ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 316392

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

PIN # 4761452914

APPLICANT/OWNER: TruNorth Homes / Carmen Davis APPLICANT ADDRESS: 631/300 Brawley School Rd Mooresville NC 28117

SITE ADDRESS: 1092 Bethesda Rd Statesville NC 28677 PHONE: 704 363-2945 ALT. PHONE

SITE DIRECTIONS: Near Bethesda & Stuart Amity Intersection

SUBDIVISION: Mary Frances Deaton McNeely SECTION: LOT # 3 LOT AREA: 1.12 Acres

SAP CONTROLLED: ☐ YES ☒ NO

DESIGN FLOW: 480 L.T.A.R.: 30

Septic Tank 1000 (gal) STB 760 Date 6/23

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 4 Linear Ft 400

Trench Width 36 Trench Bottom Depth (~~low side~~) 34 in low Gravel Depth

☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI

System Description: Gravity - 25% Reduction

Repair System Description: Gravity 25% Reduction

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

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

No. Bedrooms 4 No. Persons 8 No. Employees

☐ Crawl Space ☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☐ Community

Comments / Conditions:

INITIAL SITE SKETCH

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

Soil & Forestry Services of the Carolinas, PA

LSS # 1231 Dated March 31, 2021

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.

8/20/2021: Tanks and drainlines checked and were good. pool needs to be marked

9/2/2021 Pool Meets Setback to Septic

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: 4/20/21 Installed by: Russell Wastewater Solutions

IMPROVEMENT PERMIT by: Benjamin A Bolton Date: 4-16-2021 OPERATION PERMIT by: Benjamin A Bolton Date: 9/2/2021.

AUTHORIZATION TO CONSTRUCT by: Benjamin A Bolton Date: 4-16-2021 Existing System Inspected by: Date:

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

SCALE
1" = 50'

NORTH

SETHESDA RD - SR 2355

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 21-0019
March 31st, 2021

TRUNORTH HOMES, LLC
Attn: *Garrison Davis*
Email: garrison@trunorthhomes.com

RE: Soil & Site Evaluation for a 4 Bedroom Residence (Slab) at 1092 Bethesda Road, Statesville, NC 28677, 1.12 ac Parcel, PIN# 4761452914, Iredell County.

Mr. Davis:

At your request Soil & Forestry Services of the Carolinas (S&FS) has performed soil/site evaluations on parcel noted above. The Lot size is noted on the attached survey map & soil evaluation form. The purpose of our work was to identify soil areas with potential to support subsurface wastewater disposal systems and provide design details for Session Law submittal to Iredell County Health Department.

Site Conditions

At the time of our evaluation land cover on the property was mostly wooded. Topography within the evaluated area was gently slope near the house site and proposed drainfield area. Property lines and corners were marked at the time of the evaluation by Bateman Civil Survey Co. The Surveyor provided an Autocad File of the survey as a basemap. The proposed septic layout was located via Tape Measures and used to produce the attached *Site Plan*. The house envelope was located via Survey by Bateman Civil Survey Co. The attached Plat provided has setbacks to property lines.

Methodology

We evaluated soil areas through the use of hand augers. Soil morphological conditions including color, texture, structure, etc. were reviewed in the field with three boring locations on the property flagged and located via GPS. All three of the soil borings are located in the proposed septic layout. Soil suitability was determined by referencing 15A NCAC 18A.1900 "Laws and Rules for Sewage Treatment and Disposal Systems". *Soil & Site Evaluation Forms* were utilized to record the soil morphological data for each boring. The house envelope was located via survey. An on-ground layout of system and repair was performed using a laser level. Pin flag locations of the layout were also located by tape measure. Detailed system & repair information is summarized in the following paragraph for this Lot.

Authentisign ID: E2328F82-3E6C-4347-AF7D-637A6D201463

1092 Bethesda Road (*See Attached Design*)
The septic layout for this lot (9' centers) yielded a total of 921 linear feet of line. The primary system is proposed as 400 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth is specified at 34 inches. The repair system is proposed as 400 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. There is 505 linear feet available for repair. Trench depth is specified at 34 inches.

Session Law Requirements

An LSS Evaluation may be submitted in conjunction with a complete application to the LHD. The application shall include all information described in 15A NCAC 18A .1937(d) and be accompanied by a signed and dated statement from the applicant (owner or owner's legal representative) that reads as follows:

"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).".

Owner

Date

Print Name Jeff Meadows Lew A D Meadows

Signature Authentisign Jeffery C Meadows 4/2/2021 2:01:49 AM GMT Authentisign Lew A D Meadows 4/2/2021 2:04:36 AM GMT 04/02/2021

The LSS Evaluation shall include a statement bearing the LSS seal and signature that reads as follows:

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

Disclaimer
This report reflects the findings of S&FS, PA. *This LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11.(c).* Any site modifications that impact the proposed septic areas at 1092 Bethesda Road may nullify this design. System design requirements and site requirements shall be adhered to for installation and Operations Permits to be issued by the local Health Department. If you have questions regarding these requirements a Pre-Construction meeting should be scheduled to discuss. Please contact S&FS if you have any questions regarding this report or the attached information. S&FS also offers septic system inspection, wetland delineation and forestry services.

Sincerely,

LICENSED SOIL SCIENTIST Samuel A. Rollans 1291 STATE OF NORTH CAROLINA

S. Ashley Rollans, LSS
Attachment: *Septic Design*

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Attached is a proposed design for an Accepted Septic System with gravity dist. for a 4 bedroom single family residence at 1092 Bethesda Road, Statesville, NC 28677, PIN: 4761452914, Iredell County, NC.

