IREDELL COUNTY HEALTH DEPARTMENT

KW 2:00

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

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

PERMIT # 233625

PIN # 4636-33-5123 ✓

APPLICANT/OWNER: MTOP LLC / Scott Needham

APPLICANT ADDRESS: 816-G Brawley School Rd. Mooresville, NC

SITE ADDRESS: ✓ 190 Turby Fill Rd. Mooresville, NC 28117

PHONE: 704-662-0105

SITE DIRECTIONS: BSR towards Lake Norman → L on Stutts Rd → R on Turby Fill Rd → House on Right

ALT. PHONE 704-363-9942

SUBDIVISION: ✓ Villages at Isle of Pines

SECTION: — LOT # 26 LOT AREA: 0.72 acres

SAP CONTROLLED: ☐ YES ☒ NO

DESIGN FLOW: 360 GPD L.T.A.R.: 0.30

Septic Tank	1000 (gal)	STB 794	Date 2-23-18	☒ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI
Pump Tank	— (gal)	PT —	Date —	System Description:	25% Reduction (Serial Distribution)
Pump Make	—	Model —	Serial # —	Repair System Description:	same
# Nitrification Fields	1	# Lines 3	Linear Ft 300	Maintenance Agreement Required:	☐ YES ☒ NO
Trench Width	36"	Trench Bottom Depth(Low side)	see notes	Gravel Depth —	☒ GRAVITY ☐ PRESSURE

☒ Residence ☐ Business ☐ Other ☐ Slab ☐ Basement w/plumbing

No. Bedrooms 3 No. Persons 6 No. Employees — ☒ Crawl Space

Water Supply: ☐ Private ☒ Public ☐ Community

☐ Basement w/o plumbing

Comments / Conditions: Initial 130' line being fed from septic tank to be installed at 22" trench bottom. 2nd line (40') to be installed at 33" trench bottom and then feed lowest line (130') to be installed at 33" trench bottom. [See drawing]. Waterline easement impacting proposed septic area must be eliminated. Lowest line proximity to property line requires a 10' easement due to encroachment onto adjacent parcel (lot 27). This is required before AC may be issued.

* Installed as permitted.

INITIAL SITE SKETCH

See attached plan dated 2-22-18

+ Approved 3-17-18

* Strongly recommend abandoning septic tank (existing) that appears to be on neighbors parcel *

AS BUILT SKETCH

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **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: MTOP LLC by Scott R. Needham Date: 3/8/18

