Documents\Arch_Residential\20_GH_ThePreserve_WindsorPointe\Lot 1\04_Revit_CAD&ConsultAsst_Docs\01_Base_Files\21_GH_ThePointe_Lot1_-6.14.21(Recovery).rvt

DATE PRINTED: 7/14/2021 3:58:43 PM

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INTERNAL OFFICE INFO:
FILE: FILE LAKE
DRAWN BY: E.B.
S.G.
J.S.

SHEET SIZE:
36" x 42"
ARCH E1

*GRAPHIC FOR SCALING REFERENCE

THE POINTE - LOT 1

123 POTOMAC LANE
MOORESVILLE, NC

Project:	21_GH_ThePointeLot1
Date:	7/2021
Revisions:	

TAG	DESCRIPTION	DATE

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SITE PLAN & SURVEY

PERMIT SET
"FOR CONSTRUCTION"

SP-1

GTA Associates, Inc.
Geotechnical and Environmental Consultants
www.gtaeng.com

Daily Report

710 Peninsula Lane, Suite B
Charlotte, NC 28273
(704) 553-2300

Project Name: 123 Potomac Lane, Mooresville, N.C. Date: 10 / 1 /2021 GTA Rep: Jack Gingras

Project No.: TBD Client: Grandfather Homes Weather: Sunny Temperature: 75 °F

Location of Work:

123 Potomac Lane, Mooresville, N.C. - Footing Evaluation

Plans Referenced:

on site

Description of Work:

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Based on our visual observations, two #4 reinforcing steel bars were installed in the bottom of the foundation excavation. Based on this evaluation, it is GTA's professional opinion that the soils at the as-built footing elevation are capable of providing the design soil bearing capacity of 2,000 pounds per square foot (psf) at the tested locations on the date of our investigation. Please see the attached "One/Two Family Subgrade Verification Form" dated October 1, 2021, as required by the North Carolina State Building Residential Code for One and Two-Family Dwellings.

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☐ Other

GTA Reviewer: John Wille, P.E.

GTA ASSOCIATES, INC.
Geotechnical and Environmental Consultants

PHOTO PAGE

Project No. TBD
Project Name: 123 Potomac Lane, Mooresville, N.C.

Date: 10 / 1 /2021
Photo Page No. 1



