# ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3825 PERMIT # 305506

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

PIN # 4627905438.000

APPLICANT/OWNER: Andy McDonald APPLICANT ADDRESS:

SITE ADDRESS: 114 Palmer Marsh Pl, Mooresville NC 28117. PHONE: 980-309-8956 ALT. PHONE 704.578-4951 (LSS).

SITE DIRECTIONS: Brawley School Rd, Blume, Beaton Paths, Cicero, Shoundes Drive, on Corner on Palmer Marsh

SUBDIVISION: Shounders Bluff SECTION: 3 LOT # 301 LOT AREA: 1.19 Acres SAP CONTROLLED: YES NO DESIGN FLOW: 480 L.T.A.R.: .30

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Septic Tank 1000 (gal) | SIZE Low Profile | ☑ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI | ☑ Residence | No. Bedrooms 4 | Water Supply |
| Pump Tank 1000 (gal) | PI Plastic | System Description: LP-PPBP3-50% Reduction - Horizontal | ☐ Business | No. Persons 8 | ☑ Private |
| Pump Make Zoeller | Model WE05HHE | Repair System Description: LP-PPBP3-50% Reduction | ☐ Other | No. Employees | ☐ Public |
| # Nitrification Fields 1 | # Lines 7 | Linear Ft. 275 | Maintenance Agreement Required: ☐ YES ☐ NO | ☐ Slab | ☑ Crawl Space | ☐ Community |
| Trench Width 36 in | Trench Bottom Depth 24in max | Gravel Depth — | ☐ GRAVITY ☐ PRESSURE | ☐ Basement w/plumbing | ☐ Basement w/o plumbing |

Comments / Conditions: *Supply line Easement Recorded BK-2197 PG-2463 - 2464 * Date 5/13/2020

Tanks 5ft from house (marked 8/9/2020)*

INITIAL SITE SKETCH

*Stormwater/Drainage Easement must be landscaped & Changed to Promote Positive Drainage away from Septic System (Repair) and to Prevent any possibility of Ponding near drainfield. * Large PVC Drainpipe must be Removed Before O.P.

This permit is issued pursuant to Section 11 . (C) of S.L. 2018-114 using the signed and sealed LSS Evaluation by:

The Oaks Group, PA

LSS # 1313

AS BUILT SKETCH

FOR SEPTIC 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.

BOTTOM 4 LINE CHECKED INSTALLED AS PERMITTED 8-10-2020 BCW

35FT LINE NOT INSTALLED

| | | Initials |
|---|---|---|
| Drain Lines Checked | 8/11/20 | MD |
| Tanks Checked | 8/4/2020 | MD |
| Pressure Manifold or Valve Box Checked | 8/11/20 | MD |
| Pressure Head Set | 8/14 | BB |
| Electrical Checked | 8/14 | BB |
| Floats Set | 8/14 | BB |
| Alarm Checked | 8/14 | BB |
| Maintenance Contract (Y) / N | 10/16/2020 | PJB |

Supply lines 8/11/20 MD

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: Acknowledgment Received Date: 5-26-2020 Installed by: Bass Grading

IMPROVEMENT PERMIT by: Benjamin A. Bolton Date: 5-20-2020 OPERATION PERMIT by: Patrick J Bagley III Date: 10/16/2020

AUTHORIZATION TO CONSTRUCT by: Benjamin A. Bolton Date: 5-21-2020 Existing System Inspected by: Date:

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

**IREDELL COUNTY HEALTH DEPARTMENT**
JANE HINSON, RN BSN MS
HEALTH DIRECTOR

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

# ACKNOWLEDGEMENT OF ACCEPTANCE OF PERMIT DESIGN AND CONDITIONS

Any permit requiring a signature must have this form signed by the property owner or their authorized agent. Once this form is signed and returned to Environmental Health an official copy of the permit will be emailed to the email that you provide.