Contents:

	Page
Information for the Installer	1
Design Information	
Design Specifications	2-3
Layout Specifications	4
Site Plan/System Plan	5
Calculations	6
Profile Descriptions	7
Plat	8
Zoning Permit & Receipt	9-11
Application	12-13
Green Sheet	14
Agent Authorization Form	15

LICENSED SOIL SCIENTIST
Samuel A. Rollins
1231
STATE OF NORTH CAROLINA

March 31, 2021
Project #: 21-0019
Design By: Soil & Forestry Services of the Carolinas, PA

INFORMATION FOR THE INSTALLER:

The permit should be read very carefully prior to bidding. The following are details that must be considered along with all other considerations.

- Tanks shall be approved by NC DHHS, and certification supplied by the manufacturer.
- Tanks shall be water tested prior to installation.
- The installer shall be responsible to the owner for placement of the tanks and to insure that final grades are returned to the original natural grade, with exception of added structural features.
- The supply trench shall be compacted to eliminate cavities left during initial fill placement.
- Installation of the system shall be during dry conditions in order to protect the soil structure.
- All fittings shall be pressure rated fittings.
- All joints shall be cleaned with PVC pipe cleaner and a heavy bodied glue applied to weld all joints.
- Where required by the county health department, post installation inspections by the designer must be scheduled 5 week days in advance.
- Trenches shall be carefully excavated so the bottom is within 2" from the highest to . the lowest points of elevation within the trench. If the bottom elevation needs adjusting after it has been trenched, it will be done by removing high points rather than filling low points. It is extremely important to insure that trenches are not over excavated during initial trenching. All fine grading within the trench will be hand done with a shovel. No loose material will be left in the trench
- All pipe openings in the tanks shall be properly grouted. This also applies to the joints around the riser.
- All tanks shall be properly back filled and compacted to prevent slump at a later date.
- Earth dams, constructed of relatively impervious material, shall be installed at the beginning and end of each lateral.
- No heavy equipment shall be used on the field during or after installation. The use of a small loader (i.e. Bobcat) or a trencher (i.e. Ditch Witch 2300/2310) may be used for installation.
- Elevations at pinflag locations should be checked by the installer prior to beginning trenches.
- Septic tank riser shall be a minimum of 6" above finished grade.
- System is specified as a gravity 25% reduction (Accepted) installation.
- Repair is specified as a gravity 25% reduction (Accepted) installation.

GRAVITY ACCEPTED SYSTEM FOR WASTEWATER TREATMENT

Owner/Applicant: Garrison Davis

Address: 631/300 Brawley School Road
Mooresville, NC 28117

Phone: 704.363.2845

County: Iredell

Location: 1092 Bethesda Road
Statesville, NC 28677

Source of Wastewater Flow: 4 Bedroom Single Family Residence

Estimated Gallons Per Day Flow: 480

System Flow: N/A

Design Specifications

Drainfield Size: 400

Loading Rate (gpd/ft.^{2}): 0.3

Depth of Gravel in Trench: N/A

Gravel Size: N/A

Max.Trench Depth (LOW SIDE): 34 in. Repair Trench Bottom 34 in.

Trench Width: 36 in.

Septic Tank Size: 1000

Estimated Supply Line Length: 55

Supply Line Diameter: 4 in. SCH 40 PVC

Supply Line Volume: 35.92

Dosing Volume: N/A

Supply Manifold: N/A

Supply Manifold Length: N/A

Supply Manifold Volume: N/A

Recommended Float Controls: N/A

Recommended Control Panel: N/A

Pressure Head: N/A

Friction Head: N/A

Elevation Head: N/A

Total Dynamic Head: N/A

Threaded Union: N/A

Gate Valves: N/A

Check Valves: N/A

Anti-Siphon Hole: N/A

Additional Comments: Soil suitability was performed by Soil & Forestry Services of the Carolinas, PA

1092 Bethesda Road

ACCEPTED SYSTEM

DESIGN FLOW (gpd):	480
SOIL APPLICATION RATE (gpd/ft.^{2}):	0.3
TOTAL AREA TRENCH BOTTOM:	1200
TOTAL LATERAL LENGTH:	400
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	400
SUPPLY LINE LENGTH:	98
TOTAL DYNAMIC HEAD:	N/A
MANIFOLD SIZE:	N/A
DOSING VOLUME:	N/A
PUMP TANK DRAW DOWN*:	N/A
SEPTIC TANK SIZE:	1000

Layout Specifications - 1092 Bethesda Road

Project #: 21-0019

LAYOUT FOR 4 BEDROOM HOME

March 31, 2021

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM							
INSTR. 1							
1	***RED***					***100***	***100***
2	***ORANGE***					***103***	***100***
3	***YELLOW***					***108***	***100***
4	***BLUE***					***105***	***100***
5	PINK					105	105
6	RED					107	107
7	ORANGE					106	106
8	YELLOW					76	76
9	BLUE					55	55
10	PINK					56	56
					Total	921	905

	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION
****System***	***400***	***0.300***	***ACCEPT.***	***0.300***	***25% RED***	***GRAVITY***
Repair Available Line	505	0.300	ACCEPT.	0.300	25% RED	GRAVITY

Notes: **All measures in feet

**Nitrification lines are demonstrated on contour via colored pin flags

**Nitrification lines were located by Tape Measure

CALCULATIONS

Location 1092 Bethesda Road
Statesville, NC 28677
Project Number 21-0019

Lot No: 3

No. of Bedrooms 4

Design Flow 480 $^{gal}/_{day}$

LTAR 0.300 $^{gal}/_{ft^2\ day}$

PPBPS? (YES OR NO) NO

Supply Line Length 55 ft.

Supply Line Volume 35.915 gal.

Required Feet of Line 400 ft.
Amount of Line from Layout 400 ft.

Gallons per Minute N/A $^{gal}/_{min}$

Required Septic Tank Capacity 1000 gal.
Septic Tank Size 1000 gal.

Panel Volume N/A gal.
# of Panels N/A
Dosing Volume N/A gal.

Tank Draw Down N/A

Pump Run Time

Elevation Head N/A ft.
Pressure Head N/A ft.
Friction Factor N/A ft./100 ft. *(From the interpolater.)*
Friction Head N/A ft.