IMPROVEMENT PERMIT by: Tom Shuck Date: 3/8/2018

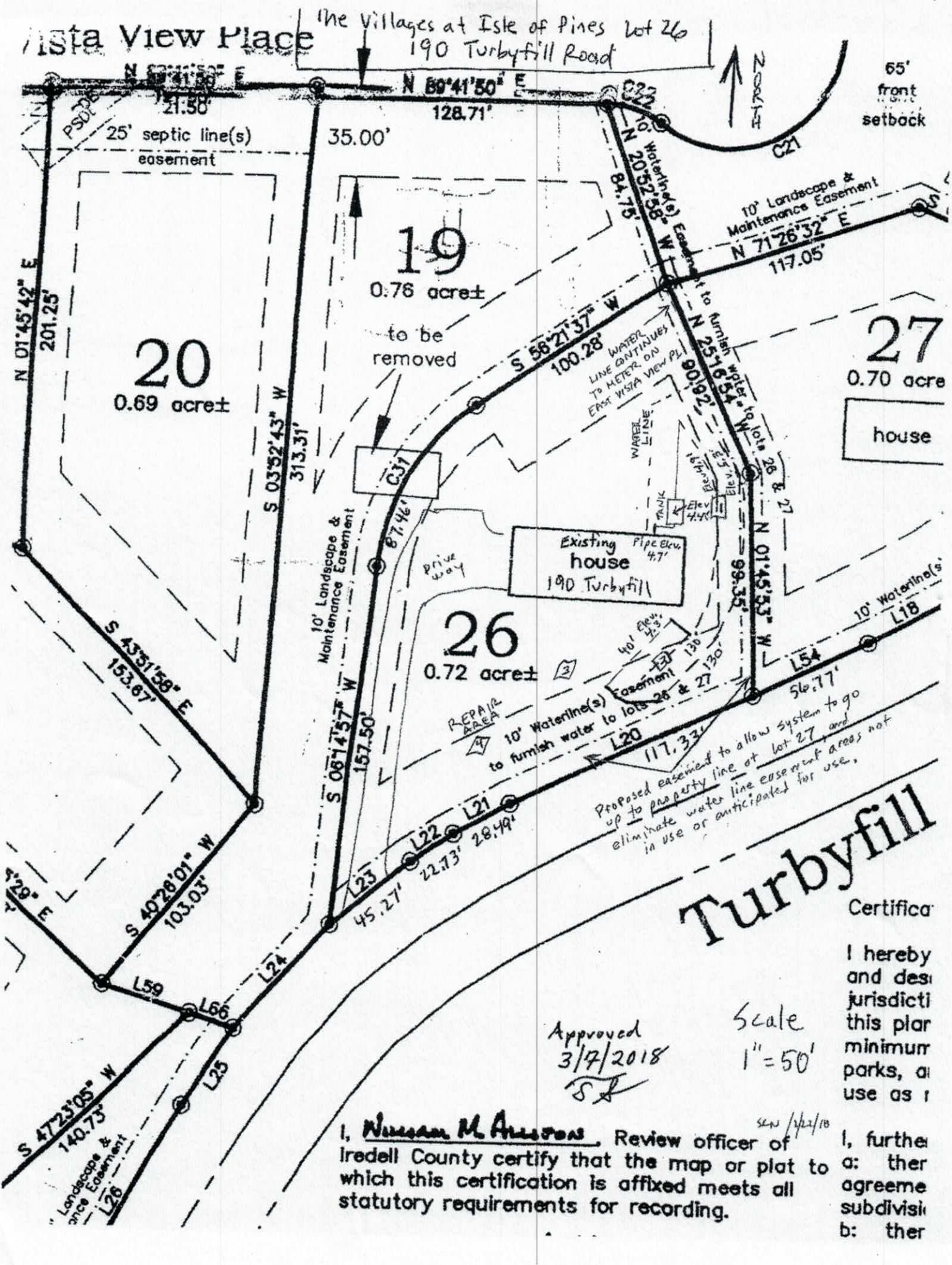
AUTHORIZATION TO CONSTRUCT by: Date: 3/23/18

Installed by: R+H of Lake Norman Inc

OPERATION PERMIT by: Benjamin A. Bolkins Date: 3/27/2018.

Existing System Inspected by: Date:

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


Vista View Place
The Villages at Isle of Pines Lot 26
190 Turbyfill Road
NORTH
65' front setback
N 89°41'50" E
128.71'
21.58'
PSOPE
25' septic line(s) easement
35.00'
C23
C21
10' Waterline(s) Easement
N 20°52'58" W
84.75'
10' Landscape & Maintenance Easement
N 71°26'32" E
117.05'
19
0.76 acre±
to be removed
20
0.69 acre±
N 01°45'42" E
201.25'
S 03°52'43" W
313.31'
S 58°21'37" W
100.28'
LINE CONTINUES TO METER ON EAST VISTA VIEW PL
N 25°16'54" W
90.92'
27
0.70 acre
house
WATER LINE
C31
87.46'
10' Landscape & Maintenance Easement
TANK
Elev. 4.4'
Elev. 5.8'
Existing house
Pipe Elev. 4.7'
190 Turbyfill
Drive Way
26
0.72 acre±
N 01°45'53" W
99.35'
28 & 27
40' Elev. 4.3'
130'
Easement
130'
10' Waterline(s) Easement to furnish water to lots 28 & 27
REPAIR AREA
L54
56.77'
L18
10' Waterline(s)
L20
117.33'
L21
L22
22.73'
L23
45.27'
28.49'
Proposed easement to allow system to go up to property line of Lot 27 and eliminate water line easement areas not in use or anticipated for use.
S 43°31'58" E
153.67'
S 08°14'57" W
157.50'
S 40°28'01" W
103.03'
L59
L66
L24
L25
S 47°23'05" W
140.73'
Landscape & ance Easement
L26
Turbyfill
Certifica
I hereby
and desi
jurisdicti
this plar
minimum
parks, a
use as r
Approved
3/7/2018
Scale
1" = 50'
I, NIELSEN M. ALLISON, Review officer of Iredell County certify that the map or plat to which this certification is affixed meets all statutory requirements for recording.
SEN 3/22/18
I, furthe
a: ther
agreeme
subdivisi
b: ther