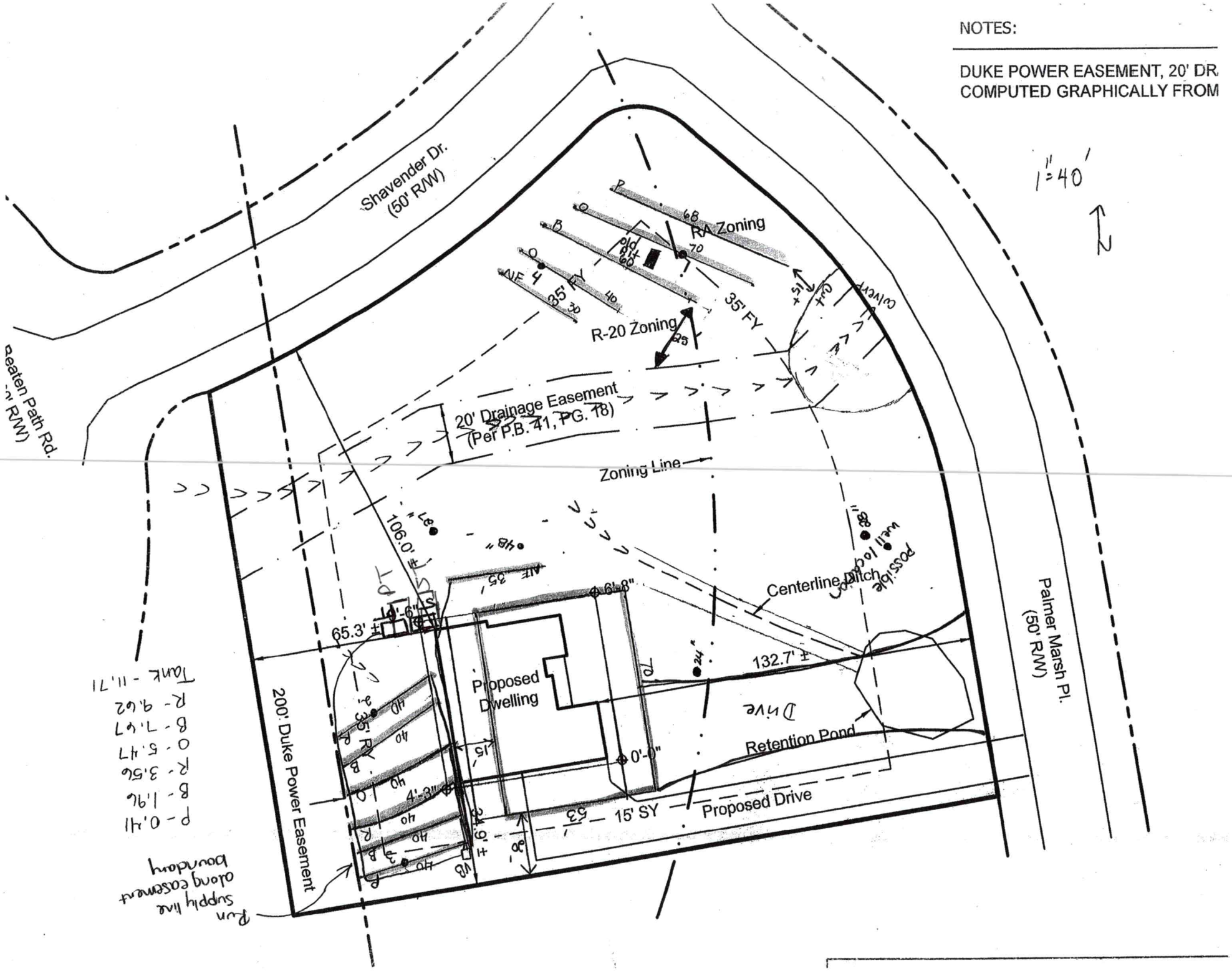
I, Kathleen Saunders, am the legal owner or the agent of the property located at 114 Palmer Marsh Pl, identified as PIN(Parcel Identification Number) 4627-90-5438, located in Iredell County, North Carolina.
Permit # 305506.

I do hereby agree to the permit design and the conditions of this permit.

Kathleen Saunders 5-22-2020
Signature of Owner/Authorized Agent Date

[signature] 5-22-2020
Signature of Witness Date

KathleenMSaunders@gmail.com
email


NOTES:
DUKE POWER EASEMENT, 20' DR
COMPUTED GRAPHICALLY FROM
1"=40'
N
Shavender Dr.
(50' R/W)
RA Zoning
R-20 Zoning
35' FY
15' SY
20' Drainage Easement
(Per P.B. 41, PG. 78)
Zoning Line
Centerline Ditch
possible
Palmer Marsh Pl.
(50' R/W)
200' Duke Power Easement
Proposed
Dwelling
Proposed Drive
Retention Pond
65.3' ±
132.7' ±
106.0' ±
53'
Run
supply line
along easement
boundary
Tank - 11.71
R - 9.62
B - 7.47
O - 5.47
R - 3.56
B - 1.96
P - 0.41

## Lot 301 Shavendars Bluff Fast Track Septic System Information

| | | |
|---|---|---|
| **Number of Bedrooms** | Horizontal Install | 4 |
| **Basement or Crawl** | | **Crawl Space** |
| **Design Flow (gpd)** | | 480 |
| **LTAR (gpd/ft2)** | | 0.3 |
| | | |
| **Primary System Type** | | **LP PPBPS** |
| | | |
| No. Lines | | 7 (See Table) |
| Total Linear Feet | | 275 |
| | | |
| Trench Width | | 3' |
| Trench Spacing | | 9' |
| Max Trench Depth | | 24" |
| Pump Required | | Yes |
| Distribution Device | | Gate Valve Box w/ LPP Distribution |
| | | |
| Maintenance Agreement Required | | Yes |
| | | |
| Length and Diameter of Supply Pipe | | 130' of 2" SCH 40 PVC |
| Size of laterals | | 1 1/4" SCH 40 PVC |
| | | |
| Flow Rate through the system | | 31 gpm |
| Elevation head | | Approx. 17.3' |
| Pressure head | | 3.0' |
| Friction head | | 2.3' |
| 20% Contingency | | 4.5' |
| Total Head | | 27.1' |
| | | |
| Pump Requirements | | 31 gpm @ 27.1' of head<br>To be designed by installer. |
| | | |
| Maximum Dosing Volume | | 223.2 gal -2.2 doses/day @ design flow* |
| | | |
| Volume of water pumped per dose | | Calculated to specific tank by measure or dealer engineering specifications ( 1 cubic ft. of water equals 7.48 gal.) |
| | | |
| Pump Run per dose | | approx. 7.2 min. |
| | | |
| Check Valve | | Yes |
| Siphon Break hole | | No |
| | | |
| **Repair System** | | **LP PPBPS** |
| Total Linear Feet | | 268 |
| Repair LTAR | | 0.3 |
| Repair Trench Depth | | 36" |