Total Dynamic Head (+15%) N/A ft.

FRICTION FACTOR
INTERPOLATER
2" SCH 40 PVC

GPM	*f*
20	0.84
	-0.88
25	1.27
	-1.28
30	1.78
	-1.76
35	2.37
	-2.25
40	3.03
43.07	3.48
45	3.77
48.14	4.28
50	4.58
57.11	5.89
60	6.42

Sheet 1 of 1
PROPERTY ID #: 4761452914
COUNTY: Iredell

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

OWNER: Define & Lew Meadows
ADDRESS: 1857 Meck Hwy Mooresville NC 28115
PROPOSED FACILITY: 4BL
PROPOSED DESIGN FLOW (.1949): 480 gpd
LOCATION OF SITE: 1092 Bethesda Road Statesville NC 28677
APPLICATION DATE 3/31/21
DATE EVALUATED: 3/2/21
PROPERTY SIZE: 1.12ac
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
B 1	L/4%	0-13	BSCL wfsbk	Fr SS SP SEXP		50	–	–	PS .3
		13-50	BRC wmsbk	Fr SS SP V					
B 2	L/6%	0-3	BL Gr	Fr BS SP SEXP		50	–	–	PS .3
		3-12	RBCL wfsbk	" " " "					
		12-42	BRC wmsbk	Fr SS SP V					
		42-50	RBCL wfsbk	Fr SS SP V	fsap				
B 3	L/6%	0-6	BSL Gr	Fr SS SP SEXP		50	–	–	PS .3
		6-12	RBSCL wfsbk	Fr SS SP V					
		12-44	BRC wmsbk	" " " "					
		44-50	RBCL wfsbk	" " " "	fsap				
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted	Accepted
Site LTAR	0.3	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: S. Ashley Rollins
OTHER(S) PRESENT: C Wagner

COMMENTS:

RECEIVED APR 5 - 2021

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM Session Law - Paid $500.00

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

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

****

Page 2: *Site Plan Worksheet* form MUST accompany this application AP- 316392

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: Tru North Homes/Garrison Davis **Address:** 631/300 Brawley School Rd Mooresville NC **Zip:** 28117

Applicant Email: garrison@trunorthhomes.com **Phone:** 704 360 2845 **Alt. Phone:** _____

Owner Name: Jeffrey & Lew Meadows **Address:** 1857 Meckhk Mooresville NC **Zip:** 28115

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

****

Property Information:

Street Address: 1092 Bethesda Rd Statesville NC 28677

Subdivision Name: Mary Frances Deaton McNeely Subd **Section/Phase:** — **Lot Number:** 3

Driving Directions: Near Bethesda/Ostwalt Amity Intersection

****

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

CHECK FOUNDATION TYPE

(✓) New Single Family Residence — Maximum Number of Bedrooms: 4
( ) New Multi-Family Residence — Maximum Number of Occupants: 8
( ) Accessory Building — ( ) Swimming Pool
( ) Bedroom(s) Addition — ( ) Other Addition/Structure: _____
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: _____

( ) 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: _____

(✓) New Well ( ) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

****

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed: _____
( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional (✓) Other: Accepted

****

Please answer the following to the best of your ability:

( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (✓) No Is the site subject to approval by any other public agency?

****

I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

Signature: Samuel A Tallman 3/31/21

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

Authentisign ID: FCC9072F-B993-4D48-A1F4-0DC21652D4D0

Public Health
Prevent. Promote. Protect
Iredell County Health Department

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

Public Health
Prevent. Promote. Protect
Iredell County Health Department

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, Jeffery C. Meadows, Lew A & D Meadows, am the legal owner(s) of the property located at 1092 Bethesda Rd Troutman, NC 28166 Lot 3, identified as PIN (Parcel Identification Number) 4776145 2914, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Soil & Forestry Services/ Ashley Rollins TruNorth Homes/ Garrison Davis, 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.

Authentisign: Jeffery C Meadows 3/23/2021 3:05:28 AM GMT
Authentisign: Lew A D Meadows 3/23/2021 7:51:56 PM GMT
Signature of Owner(s)

03/23/2021
Date

Mooresville - Environmental Health

Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

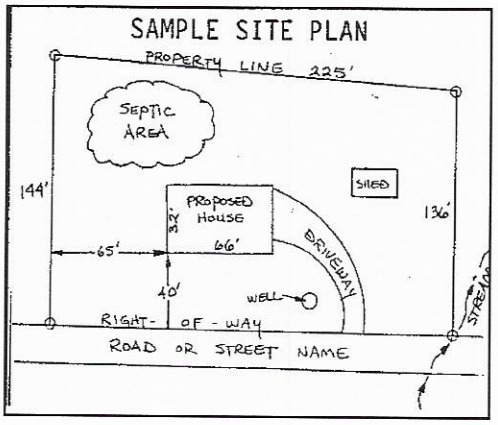
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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:

- (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**
- (X) **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

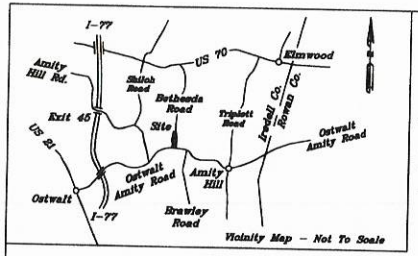
Signature: _____

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

5/31/21
DATE

BETHESDA RD - SR 2359

Book 69 Page 51 Page 1 of 1



Vicinity Map – Not To Scale

BUILDING SETBACKS

FRONT	35 FEET (FROM R/W)
SIDE	15 FEET
SIDE ABUTTING ROAD	25 FEET (FROM R/W)
REAR	35 FEET

Surveyors Certificates

I, Steven D. Pope, Professional Land Surveyor No. 3576, certify that this plat is of a survey that creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land.