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

Sheet ___ of ___
PROPERTY ID #: 4638-33-5123
COUNTY: Iredell

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

OWNER: MIOP LLC
ADDRESS: 816 G Brawley School Rd. Mooresville NC
PROPOSED FACILITY: 3 BR House
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: 140 Turbyfill Rd Mooresville
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

APPLICATION DATE: 2/22/18
DATE EVALUATED: 2/26/18
PROPERTY SIZE: 0.72
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	5% LSS	0-6	SCL V.W. SBK	Sl. Friable SS,Sp,Sexp	–	58	–	–	0.30 PS
		6-22"	Clay W.SBK/ABK	Sl. Firm, Sticky, Sp, Sexp					
		22-58"	Clay Loam W.SBK some mica	Friable, SS, Sp, Sexp					
2	5% LSS	0-10	SCL V.W. SBK	Sl. Friable, SS, Sp, Sexp	–	56	–	–	0.30 PS
		10-30	Clay W.SBK/ABK	Sl. Firm, Sticky, Sp, Sexp					
		30-56	Clay Loam W.SBK some mica	Friable, SS, Sp, Sexp					
3	4% LSS	0-6	SCL V.W. SBK	Sl. Friable, SS, Sp, Sexp	–	58	–	–	0.30 PS
		6-25	Clay W.SBK/ABK	Sl. Firm, Sticky, Sp, Sexp					
		25-58	Clay Loam W.SBK	Friable, SS, Sp, Sexp					
4	5% LSS	0-4	SCL V.W. SBK	Sl. Friable, SS, Sp, Sexp	–	58	–	–	0.3 PS
		4-26	Clay W.SBK/ABK	Sl. Firm, Sticky, Sp, Sexp					
		26-58	Clay Loam W.SBK	Friable, SS, Sp, Sexp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	300+	300+
System Type(s)	25%	25%
Site LTAR	0.3	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Tom Shuck
OTHER(S) PRESENT: Daniel Penrose + Scott Needham

COMMENTS: Easements required addressing + backfeeding top line

RECEIVED FEB 23 2018

IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION*

(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)

Paid $500.00

1. **APPLICATION FOR:** ✓ **Improvement Permit** ___ **Authorization To Construct** ___ **Existing System Inspection**

****

233625

2. Page 2: *Site Plan Worksheet* Form MUST Accompany This Application

The following optional attachments may also be submitted: ✓ **Survey Plat, Scaled no more than 1 Inch = 60 Feet**

Place check ( ) beside whichever is submitted if applicable ✓ **Custom Site Plan, Scaled no more than 1 Inch = 60 Feet**

3. Applicant Information:

MIOP LLC	816-G Brawley School Road Mooresville NC 28117	office 704-662-0105	cell 704-363-9942
Applicant Name	**Mailing Address**	**Home Phone #**	**Alternate Phone #**
MIOP, LLC	816-G Brawley School Road Mooresville NC 28117	office 704-662-0105	cell 704-363-9942
Owner Name	**Mailing Address**	**Home Phone #**	**Alternate Phone #**

4. Property Information:

190 Turbyfill Road, Mooresville NC 28117	Villages at Isle of Pines	Lot 26
Street Address	**Subdivision Name**	**Section/Phase and Lot Number**

Driving Directions: West on Brawley School Rodd, Turn Left on Stutts Road, Turn right on Turbyfill Road, 190 Turbyfill Rd on right