## Table 1: Summary of Primary and Repair Nitrification Line Specifications

| Line No. | Use | Line Color | System Type | Line Length (Ft.) | Rod Reading Elev. (Ft.) | Panels | Holes | Hole Spacing | Hole Size (In.) |
|---|---|---|---|---|---|---|---|---|---|
| 1 | System | Pink | LPPPBPS | 40 endfed | 0.4 | 9 | 9 | 1 per panel | 5/32" |
| 2 | System | Blue | LPPPBPS | 40 endfed | 2.0 | 9 | 9 | 1 per panel | 5/32" |
| 3 | System | Red | LPPPBPS | 40 endfed | 3.6 | 9 | 9 | 1 per panel | 5/32" |
| 4 | System | Orange | LPPPBPS | 40 endfed | 5.5 | 9 | 9 | 1 per panel | 5/32" |
| 5 | System | Blue | LPPPBPS | 40 endfed | 7.7 | 9 | 9 | 1 per panel | 5/32" |
| 6 | System | Red | LPPPBPS | 40 endfed | 9.6 | 9 | 9 | 1 per panel | 5/32" |
| 7 | System | NF | LPPPBPS | 35 endfed | | 8 | 8 | 1 per panel | 5/32" |
| 8 | Repair | Pink | LPPPBPS | 68 | | | | | |
| 9 | Repair | Orange | LPPPBPS | 70 | | | | | |
| 10 | Repair | Blue | LPPPBPS | 60 | | | | | |
| 11 | Repair | Orange | LPPPBPS | 40 | | | | | |
| 11 | Repair | NF | LPPPBPS | 30 | | | | | |
| | | | | | | Total: 62 | Total: 62 (1 in each panel turned up) | | |

| | |
|---|---|
| Total System: | 275' |
| Total Repair: | 268' |

| | | | |
|---|---|---|---|
| Tank | Red | 1000 gal (2 compartment) | 11.7 |
| Pump Tank | Red | 1000 gal. | 11.7 |
| House | Blue | | |

**Notes: Horizontal installation**

**4-6 inches of cover may be needed over system area and must extend 5' beyond system area on all sides and shaped to shed water away from system.**

THE OAKS GROUP, PA

To: Iredell County Environmental Health Department (ICHD)

From: Kathleen Saunders, LSS

RE: Shavendars Bluff Lot 301

Date: February 19, 2020

Attached is the septic specification information required to permit Shavendars Bluff Lot 301 for an Improvement Permit and/or Construction Authorization Permit in Iredell County via the Session Law 14 permitting process.

The attached information is not an Improvement Permit or an Authorization to Construct, and is only to assist the Iredell with permitting. The ICHD has to approve each lot and only the ICHD can issue these permits. The system should be installed according to the ICHD permits, policies, and NC Rules, which these specifications are in accordance with. If the ICHD wishes to change tank locations, distribution devices, etc they may do so at their discretion.

All information and specifications have been prepared in conjunction with ICHD permitting guidelines for the current lot owners to acquire an Improvement Permit and/or Authorization to Construct on this lot. It is ultimately the ICHD's responsibility to verify all specifications, **excluding** soil descriptions, before permitting and/or septic system installation. The site contains highly variable soils; there may be soil features present that were not encountered during the evaluation.

The LSS Evaluation attached to this application is to be used to produce design and construction features for permitting in accordance with SL 2018-114 Section 11.(c). The LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 11.(c). The LSS Evaluation contains sufficient information to produce design and construction features for an IP/CA, and the LSS contains the proper insurance with the proper coverage.

LICENSED SOIL SCIENTIST
KATHLEEN M. SAUNDERS
1313
STATE OF NORTH CAROLINA

Kathleen Saunders

RECEIVED MAR 2 2020

# IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

## APPLICATION FORM

AP-305506 Paid $1200.00

**Application For:**
(X) Septic Improvement Permit (X) New Well Permit (X) Authorization to Construct ( ) Well Repair Permit ( ) Existing System Inspection ( ) Well Abandonment ( ) Septic System Repair

*THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED. APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.*

**Page 2: *Site Plan Worksheet* form MUST accompany this application** Session Law

**The following optional attachments may also be submitted:** ( ) Survey Plat, scaled no more than 1 inch = 60 feet (X) Custom Site Plan, scaled no more than 1 inch = 60 feet

*Place an (X) beside whichever is submitted if applicable*

**Applicant Information:** (PRINT CLEARLY)

Applicant Name: Andy McDonald Address: _____ Zip: _____

Applicant Email: Captnandy@gmail.com Phone: 980-309-8956 Alt. Phone: _____

Owner Name: Same Address: _____ Zip: _____

Owner Email: _____ Phone: _____ Alt. Phone: 704-578-4951 (LSS)

**Property Information:**

Street Address: 114 Palmer Marsh Pl, Mooresville NC 28117

Subdivision Name: Shavendars Bluff Section/Phase: _____ Lot Number: 301

Driving Directions: Brawley School Rd, Blume, Beaten Path, Cicero, Shavendar Dr, on corner w/ Palmer Marsh Pl

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

**CHECK FOUNDATION TYPE**
(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 (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:** Kathleen Saunders 2/19/2020
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

Type: CRP
Recorded: 05/13/2020 at 04:26:11 PM
Fee Amt: $26.00 Page 1 of 2
Revenue Tax: $0.00
Iredell County, NC
Ronald N. Wyatt Register of Deeds
BK 2697 PG 2463-2464

This instrument was prepared by: L. Ragan Dudley, Attorney at Law
After recording mail to: Andrew McDonald 132 N. Cromwell Drive, Mooresville, NC 28115

**SUPPPLY LINE EASEMENT**

**THIS GRANT OF SUPPLY LINE EASEMENT** is made this 13 day of May, 2020, by Andrew T. McDonald and wife, Stephanie N. McDonald (together, jointly and severally, "Grantors") for the benefit of Andrew T. McDonald and wife, Stephanie N. McDonald (together, jointly and severally and with their respective administrators, executors, guardians, heirs, devisees, successors and assigns, the "Grantees") and owners of Lot 301 (hereinafter defined).