Steven D. Pope, P.L.S. No. 3576

Surveyors Certificates

I, Steven D. Pope, Professional Land Surveyor, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 148, page 06 and Book 8499, page 1708.); that the boundaries not surveyed are clearly indicated as drawn from information found in Book N/A page N/A ; that the ratio of precision as calculated is 1 : 21,627 ; that this plat was prepared in accordance with G.S. 47-30 as amended. Witness my original signature, professional number and seal this 25TH day of OCTOBER , A.D., 2018.

NORTH CAROLINA LAND SURVEYOR STEVEN D. POPE

P.L.S. No. 3576

Owners Certificate

We hereby certify that we are the owners of the property shown and described hereon, which is located in the subdivision jurisdiction of the County of Iredell and that we hereby adopt this plan of subdivision with our free consent and establish minimum building setbacks as noted.

We further certify that:

a. there are no deed restrictions which will be violated by the requested subdivision; and
b. there are no governmental regulations of any kind, other than those for which a variance has been applied for under the Iredell County Subdivision Ordinance regulations, which will be violated by the requested subdivision; and
c. I understand that enforcement of deed restrictions and any other contractual agreements is not the responsibility of Iredell County, will not be undertaken by Iredell County, and is the sole responsibility of the parties affected by violations of such deed restrictions and contractual agreements.

Pleasant F. Deaton — Owner — 11/06/2018 Date
Owner — Date
Owner — Date
Owner — 11-6-18 Date
Owner — 11-6-18 Date
Diana Robinson — 11-6-18 — Date

Owners Notary

North Carolina, Iredell County

I, Theresa Alexander, a Notary Public for said County and State, do hereby certify that Mary F. D. McNeely, Pleasant Paul Deaton, Theodore R. Templeton, Diana Templeton Robinson and Darius T. Deaton personally appeared before me this day, and acknowledged the execution of the foregoing instrument. Witness my hand and official seal, this 6th day of November, 2018.

THERESA ALEXANDER NOTARY PUBLIC DURHAM COUNTY, NORTH CAROLINA MY COMMISSION EXPIRES 07-28-2023

Notary Public

My Commission Expires: July 28, 2023

NOTE: THE GRAVEL DRIVE IS OVER THE LINE AS SHOWN.

NOTE: NO R/W AGREEMENT OF RECORD FOUND FOR SR 2359, THE 60 FT. R/W SHOWN IS BASED ON THE WIDTH MAINTAINED BY N.C.D.O.T. AND PLAT BOOK 65, PAGE 110.

ORIENTATION BASED ON PLAT BOOK 65, PAGE 110

Now or Formerly Reba B. McNeely 945-210 Back Ref.: 706-380

Now or Formerly Rita McNeely Brooks 982-132 Back Ref.: 419-338, Tr. 1

Now or Formerly Mary L. Tucker and wife, Ruth D. Tucker 1603-1978

Now or Formerly Jody L. Greer and wife, Marcia L. Greer 1055-2117

Now or Formerly Mary Frances D. McNeely, ET AL 8499-1708 & 148-08

Now or Formerly David P. Calary and wife, Denise Calary 8456-383

Now or Formerly M J Slimmer Corporation 8477-1415

Lot 1 — 1.002 +/- Ac. — Area in Road R/W = 0.09 Ac.
Lot 2 — 1.048 +/- Ac. — Area in Road R/W = 0.10 +/- Ac.
Lot 3 — 1.122 +/- Ac. — Area in Road R/W = 0.10 +/- Ac.
Lot 4 — 1.282 +/- Ac. — Area in Road R/W = 0.10 +/- Ac.
Lot 5 — 1.379 +/- Ac. — Area in Road R/W = 0.10 +/- Ac.
Lot 6 — 1.260 +/- Ac. — Area in Rd. R/W = 0.10 +/- Ac.
Lot 7 — 1.494 +/- Ac. — Area in Rd. R/W = 0.14 +/- Ac.
Lot 8 — 1.690 +/- Ac. — Area in Road R/W = 0.96 +/- Ac.

Lot 1 PB. 65, PG. 110

Note: 10 Ft. Drainage and Utilities Easement, Typical Each Lot

Operation Line N 31°20'00" W 995.99' Total

Tie Only: S 49°34'07" E 264.99' to EIR

Tie Only: N. End 18" RCP To IRS N 88°39'00" E 434.19'

No Driveway Access To Ostwalt Amity Rd.

Ostwalt-Amity Road (Paved) S.R. 1001

Bethesda Road (Paved) S.R. 2359

U.S.G.S. BM 64JAS

Tie Only: East End CMP To EIR N 48°05'25" W 25.21'

Tie Only: N 07°57'17" W 25.38' to EAI

NOTE: NO R/W AGREEMENT OF RECORD FOUND FOR SR 1001, THE 60 FT. R/W SHOWN IS BASED ON THE WIDTH MAINTAINED BY N.C.D.O.T. AND PLAT BOOK 48, PAGE 59.

Wheatfield Subdivision

Line Table

LINE	BEARING	DISTANCE
L1	S 85°00'00" E	184.61'
L2	S 85°00'00" E	38.61'
L3	S 20°58'53" E	111.45'
L4	S 20°58'53" E	143.80'
L5	S 20°58'53" E	87.31'
L6	S 20°08'05" E	66.49'
L7	S 20°08'05" E	47.93'
L8	S 16°26'36" E	74.88'
L9	S 09°16'06" E	21.18'
L10	S 09°16'06" E	58.09'
L11	S 01°27'54" E	76.96'
L12	S 05°27'52" W	10.89'
L13	S 05°27'52" W	59.65'
L14	S 09°56'39" W	71.50'
L15	S 10°12'30" W	11.95'
L16	S 10°12'30" W	40.17'
L17	N 82°56'15" W	104.00'
L18	N 85°08'56" W	141.04'
L19	N 85°08'47" W	80.56'
L20	N 86°11'31" W	85.26'
L21	N 84°59'57" W	15.14'

Easement Certificate

The lots represented on this plat shall be subject to a Ten (10) foot Drainage and Utilities Easement across the front, rear and sides of each lot.