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

( ) New, Single Family Residence
( ) New, Multi-Family Residence
( ) Expansion of Existing Septic System
( ) Repair To Failing Septic System due to _____
(X) Other Install new 3 BR system for existing home to replace old system of indeterminate age/size and to ensure 3 BR capacity and fully on the same lot

Maximum Number of Bedrooms 3
Maximum Number of Occupants ___
If Expansion, Current Number of Bedrooms ___

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

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

6. Proposed Water Supply:

( ) New Well ( ) Existing Well (X) Community Well Aqua North Carolina ( ) City Water ( ) Other Public Water

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

( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional (X) Other 25% reduction gravity

8. Please Answer The Following ( ) Yes (X) No Does the site contain any jurisdictional wetlands?
To The Best of Your Ability: ( ) Yes (X) No Is any non-domestic sewage (i.e. industry) 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.

9. Signature: MIOP, LLC by Scott R. Needham, manager
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

2/22/18
DATE

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, MIOP, LLC, am the legal owner(s) of the property located at 190 Turby Hill Road Mooresville NC 28117, identified as PIN (Parcel Identification Number) _____, located in Iredell County, North Carolina.

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

MIOP LLC by Heath R. Needham 2/23/18
Signature of Owner(s) manager 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

Type: CRP
Recorded: 03/22/2018 at 04:48:06 PM
Fee Amt: $26.00 Page 1 of 4
Iredell County, NC
Ronald N. Wyatt Register of Deeds
BK 2545 PG 1081-1084

Prepared by and return to:
Kevin C. Donaldson
Jones, Childers, Donaldson & Webb, PLLC
P.O. Box 3010
Mooresville, NC 28117

NORTH CAROLINA

IREDELL COUNTY

SETBACK WAIVER, ENCROACHMENT AND EASEMENT AGREEMENT AND PARTIAL TERMINATION OF WATERLINE EASEMENT

THIS SETBACK WAIVER, ENCROACHMENT AND EASEMENT AGREEMENT AND PARTIAL TERMINATION OF WATERLINE EASEMENT ("Agreement"), is made and entered into this 21 day of March, 2018, by NEEDHAM POPLAR, LLC, a North Carolina limited liability company ("NP") and MIOP, LLC, a North Carolina limited liability company ("MIOP");

W I T N E S S E T H:

WHEREAS, MIOP is the owner of Lot 26 of The Villages at Isle of Pines subdivision as platted, planned and recorded in Plat Book 48, Page 137, a revision of Plat Book 47, Page 39, Iredell County Registry ("Lot 26"); and

WHEREAS, NP is the owner of Lot 27 of The Villages at Isle of Pines subdivision as platted, planned and recorded in Plat Book 48, Page 137, a revision of Plat Book 47, Page 39, Iredell County Registry ("Lot 27"); and

WHEREAS, the septic system on Lot 26 is in need of service, repair and installation of additional components by MIOP; and

WHEREAS, the septic system and drain lines to be installed will encroach into

ROTC Page Count 4
NS PQ SI

the setback requirement and be nearer to the property line of Lot 27 than is generally allowable without a waiver; and

WHEREAS, NP is agreeable to waiving the setback requirement that septic systems and drain lines be a certain distance from the neighboring lot and otherwise agrees to the encroachment; and is further agreeable to granting an easement along the boundary line of Lot 26 and Lot 27 for septic repair; and

WHEREAS, MIOP and NP were also granted a waterline easement ten (10) feet in width along the common boundary line of Lot 26 and Lot 27 as well as along the southern boundary lines of Lot 26 and Lot 27 as the same run with the right-of-way for Turbyfill Road as granted, (the "Waterline Easement") shown and recorded on Plat Book 48, Page 137, a revision of Plat Book 47, Page 39, Iredell County Registry (the "Plat"); and

WHEREAS, MIOP and NP no longer need the full Waterline Easement as shown on the Plat and desire to terminate a portion of the Waterline Easement.

NOW THEREFORE in consideration of the agreements and covenants set forth and sum of ONE DOLLAR AND OTHER GOOD AND VALUABLE CONSIDERATION, the receipt whereof is hereby acknowledged, the parties hereby agree as follows.