WITNESSETH:

WHEREAS, Grantors are the owners of the property described in the instrument recorded in Deed Book 2677 at Page 453, Iredell County Registry, and described more particularly as:

> BEING all of Lot 301 of Shavender's Bluff, Phase Three, Section A, as shown on the plat thereof recorded in the Office of the Register of Deeds for Iredell County in Book of Maps 41 at Page 18.

AND WHEREAS, Grantees have requested that Grantors grant them an appurtenant, perpetual easement to locate, maintain, repair, replace and operate supply lines and a drain field area for the benefit of Lot 301 over, across and under the 20 foot Drainage Easement drawn and located on Lot 301 as recorded in Plat Book 41 at Page 18 of the Iredell County Registry;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by Grantors, Grantors do hereby agree as follows:

Grantors, as the owners of Lot 301, do hereby grant, bargain, sell and convey unto Grantees, as the owners of Lot 301, for the benefit of all present and future owners of Lot 301, the following permanent and appurtenant easements, which shall burden and be appurtenant to Lot 301, the easements herein granted being perpetual and inuring to the benefit of Grantees as the owners of Lot 301 also all future owners of Lot 301, and their



R.O.T.C.

Page Count: 2
☐NS ☐PQ ☐SI

The LSS evaluation attached is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11.(c).

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

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

OWNER: Andy McDonald
ADDRESS: Palmer Marsh Pl
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 480
LOCATION OF SITE: Shavendars Bluff Lot 301
APPLICATION DATE ___
DATE EVALUATED: 1/24/19
PROPERTY SIZE: ~1.2 A/c
PROPERTY RECORDED: yes

WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

| PROFILE # | .1940 LANDSCAPE POSITION/ SLOPE % | HORIZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE | SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | L ~10% | 0-36 | Mo SBK C | FR SS/SP | R | 55+ | N/A | N/A | 0.3 |
| | | 36-55 | WK SBK CL | ↓ | R; F sap | | | | |
| 2 | L 20% | 0-6 | Mo GR SL | FR NS/NP | Br | 55+ | N/A | 44" | 0.3 above 44" |
| | | 6-18 | WK SBK SCL | FR SS/SP | RBr | | | | |
| | | 18-42 | Mo SBK C | ↓ | R | | | | |
| | | 44-55 | WK SBK SCL | ↓ | R; C yel Br sap; some grey. Stay above or get pits | | | | |
| 3 | L 20% | 0-12 | Mo GR SL/ WK SBK SCL | FR SS/SP | Br/RBr | 48+ | N/A | N/A | 0.3 |
| | | 12-36 | Mo SBK C | ↓ | R; F WR (yelBr) | | | | |
| | | 36-48 | WK SBK CL | ↓ | yel R F Quartz | | | | |
| 4 | L ~10% | 0-31 | Mo SBK C | FR SS/SP | R | 52+ | N/A | N/A | 0.3 |
| | | 31-52 | WK SBK CL | ↓ | R; C sap | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | H LP PPBPS | LP PPBPS |
| Site LTAR | 0.3 | 0.3 |

OTHER FACTORS (.1946): 24" Restrictive Horizon
SITE CLASSIFICATION (.1948): ___
EVALUATED BY: KMS
OTHER(S) PRESENT: ___

LICENSED SOIL SCIENTIST
KATHLEEN M. SAUNDERS
1313
STATE OF NORTH CAROLINA

COMMENTS: ___

Updated February 2014

7" slope correction

# AUTHORIZATION TO ACT AS AGENT FOR OWNER

Any application/document/permit requiring a signature must be signed by the property owner or their authorized agent. This form shall be provided by the owner to allow specified individuals to act as agents for the owner. This form allows the specified individuals to sign or receive any application/document/permit on behalf of the owner. This form allows the authorized agent to make decisions on behalf of the owner pertaining to modifications of permits in the field. It is the responsibility of the owner to assure that any/all permit conditions specified on permits issued by this Division are followed.

I, ANDREW MCDONALD, am the legal owner of the property located at LOT 301 PALMER MARSH PLACE, identified as PIN(Parcel Identification Number) 4627905438, located in Iredell County, North Carolina.

I do hereby authorize (print authorized agent/company name) KATHLEEN SAUNDERS, LSS, TITE OAKS GROUP, PA, _____, _____, _____, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

1. Improvement Permit (IP)/ Authorization to Construct (AC).
2. Application for soil-site evaluation (new/repair).
3. Application/permit for water well/well abandonment.
4. Application for existing system.
5. Application for Improvement Permit (IP)/ Authorization to Construct (AC).

I agree to abide by any and all decisions and/or conditions between the agent acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division. This form must be fully executed before the individual's specified above will be recognized as the authorized agent.