Flood Certificate

This property does not lie in a Flood Hazard Area as appears on HUD-FIA Flood Insurance Rate Map Number 3710476000k, Dated June 16th, 2009.

0' 100' 200' 300'

GRAPHIC SCALE (1" = 100')

Register of Deeds

Doc ID: 016385180001 Type: CRP
Recorded: 11/14/2018 at 03:52:42 PM
Fee Amt: $21.00 Page 1 of 1
Iredell County, NC
Ronald N. Wyatt Register of Deeds
BK 69 PG 51

Review Officer's Approval

Iredell County, North Carolina

I, William M. Allison, a Review Officer of Iredell County, certify that the map or plat to which this certification is affixed meets all statutory requirements for recordation.

Review Officer — 11-14-18 Date

Administrator Certificate

I hereby certify that the subdivision plat shown hereon has been found to comply with the Subdivision Regulations of the County of Iredell, North Carolina and that this plat has been approved by the subdivision administrator for recording in the Office of the Register of Deeds of Iredell County.

Subdivision Administrator Iredell County, North Carolina — 11-14-18 Date

Watershed Certificate

This Subdivision, to the best of my knowledge, does not lie within a Water Supply Watershed designated by the North Carolina Division of Environmental Management as appears on the Watershed Protection Map of Iredell County.

Subdivision Administrator — 11-14-18 Date

Health Department Certificate

As of the date of this recording the lots represented on this plat have not been inspected or approved by the Iredell County Health Department, until inspected there is no assurance that a Building Permit will be issued.

LEGEND

EIR	EXISTING IRON ROD
EIP	EXISTING IRON PIPE
EPK	EXISTING P.K. NAIL
CMS	CONCRETE MONUMENT SET (CONTROL)
IRS	IRON ROD SET
EAI	EXISTING ANGLE IRON
CP	CALCULATED POINT
UP	UTILITY POLE
TPD	TELEPHONE PEDESTAL
OFL	OLD FENCE LINE
OUL	OVERHEAD UTILITY LINES
BSL	BUILDING SETBACK LINES
R/W	RIGHT OF WAY
CMP	CORRUGATED METAL PIPE
RCP	REINFORCED CONCRETE PIPE

NOTES:

PROPERTY SUBJECT TO ANY FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH.

PROPERTY SUBJECT TO EASEMENTS AND RIGHTS OF WAY OF RECORD AND THOSE NOT OF RECORD, IF ANY EXIST.

AREA BY COORDINATE COMPUTATION.

NO N.C.G.S. HORIZONTAL CONTROL MONUMENTS EXIST WITHIN 2000 FEET OF THIS SITE.

RATIO OF PRECISION 1: 21,627

PROPERTY MAY BE SUBJECT TO RESTRICTIVE COVENANTS.

NO SUBTERRANEAN SURVEY PERFORMED AT THIS SITE.

TOTAL AREA TO BE SUBDIVIDED = 10.277 +/- AC.

AREA IN SMALLEST LOT = 1.003 +/- AC.

TOTAL NUMBER OF NEW LOTS = 8

PROPERTY IS ZONED RA

PROPERTY MAY BE SUBJECT TO GOVERNMENTAL ORDINANCES, ZONING AND OTHER REGULATIONS CONCERNING THE DIVISION AND DEVELOPMENT OF REAL ESTATE.

PROPERTY MAY BE SUBJECT TO DEEDS OF TRUST OR OTHER LIENS.

IRON RODS SET AT ALL CORNERS UNLESS OTHERWISE NOTED.

Owner / Developer

Mary Frances Deaton McNeely, Pleasant Paul Deaton, Theodore R. Templeton, Diana T. McNeely and Darius T. Deaton
1943 Mitchell Avenue
Statesville, N.C. 28677

Minor Subdivision Plat For:

Mary Frances Deaton McNeely, ET AL

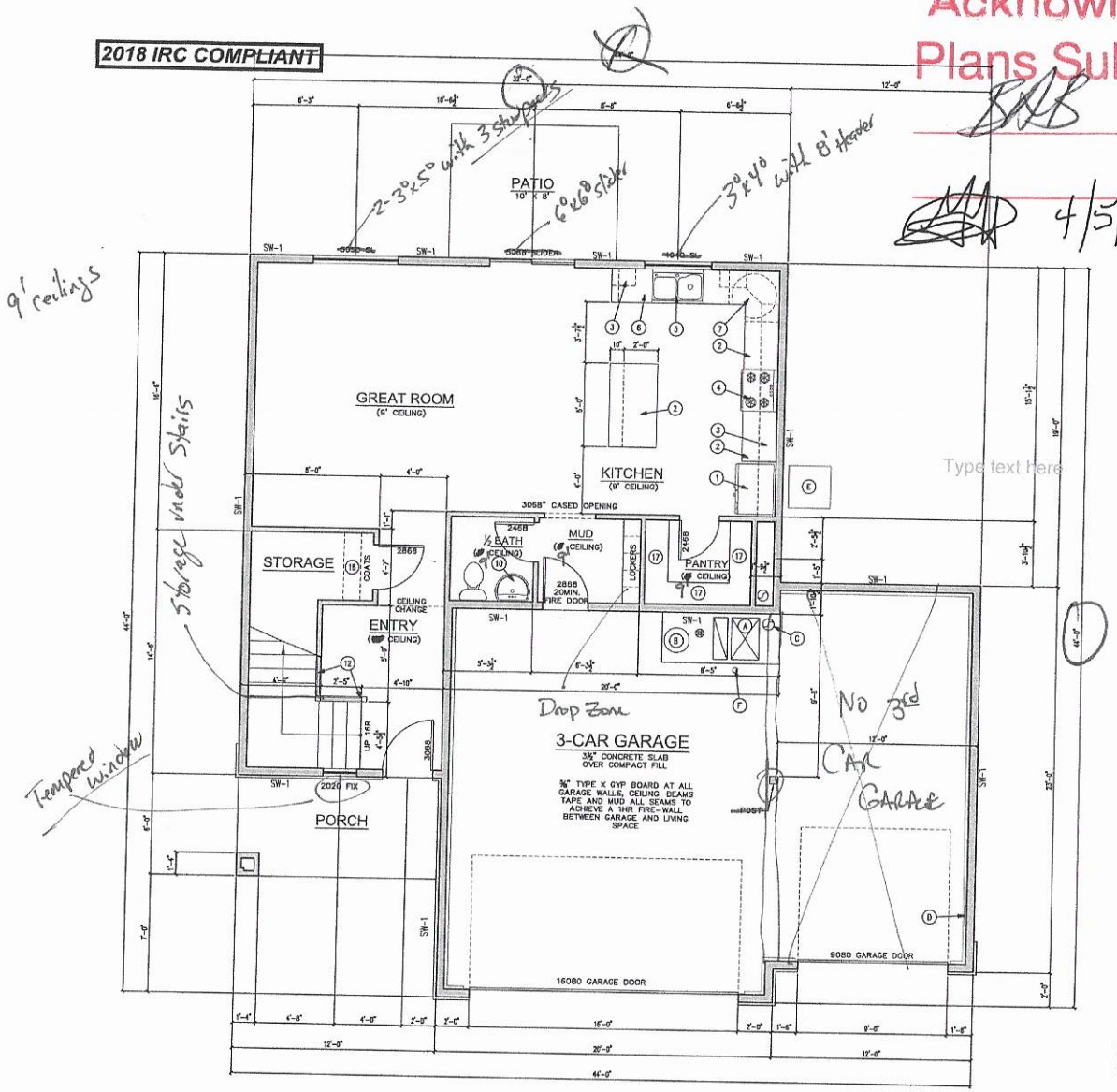
Scale: 1" = 100'	Tax P.I.N.: 4761-35-6792	Date Surveyed: 07/11/18
Drawn By: S.D.P.	Estate File: 12E-916 & 92E-431	Date Platted: 10/25/18
Deed References: 8499-1708 and 148-08	Total Area = 10.277 +/- Acres	
Chambersburg Township	Iredell County	North Carolina
Steven D. Pope & Associates 203 McGregor Lane Statesville, N.C. 28625 Ph. (704) 592-5082		Job No.: 19-Z DeatonPleasantMinorSub.dwg

Acknowledgement Of
Plans Submittal ONLY!

Date 4/6/2021

Date 4/5/21

2018 IRC COMPLIANT



MAIN FLOOR PLAN
SCALE: ¼" = 1'-0"

KEY NOTES:

1. 39" WIDE REFRIGERATOR SPACE (INSTALL WATER LINE)
2. COUNTERTOP OVER 36" HIGH BASE CABINET.
3. UPPER CABINETS STOP AT 8'-0" A.F.F.
4. 30" WIDE RANGE WITH HOOD ABOVE (VENT HOOD TO EXTERIOR AND PROVIDE AIR INTAKE
5. DOUBLE SINK WITH DISPOSAL AND SPRAYER
6. DISHWASHER
7. LAZY SUZAN
8. 24" X 36" CRAWL SPACE ACCESS
9. WASHER AND DRYER HOOKUPS (WASHER IS ON THE LEFT)
10. PEDESTAL SINK
11. SHELF OR CABINETS ABOVE WASHER AND DRYER
12. 36" HIGH RAILING WITH BALUSTERS SPACED SO THAT A 4" SPHERE CAN NOT PASS THROUGH
13. COUNTERTOP OVER 32" HIGH BASE CABINET
14. 30" X 60" TUB / SHOWER (2.5GPM SHOWER HEAD)
15. 42" X 60" TUB IN TILE OR MARBLE PLATFORM
16. TILE OR MARBLE SHOWER WITH SAFETY GLASS ENCLOSURE
17. (4) 16" SHELVES STARTING @ 24" ABOVE FINISHED FLOOR
18. 12" SHELF AND ROD
19. (2) 12" SHELVES AND (2) RODS
20. SINGLE UTILITY SINK

SQUARE FOOTAGE SCHEDULE:

FINISH MAIN FLOOR PLAN:	794
FINISH UPPER FLOOR PLAN:	1090
TOTAL FINISHED SQ. FT:	1884
GARAGE:	734
TOTAL PROJECT SQ. FT:	1884

SHEAR WALL NOTES

ALL EXTERIOR WALLS AND VERTICAL SURFACES AT STEPS IN ROOF SHALL BE SHEATHED WITH 7/16" APA RATED 24/0 OR BETTER STRUCTURAL WOOD PANELS. BLOCK ALL HORZ EDGES WITH 2" NOM. OR WIDER. 2" OR WIDER FRAMING AT ADJOINING PANEL EDGES AND NAILS SHALL BE STAGGERED WHERE 8d NAILS ARE SPACED 3" O.C. OR LESS. SHEATHING SHALL EXTEND CONTINUOUS FROM FLOOR TO TOP PLATE FRAMING ON UPPER EXT. WALLS. NAILS SHALL BE PLACED NOT LESS THAN 1/2" FROM EDGE OF PANEL AND DRIVEN FLUSH BUT SHALL NOT FRACTURE THE SURFACE OF THE SHEATHING. EXTEND SHEATHING OVER RIM AND NAIL TO RIM AND WALL PLATES 4" O.C.

