ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 873-5305 Mooresville Office (704) 660-3625 PERMIT # 305920

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

PIN # 4751160742.000

APPLICANT/OWNER: Tru North Homes LLC APPLICANT ADDRESS: 631-300 Brawley School Rd Mooresville NC 28117.

SITE ADDRESS: 180 Pear Tree Rd, Troutman NC 28166 PHONE: 704 363-2845 ALT. PHONE —

SITE DIRECTIONS: Amity Hill Rd to Pear Tree Rd 180 Pear Tree is corner lot SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Kelly Farmstead SECTION: 3 LOT # 39. LOT AREA: .644 Acres DESIGN FLOW: 360 L.T.A.R.: .275

Septic Tank	1000	(gal)	STB 794	Date	8-17-2020	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank		(gal)	PT	Date		System Description:	Gravity - 25% Reduction.			☐ Business	No. Persons 6
Pump Make		Model		Serial #		Repair System Description:	LPP PPBPS - 50% Reduction.			☐ Other	No. Employees
# Nitrification Fields	1	# Lines	5	Linear Ft	328	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space
Trench Width	36	Trench Bottom Depth (low side)	22 in Max	Gravel Depth	—	☒ GRAVITY	☐ PRESSURE			☐ Basement w/ plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Landscape Berm along Pear Tree to Promote positive Drainage away from the Septic System If Foundation Drains are installed all Setbacks must be met.

INITIAL SITE SKETCH

See attached Design and Site Plan by Soil & Forestry Services of the Carolinas, PA date July 2, 2020

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.

SEE ATTACHED INSTALLED AS PERMITTED

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**

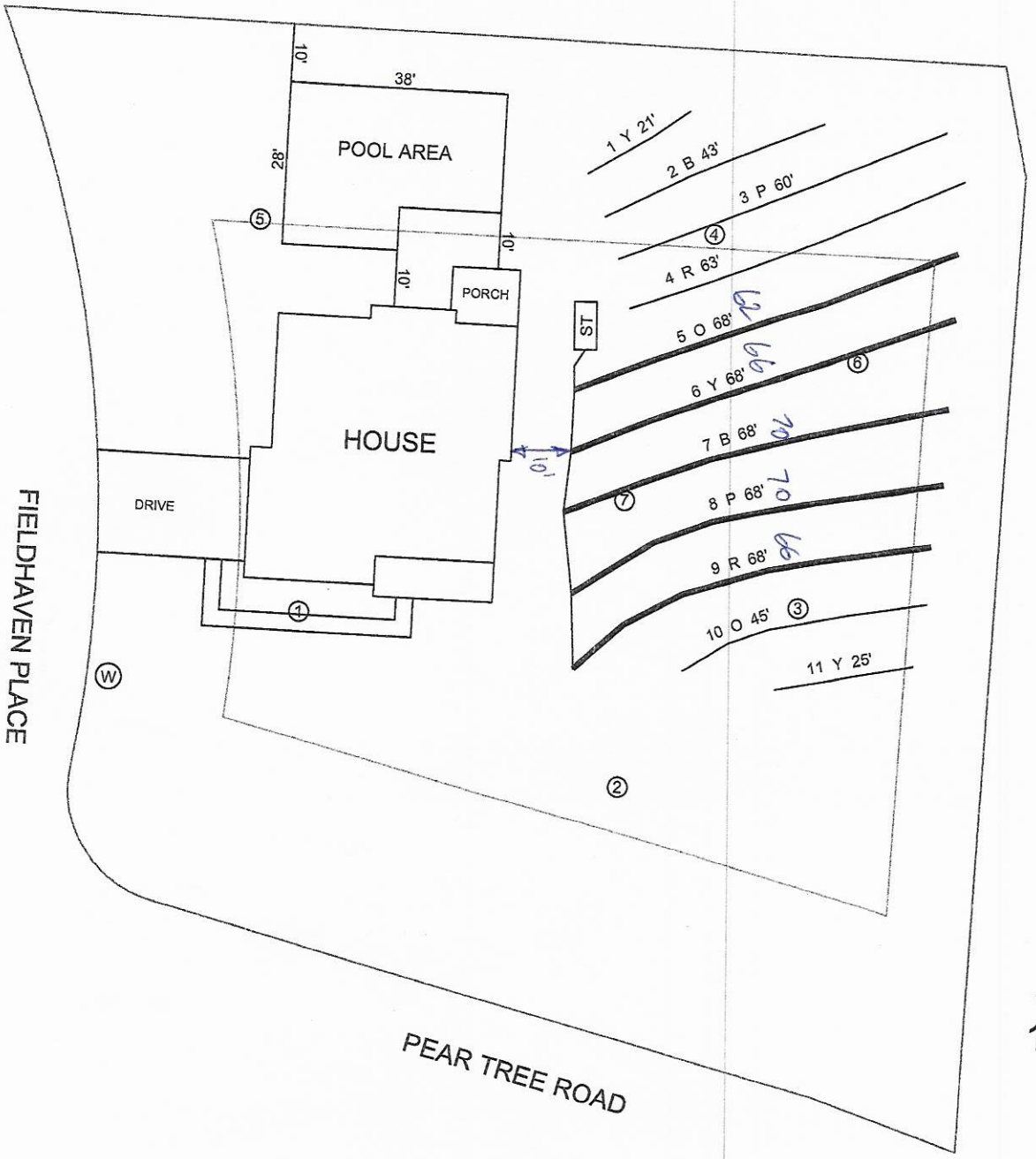
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: Installed by: RUSSELL WILLIAMS