_____ 02.11.20
Signature of Owner Date

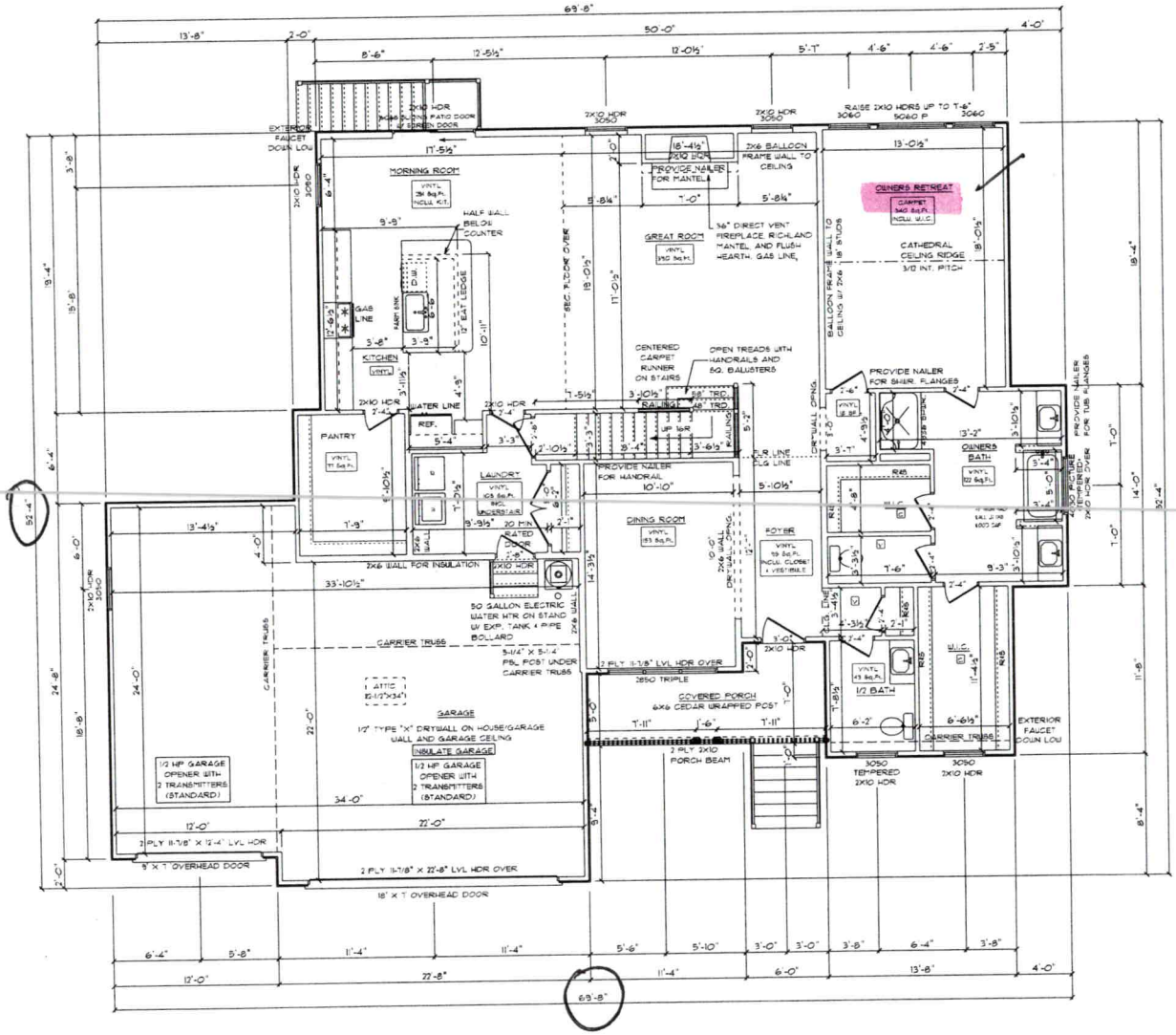
_____ _____
Signature of Witness Date

Acknowledgement Of
Plans Submittal ONLY!

Benjamin A Bolte Date 5-21-2020.

Date

* wants to install 4 BDR for future 4th Bdr




GENERAL FRAMING NOTES:
- 2x6 EXTERIOR WALLS
- DRYWALLED OPENINGS TO BE 8'-0" HEIGHT UNLESS OTHERWISE NOTED
- HEADERS TO BE 2-PLY 2X10 W/ (2) KING & (1) JACK STUDS UNLESS OTHERWISE NOTED
- ALL LVL'S AND CARRIER TRUSSES TO HAVE A MIN. OF (2) KING & (2) JACK STUDS, UNLESS NOTED OTHERWISE

PLAN NOTES:
- SMOOTH CEILINGS THROUGHOUT HOME
- PAINTED MODERN FARMHOUSE TRIM
- 7-1/4" BASEBOARDS ON 1ST FLOOR
- 5-1/2" BASEBOARDS ON 2ND FLOOR
- 3-1/2" CASING ON INTERIOR DOORS
- WINDOWS HAVE DRYWALLED RETURNS
- HPANEL HOLLOW CORE MOLDED INTERIOR DOORS
- SILVERLINE SINGLE HUNG LOW-E VINYL WINDOWS

FLOORING NOTES:
- ALL FLOORING BREAKS OCCUR @ CENTER LINE OF DOOR OPENINGS UNLESS OTHERWISE NOTED
- FLOORING SQUARE FOOTAGES INCLUDE CLOSETS RELATIVE TO THE AREA UNLESS OTHERWISE NOTED
- SOME FLOORING SQUARE FOOTAGES MAY INCLUDE HALLS OR AREAS THAT CONNECT WITHOUT WALL SEPARATION IF THE SAME FINISH IS CONTINUED

WALL BRACING NOTES:

WALL BRACING IS UTILIZING AN ENGINEERED DESIGN AS FOLLOWS: ALL WALLS SHALL BE CONTINUOUSLY SHEATHED WITH MIN. 7/16" OSB FASTENED WITH 6d COMMON NAILS AT 6" O.C. ALONG EDGES AND 12" O.C. ALONG INTERMEDIATE FRAMING. ADD BLOCKING TO WALLS IF SHEATHING MAKES UP BETWEEN 25% AND 50% OF WALL AND REDUCE NAIL SPACING TO 3" O.C. ON EDGES AND 6" O.C. ON INTERMEDIATE FRAMING. PORTAL FRAME PER DETAIL SHALL BE CONSTRUCTED AT THE GARAGE DOOR OPENING.