SHEAR WALL SCHEDULE

TYPE	SHEATHING	NAIL	EDGE	FIELD	STAPLE EQ
TYPICAL	7/16" ONE SIDE	8d	6" O.C.	12" O.C.	16G @ 3" O.C.
SW-1	7/16" ONE SIDE	8d	4" O.C.	12" O.C.	16G @ 2" O.C.
SW-2	7/16" ONE SIDE	8d	3" O.C.	12" O.C.	NOT ALLOWED
SW-3	7/16" ONE SIDE	8d	2" O.C.	12" O.C.	NOT ALLOWED

NOTE: 16 GAUGE STAPLES MAY BE SUBSTITUTED FOR 8d NAILS AT 1/2 SPACING ON TYPICAL AND SW-1.
SW-2 AND SW-3 REQUIRE 3X OR (2) 2X ON JOINING PANEL EDGES.

MECHANICAL KEY NOTES

A. 80% MIN. EFFICIENT DIRECT VENT FURNACE.
B. 40 GALLON GAS WATER HEATER WITH TEMPERATURE SAFETY VALVE.
C. FLUE
D. ELECTRICAL PANEL
E. 13 SEER A/C UNIT
F. 4" DIAMETER STEEL BOLLARD

© COPYRIGHT 2018 ARCHWAY DESIGNS L.L.C. DUPLICATION OF THIS PLAN IS STRICTLY PROHIBITED BY LAW. FOR LEGAL COPIES OF THIS PRINT CONTACT ARCHWAY DESIGNS L.L.C @ 801-590-3466
ARCHWAY DESIGNS L.L.C. ARE PROFESSIONAL HOME DESIGNERS AND ARE NOT LICENSED ARCHITECTS OR ENGINEERS AND THEREFORE DO NOT CERTIFY TO THE STRUCTURAL INTEGRITY OF THIS PLAN. ALL PLANS SHOULD BE STAMPED BY A LICENSED PROFESSIONAL ENGINEER PRIOR TO CONSTRUCTION

ARCHWAY DESIGNS L.L.C.
ARCHITECTURAL DESIGN AND DRAFTING
www.archwaydesignsllc.com

PLAN STATUS

PRELIMINARY DRAWINGS DATED:
1ST DRAFT DATED:
FINAL DRAFT DATED: 4/20/18
PERMIT SET DATED: 5/15/18

REVISIONS:

DATE: 10/30/20 CRAWL
DATE:
DATE:
DATE:
DATE:

VASHON BASE PLAN

ADDRESS:

PAGE: A 6

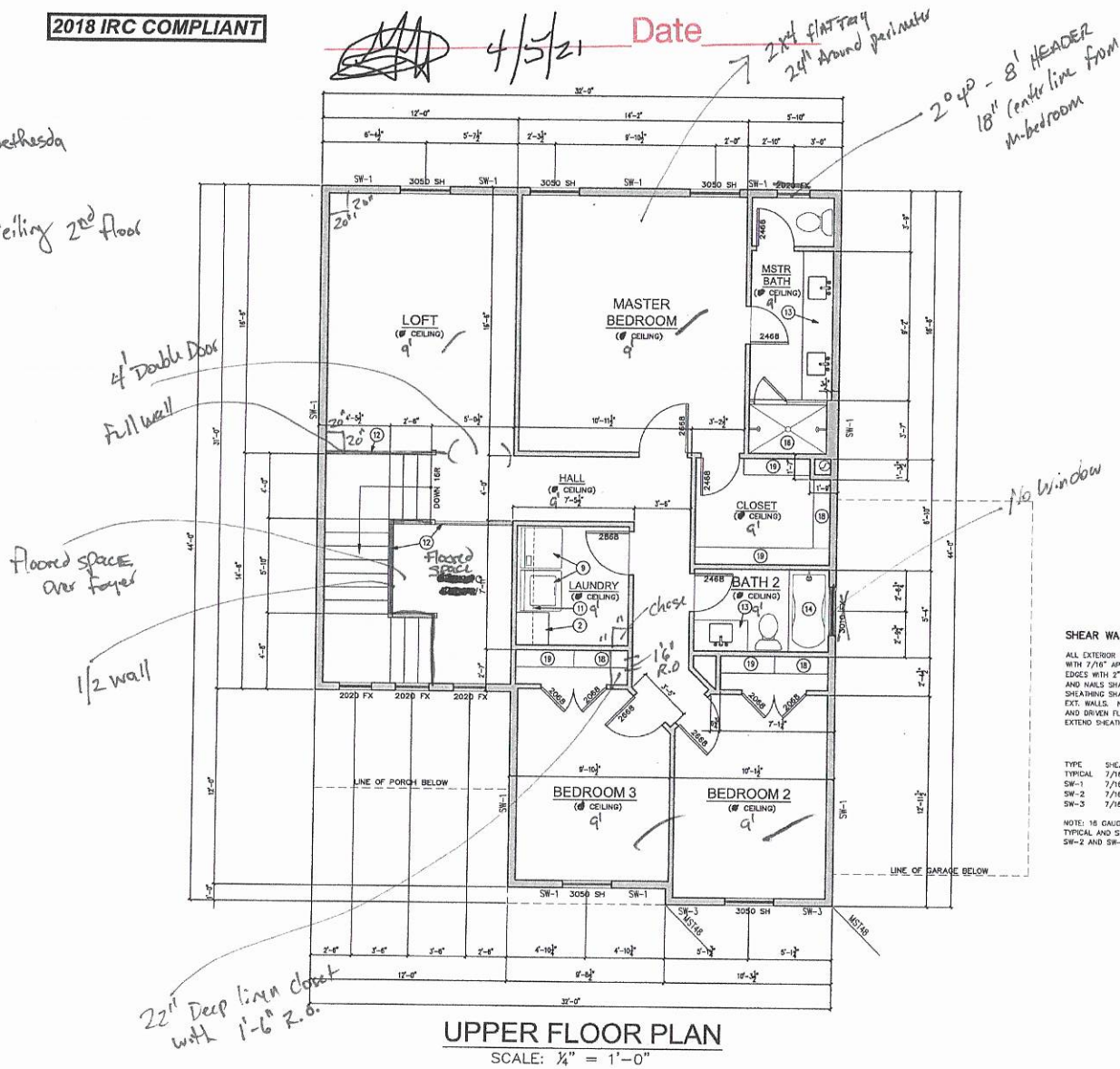
Acknowledgement of
Plans Submittal ONLY!
Date