1. Setback Waiver and Encroachment Agreement. NP hereby waives any setback requirement requiring the septic system and drain lines for Lot 26 to be any distance from Lot 27 and further consents for said septic system and drain lines to encroach upon the setback and otherwise be installed up to the edge of Lot 27.

2. Septic Repair Easement. NP hereby gives, grants and conveys to MIOP, to run with the title of Lot 26, an easement for the purpose of allowing MIOP, its successors and assigns to access Lot 27 to maintain, service and repair the septic system located on Lot 26, for the benefit of Lot 26. It is expressly agreed that no components of the septic system for Lot 26 shall be installed within the easement granted herein. The easement shall be ten (10) feet in width with the western boundary of said easement being more particularly described as follows:

> **BEGINNING at a set ½ inch rebar in the northern margin of the right-of-way for Turbyfill Road (SR 1114) a common corner of Lot 26 and Lot 27 of The Villages at Isle of Pines as platted, planned and recorded in Plat Book 48, Page 137, a revision of Plat Book 47, Page 39, Iredell County Registry, and running thence from said Beginning Point North 01-45-53 West 99.35 feet to a set ½ inch rebar, thence North 25-16-54 West 42.92 feet.**

3. Binding Easement; Amendment. The Agreement set forth herein is to run with Lot 26 and Lot 27 and shall be binding on all parties and all persons claiming under them in

perpetuity. Changes or amendments to this Agreement, in whole or in part, may be effected at any time by an instrument, signed by all the then owners of both of the Lots, agreeing to the changes or amendments and recorded in the office of the Register of Deeds for Iredell County.

4. Termination of Portion of Waterline Easement. NP and MIOP hereby terminate the Waterline Easement as set forth on the Plat with the exception of that portion extending from the northern point of the common boundary line of Lot 26 and Lot 27 for a distance of forty-eight (48) feet along the common boundary line of Lot 26 and Lot 27 (the "Remaining Waterline Easement"). The Remaining Waterline Easement (being 48 feet in length from the northern common corner of Lot 26 and Lot 27 along the common boundary line) shall remain in place. All other portions of the Waterline Easement as set forth on the Plat are terminated.

TO HAVE AND TO HOLD said Agreement for the benefit of Lot 26, any owners of Lot 26, its successors and assigns forever, for the uses and purposes herein described.

IN WITNESS WHEREOF, the parties have hereunto executed this Agreement, this day and year first above written.

NEEDHAM POPLAR, LLC

By: Mark R. Needham
Name: MARK R. NEEDHAM
Title: Manager

By: Scott R. Needham
Name: Scott R. Needham
Title: Manager

MIOP, LLC

By: Scott R. Needham
Name: Scott R. Needham
Title: Manager

State of North Carolina; County of Iredell

I certify that the following person(s) personally appeared before me this day, each acknowledging to me that he or she signed the foregoing document: Mark L. Needham **as Manager of Needham Poplar, LLC**.

Date: March 21, 2018

Deborah W. Hagler

DEBORAH W. HAGLER Notary Public
Notary's Printed or Typed Name

My Commission Expires: 12/20/2022 (SEAL)

DEBORAH W HAGLER NOTARY PUBLIC ROWAN COUNTY, NC My Commission Expires 12/20/2022

State of North Carolina; County of Iredell

I certify that the following person(s) personally appeared before me this day, each acknowledging to me that he or she signed the foregoing document: Scott R. Needham **as Manager of Needham Poplar, LLC**.

Date: March 21, 2018

Deborah W. Hagler

DEBORAH W. HAGLER Notary Public
Notary's Printed or Typed Name

My Commission Expires: 12/20/2022 (SEAL)

DEBORAH W HAGLER NOTARY PUBLIC ROWAN COUNTY, NC My Commission Expires 12/20/2022

State of North Carolina; County of Iredell

I certify that the following person(s) personally appeared before me this day, each acknowledging to me that he or she signed the foregoing document: Scott R. Needham **as Manager of MIOP, LLC**.