OLIVIA F / CUSTOM
FIRST FLOOR PLAN
9' CEILING HEIGHT

SQUARE FOOTAGES: 3851 SQ.FT.
1ST FLOOR = 1900 SQ.FT.
2ND FLOOR = 1951 SQ.FT.
OPEN AREA = 415 SQ.FT.
GARAGE = 390 SQ.FT.
PORCH = 138 SQ. FT.
PORCH/BALC. = 1951 SQ.FT.

CUSTOM BUILT FOR: ANDREW THOMAS MCDONALD
LOT #: 148
LOCATION: PALMER MARSH ROAD MOORESVILLE, NC 28117 IREDELL COUNTY

DRAWN BY: DMB
DATE: 1/23/2020
SCALE: 1/8" = 1'-0"
PAGE: 8

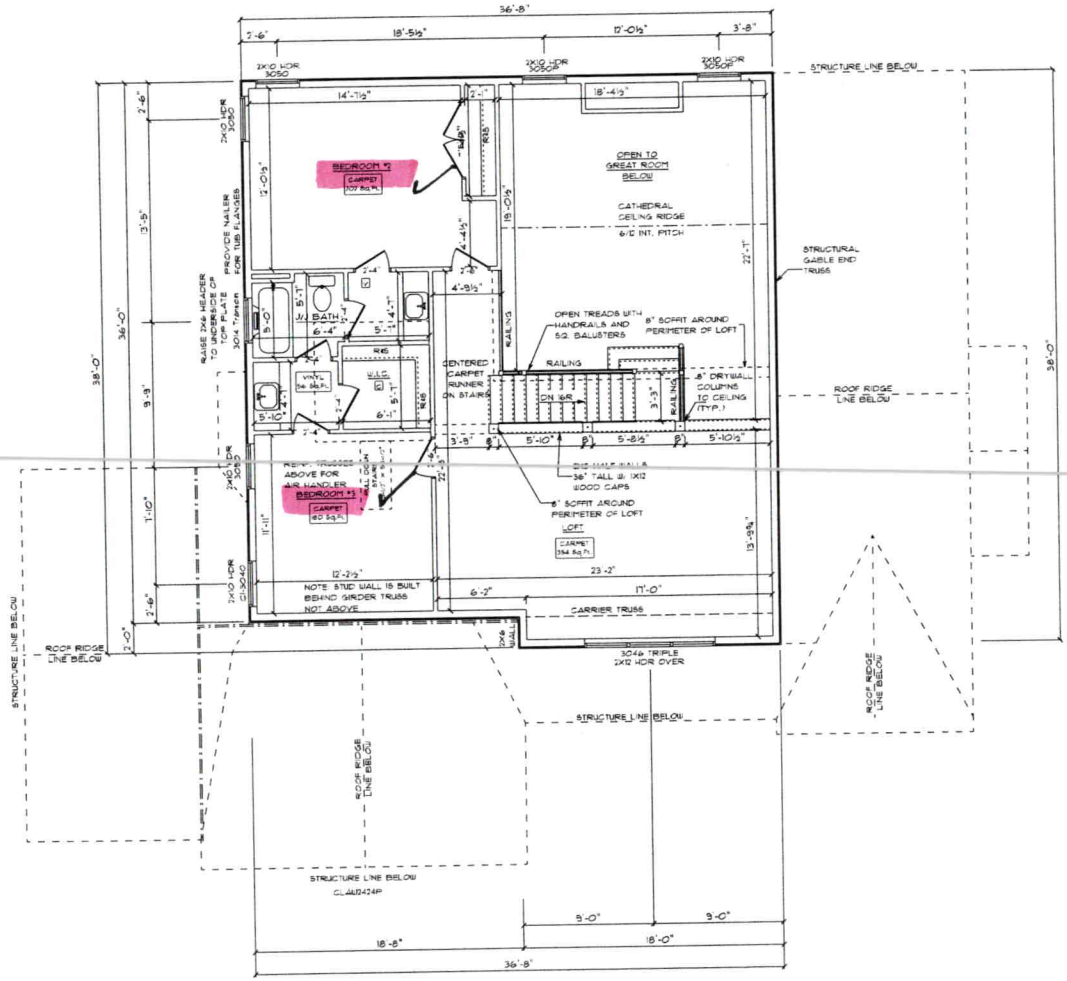
© 1992-2020 SCHUMACHER HOMES OPERATIONS, INC. ALL RIGHTS RESERVED. THE PLANS AND THE DESIGNS EMBODIED HEREIN ARE THE PROPERTY OF SCHUMACHER HOMES OPERATIONS, INC. AND ITS SUBSIDIARIES AND ARE NOT TO BE REPRODUCED, COPIED OR MODIFIED IN ANY MANNER WHATSOEVER WITHOUT THE EXPRESS WRITTEN PERMISSION OF SCHUMACHER HOMES OPERATIONS, INC. AND ITS SUBSIDIARIES IN NORTH CAROLINA, TECHNICAL DRAWINGS OR TO BUILD A STRUCTURE, REPRODUCED, COPIED OR MODIFIED IN HARD OR PART THEREOF, WITHOUT THE EXPRESS WRITTEN PERMISSION OF SCHUMACHER HOMES IS UNAUTHORIZED USE OR COPYING IS A VIOLATION OF UNITED STATES COPYRIGHT LAW AND MAY RESULT IN DAMAGES IN EXCESS OF $100,000 PER ACT OF INFRINGEMENT

Charlotte, NC
341 Alcove Road
Mooresville, NC 28117
(877) 267-3482
www.schumacherhomes.com
SCHUMACHER HOMES

Acknowledgement Of
Plans Submittal ONLY!