2018 IRC COMPLIANT

4/5/21 Date

Lot (3) Bethesda

9' ceiling 2nd floor



UPPER FLOOR PLAN

SCALE: ¼" = 1'-0"

KEY NOTES:

1. 39" WIDE REFRIGERATOR SPACE, (INSTALL WATER LINE)
2. COUNTERTOP OVER 36" HIGH BASE CABINET.
3. UPPER CABINETS (TOP AT 8'-0" A.F.F.)
4. 30" WIDE RANGE WITH HOOD ABOVE (VENT HOOD TO EXTERIOR AND PROVIDE AIR INTAKE
5. DOUBLE SINK WITH DISPOSAL AND SPRAYER
6. DISHWASHER
7. LAZY SUZAN
8. 24" X 36" CRAWL SPACE ACCESS
9. WASHER AND DRYER HOOKUPS (WASHER IS ON THE LEFT)
10. PEDESTAL SINK
11. SHELF OR CABINETS ABOVE WASHER AND DRYER
12. 36" HIGH RAILING WITH BALUSTERS SPACED SO THAT A 4" SPHERE CAN NOT PASS THROUGH
13. COUNTERTOP OVER 32" HIGH BASE CABINET
14. 30" X 60" TUB / SHOWER (2.5GPM SHOWER HEAD)
15. 42" X 60" TUB IN TILE OR MARBLE PLATFORM
16. TILE OR MARBLE SHOWER WITH SAFETY GLASS ENCLOSURE
17. (4) 16" SHELVES STARTING @ 24" ABOVE FINISHED FLOOR
18. 12" SHELF AND ROD
19. (2) 12" SHELVES AND (2) RODS
20. SINGLE UTILITY SINK

SHEAR WALL NOTES

ALL EXTERIOR WALLS AND VERTICAL SURFACES AT STEPS IN ROOF SHALL BE SHEATHED WITH 7/16" APA RATED 24/0 OR BETTER STRUCTURAL WOOD PANELS. BLOCK ALL HORIZ EDGES WITH 2" NOM. OR WIDER. 2" OR WIDER FRAMING AT ADJOINING PANEL EDGES AND NAILS SHALL BE STAGGERED WHERE 8d NAILS ARE SPACED 3" O.C. OR LESS. SHEATHING SHALL EXTEND CONTINUOUS FROM FLOOR TO TOP PLATE FRAMING ON UPPER EXT. WALLS. NAILS SHALL BE PLACED NOT LESS THAN 1/2" FROM EDGE OF PANEL AND DRIVEN FLUSH BUT SHALL NOT FRACTURE THE SURFACE OF THE SHEATHING. EXTEND SHEATHING OVER RIM AND NAIL TO RIM AND WALL PLATES 4" O.C.

SHEAR WALL SCHEDULE

TYPE	SHEATHING	NAIL	EDGE	FIELD	STAPLE EQ
TYPICAL	7/16" ONE SIDE	8d	6" O.C.	12" O.C.	16G @ 3" O.C.
SW-1	7/16" ONE SIDE	8d	4" O.C.	12" O.C.	16G @ 2" O.C.
SW-2	7/16" ONE SIDE	8d	3" O.C.	12" O.C.	NOT ALLOWED
SW-3	7/16" ONE SIDE	8d	2" O.C.	12" O.C.	NOT ALLOWED

NOTE: 16 GAUGE STAPLES MAY BE SUBSTITUTED FOR 8d NAILS AT 1/2 SPACING ON TYPICAL AND SW-1.
SW-2 AND SW-3 REQUIRE 3X OR (2) 2X ON JOINING PANEL EDGES.

© COPYRIGHT 2018 ARCHWAY DESIGNS L.L.C. DUPLICATION OF THIS PLAN IS STRICTLY PROHIBITED BY LAW. FOR LEGAL COPIES OF THIS PRINT CONTACT ARCHWAY DESIGNS L.L.C @ 801-680-2408

ARCHWAY DESIGNS L.L.C. ARE PROFESSIONAL HOME DESIGNERS AND ARE NOT LICENSED ARCHITECTS OR ENGINEERS AND THEREFORE ARE NOT QUALIFIED TO CERTIFY TO THE STRUCTURAL INTEGRITY OF THIS PLAN. ALL PLANS SHOULD BE STAMPED BY A LICENSED PROFESSIONAL ENGINEER PRIOR TO CONSTRUCTION

ARCHWAY DESIGNS L.L.C.
ARCHITECTURAL DESIGN AND DRAFTING
www.archwaydesigns.com

PLAN STATUS

PRELIMINARY DRAWINGS DATED:
1ST DRAFT DATED:
FINAL DRAFT DATED: 4/29/18
PERMIT SET DATED: 5/15/18

REVISIONS:

DATE: 10/20/20 CRAWL
DATE:
DATE:
DATE:
DATE:

VASHON BASE PLAN

ADDRESS:

PAGE: A 7

IREDELL COUNTY · NC

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

APPLICATION NUMBER
316392 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4761452914.000	1092 BETHESDA RD	Iredell County

Owner Information	Applicant Information
Name: MEADOWS JEFFERY C+LEW A D	Name: TRUNORTH HOMES LLC
Address:	Address: 631-300 BRAWLEY SCHOOL ROAD PMB 217
,	MOORESVILLE, NC 28117
Phone:	Phone: (704)363-2845

Use Requested	Zone Code
Single Family Dwelling	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
1.122	35	35	15	15		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.

Signature of Owner/Contractor

Date: 04/05/2021

Permit Number	316392	TOTAL FEES:	$77.25