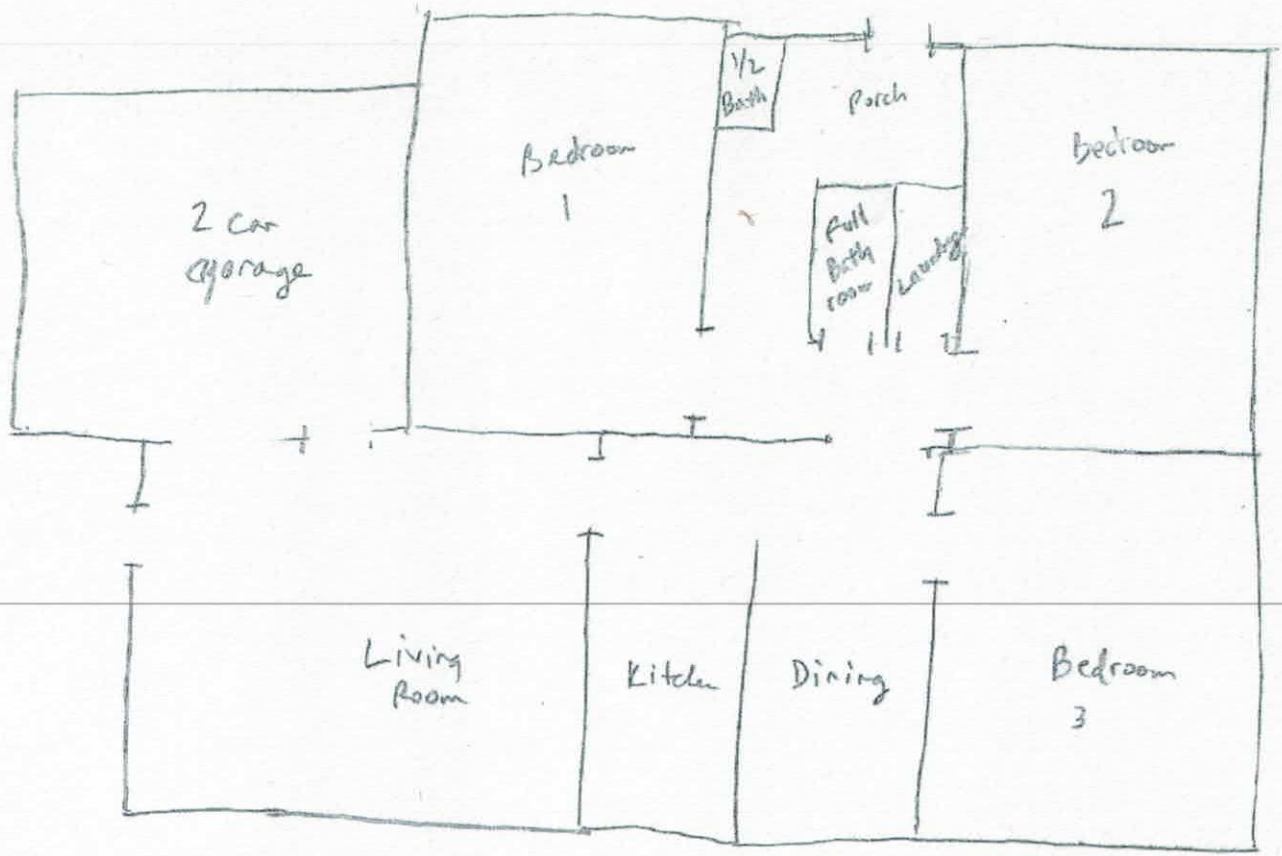
Date: March 21, 2018

Deborah W. Hagler

DEBORAH W. HAGLER Notary Public
Notary's Printed or Typed Name

My Commission Expires: 12/20/2022 (SEAL)

DEBORAH W HAGLER NOTARY PUBLIC ROWAN COUNTY, NC My Commission Expires 12/20/2022



190 Turbyfill

Approx 2000 sqft

Approximate
Floorplan

Acknowledgement of
Plans Submittal ONLY!

Date 03/23/18

3/23/18
MIOP, LLC
by Scott L Needham
Manager