Brijmm H Bt Date 5-21-2020

Date




GENERAL FRAMING NOTES:
- 2x6 EXTERIOR WALLS
- DRYWALLED OPENINGS TO BE 6'-8" HEIGHT UNLESS OTHERWISE NOTED
- HEADERS TO BE 2-PLY 2X10 W/ (2) KING & (1) JACK STUDS UNLESS OTHERWISE NOTED
- ALL LVL'S AND CARRIER TRUSSES TO HAVE A MIN. OF (2) KING & (2) JACK STUDS, UNLESS NOTED OTHERWISE

PLAN NOTES:
- SMOOTH CEILINGS THROUGHOUT HOME
- PAINTED MODERN FARMHOUSE TRIM
- 7-1/4" BASEBOARDS ON 1ST FLOOR
- 5-1/2" BASEBOARDS ON 2ND FLOOR
- 3-1/2" CASING ON INTERIOR DOORS
- WINDOWS HAVE DRYWALLED RETURNS
- 4-PANEL HOLLOW CORE MOLDED INTERIOR DOORS
- SILVERLINE SINGLE HUNG LOW-E VINYL WINDOWS

FLOORING NOTES:
- ALL FLOORING BREAKS OCCUR @ CENTER LINE OF DOOR OPENINGS UNLESS OTHERWISE NOTED
- FLOORING SQUARE FOOTAGES INCLUDE CLOSETS RELATIVE TO THE AREA UNLESS OTHERWISE NOTED
- SOME FLOORING SQUARE FOOTAGES MAY INCLUDE HALLS OR AREAS THAT CONNECT WITHOUT WALL SEPARATION IF THE SAME FINISH IS CONTINUED

WALL BRACING NOTES:

WALL BRACING IS UTILIZING AN ENGINEERED DESIGN AS FOLLOWS: ALL WALLS SHALL BE CONTINUOUSLY SHEATHED WITH MIN. 7/16" OSB FASTENED WITH 6d COMMON NAILS AT 6" O.C. ALONG EDGES AND 12" O.C. ALONG INTERMEDIATE FRAMING. ADD BLOCKING TO WALLS IF SHEATHING MAKES UP BETWEEN 25% AND 50% OF WALL AND REDUCE NAIL SPACING TO 3" O.C. ON EDGES AND 6" O.C. ON INTERMEDIATE FRAMING. PORTAL FRAME PER DETAIL SHALL BE CONSTRUCTED AT THE GARAGE DOOR OPENING.

OLIVIA F / CUSTOM
SECOND FLOOR PLAN
9' CEILING HEIGHT

DRAWN BY: DMG
DATE: 1/23/2020
SCALE: 1/8" = 1'-0"
SHEET: 11

© 1992-2020 SCHUMACHER HOMES OPERATIONS, INC. ALL RIGHTS RESERVED. THE PLANS AND THE DESIGNS EXHIBITED HEREIN ARE THE PROPERTY OF SCHUMACHER HOMES, INC. AND ARE NOT TO BE REPRODUCED, COPIED, OR MODIFIED IN ANY MANNER, NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY, WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND APPROVAL OF SCHUMACHER HOMES, INC. THESE PLANS AND DESIGNS ARE NOT TO BE USED TO CREATE DERIVATIVE WORKS, TECHNICAL DRAWINGS OR TO BUILD A STRUCTURE. REPRODUCED COPIES OR MODIFIED WORKS OF THESE PLANS MAY NOT BE USED FOR ANY PURPOSE WHATSOEVER. ANY UNAUTHORIZED USE OR COPYING IS A VIOLATION OF UNITED STATES COPYRIGHT LAW AND MAY RESULT IN DAMAGES IN EXCESS OF $100,000 PER ACT OF INFRINGEMENT

SQUARE FOOTAGES: 2937 SQ.FT.
1ST FLOOR - 1800 SQ.FT.
2ND FLOOR - 1137 SQ.FT.
OPEN AREA - 419 SQ.FT.
GARAGE - 730 SQ.FT.
PORCH - 138 SQ. FT.
PORTICA/WALL - 1001 SQ.FT.

CUSTOM BUILT FOR: ANDREW THOMAS MCDONALD
JOB #: LOT NO. 148
LOCATION: PALMER MARSH ROAD MOORESVILLE, NC 28117 IREDELL COUNTY

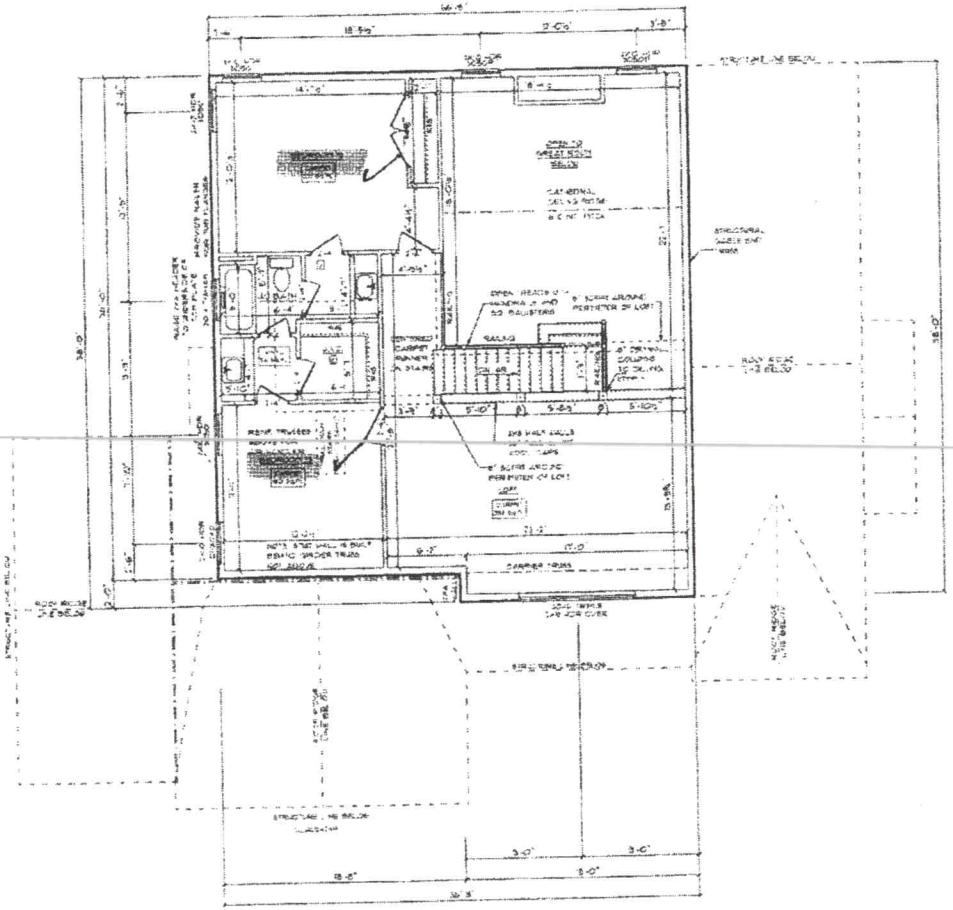
Charlotte, NC
341 Alcove Road
Mooresville, NC 28117
(877) 267-3482
www.schumacherhomes.com

SCHUMACHER HOMES

Acknowledgement Of
Plans Submittal ONLY!

Date 5-21-2020

Date 5-22-2020



GENERAL FRAMING NOTES
- 2x6 EXTERIOR WALLS
- DRYWALLED OPENINGS TO BE 6'-8" HEIGHT UNLESS OTHERWISE NOTED
- HEADERS TO BE (2)2X10 W/ (1) KING + (1) JACK STUDS UNLESS OTHERWISE NOTED
- ALL LVL'S AND CARRIER TRUSSES TO HAVE A MIN. OF (2) KING + (2) JACK STUDS UNLESS NOTED OTHERWISE

PLAN NOTES
- SMOOTH CEILINGS THROUGHOUT MCYR
- PAINTED MODERN FARMHOUSE TRIM
- 7'-0" BASEBOARDS ON 1ST FLOOR
- 5-1/2" BASEBOARDS ON 2ND FLOOR
- 3-1/2" CASING ON INTERIOR DOORS
- UNLESS NOTED DRYWALLED RETURNS
- 1-PANEL HOLLOW CORE MOLDED INTERIOR DOORS
- 8" VERTICAL SINGLE HUNG LOWE VINYL WINDOWS

FLOORING NOTES
- ALL FLOORING BREAKS OCCUR @ CENTER LINE OF DOOR OPENINGS UNLESS OTHERWISE NOTED.
- FLOORING SQUARE FOOTAGES INCLUDE CLOSETS RELATIVE TO THE AREA UNLESS OTHERWISE NOTED
- SOME FLOORING SQUARE FOOTAGES MAY INCLUDE WALLS OR AREAS THAT CONNECT WHICH SHALL SEPARATION IF THE SAME FINISH IS CONTINUED

WALL BRACING NOTES:

WALL BRACING IS UTILIZING AN ENGINEERED DESIGN AS FOLLOWS. ALL WALLS SHALL BE CONTINUOUSLY SHEATHED WITH MIN. 7/16" OSB FASTENED WITH #8 COMMON NAILS AT 6" O.C. ALONG EDGES AND 12" O.C. ALONG INTERMEDIATE FRAMING. ADD BLOCKING TO WALLS IF SHEATHING MAKES UP BETWEEN 25% AND 50% OF WALL AND REDUCE NAIL SPACING TO 3" O.C. ON EDGES AND 6" O.C. ON INTERMEDIATE FRAMING. PORTAL FRAME PER DETAIL SHALL BE CONSTRUCTED AT THE GARAGE DOOR OPENING.

OLIVIA F / CUSTOM
SECOND FLOOR PLAN
9' CEILING HEIGHT

SCHUMACHER HOMES
Charlotte NC
341 Alcove Road
Mooresville, NC 28117
(877) 261-3482
www.schumacherhomes.com

IREDELL COUNTY · NC

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

| APPLICATION NUMBER |
|---|
| **305506**<br>Issue Date: 03/02/2020 |

**Permit Type: ZONING**

| Parcel Number | Street Address | Jurisdiction |
|---|---|---|
| 4627905438.000 | 114 Palmer Marsh Pl, | Iredell County |

| Owner Information | Applicant Information |
|---|---|
| Name: MCDONALD ANDREW T+STEPHANIE N | Name: THE OAKS GROUP |
| Address: | Address: 121 HOLT LN |
| , | MOORESVILLE, NC 28117 |
| Phone: | Phone: (704)578-4951 |

| Use Requested | Zone Code |
|---|---|
| Single Family Dwelling | RA |

| Lot Acreage | F Setback | B Setback | L Setback | R Setback | Watershed | Flood Zone |
|---|---|---|---|---|---|---|
| 1.19 | 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:** 03/02/2020

Signature of Owner/Contractor

| Permit Number | 305506 | TOTAL FEES: | $77.25 |
|---|---|---|---|