IMPROVEMENT PERMIT by: Benjamin A Bythi Date: 7-17-2020 OPERATION PERMIT by: Bryant C. Mills Date: 9-22-2020

AUTHORIZATION TO CONSTRUCT by: Benjamin A Bythi Date: 7-17-2020 Existing System Inspected by: Date:

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


10'
38'
28'
POOL AREA
10'
10'
PORCH
ST
HOUSE
10'
DRIVE
1 Y 21'
2 B 43'
3 P 60'
4 R 63'
5 O 68'
6 Y 68'
7 B 68'
8 P 68'
9 R 68'
10 O 45'
11 Y 25'
FIELDHAVEN PLACE
PEAR TREE ROAD
NORTH

SCALE
1' = 30'

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 3 bedroom single family residence at 180 Pear Tree Rd, Lot 39, Kelly Farmstead Subdivision PIN#(4751160742) Troutman 28166, Iredell County, NC. Original Repair Area Modified to Accommodate a Pool. No Soil Evaluation Needed.

Contents:

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July 2, 2020
Project #: 20-0019
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 50% reduction Modified Conventional PPBPS installation.

GRAVITY ACCEPTED SYSTEM FOR WASTEWATER TREATMENT

Owner/Applicant: TruNorth Homes, LLC

Address: 631-300 Brawley School Rd
Mooresville, NC 28117

Phone:

County: Iredell

Location: 180 Pear Tree Rd
Kelly Farmstead

Source of Wastewater Flow: 3 Bedroom Single Family Residence

Estimated Gallons Per Day Flow: 360

System Flow: N/A

Design Specifications

Drainfield Size: 340

Loading Rate (gpd/ft.^{2}): 0.275

Depth of Gravel in Trench: N/A

Gravel Size: N/A

Max.Trench Depth: 22 in. Repair Trench Bottom 30 in.

Trench Width: 36 in.

Septic Tank Size: 1000

Estimated Supply Line Length: 18

Supply Line Diameter: 4 in. SCH 40 PVC

Supply Line Volume: 5.22

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

180 Pear Tree Rd

ACCEPTED SYSTEM

DESIGN FLOW (gpd):	360
SOIL APPLICATION RATE (gpd/ft.^{2}):	0.275
TOTAL AREA TRENCH BOTTOM:	1020
TOTAL LATERAL LENGTH:	340
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	327.2727273
SUPPLY LINE LENGTH:	8
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 - 180 Pear Tree Rd

Project #: 20-0019

LAYOUT FOR 3 BEDROOM HOME

July 2, 2020

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM							
INSTR. 1							
1	YELLOW					26	21
2	BLUE					43	43
3	PINK					60	60
4	RED					72	63
5	*ORANGE*					*72*	*68*
6	*YELLOW*					*72*	*68*
7	*BLUE*					*70*	*68*
8	*PINK*					*69*	*68*
9	*RED*					*68*	*68*
10	ORANGE					45	45
11	YELLOW					25	25
					Total	622	597

	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION
** System*	*340*	*0.275*	*ACCEPT.*	*0.275*	*25% RED*	*GRAVITY*
Repair	257	0.250	MOD. CONV.	0.250	PPBPS	LOW PRESSURE

Notes:

**All measures in feet

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

**Nitrification lines were located by tape measures.

**Property lines, corners & house were located by a Professional Land Surveyor.

CALCULATIONS

Location 180 Pear Tree Rd
Troutman, NC 28166
Project Number 20-0019

Lot No: 39

No. of Bedrooms 3

Design Flow 360 $^{gal}/_{day}$

LTAR 0.275 $^{gal}/_{ft^2\ day}$

PPBPS? (YES OR NO) NO

Supply Line Length 8 ft.

Supply Line Volume 5.224 gal.

Required Feet of Line 327.2727 ft.
Amount of Line from Layout 340 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

DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 2
PROPERTY ID #: 4751160
COUNTY: Iredell

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

OWNER: Garrison Davis / Tru North Homes, LLC
ADDRESS: 631-300 Brawley School Rd Mooresville NC 28117
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360gpd
LOCATION OF SITE: 180 Pear Tree Rd, Troutman NC 28166 Lot 39
APPLICATION DATE 3/6/20
DATE EVALUATED: 2/24/20
PROPERTY SIZE: .64 Ac
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
B 1	L/7%	0-9	Fill						
		9-15	BSL Gr	Fr SS SP					PS .3
		15-38	RC wmsbk	" "		49			
		38-49	RBCL wfsbk	" "	Few SAP				
		49-60	UHR. FSL MASS	" "					
B 2	L/5% Fill?	0-23	BSL Gr	Fr SS SP					Mars/Un Poss Fill. Need Pit
		23-33	RBSCL wfsbk	"Fr SS SP"					
		33-44	RBSC wmsbk	Fr SS SP	Few Mags.	?			
		44-56	BRC wmsbk	F SP	Few Fe Dep's.				
B 3	L/7%	0-10	BSL Gr	Fr SS SP					PS .25
		10-17	RBCL wmsbk	Fr SS P		52			
		17-52	BRC wmsbk	Fr SS P	Fe Dep @ 37"				
B 4		0-10	BSCL wfsbk	Fr SS SP					PS .275-.3
		10-33	BRC wmsbk/MR	Fr SS P		48			
		33-48	RBCL wfsbk	Fr SS SP	Few to C. SAP				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted	PP BPS
Site LTAR	0.275	0.25

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

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

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

PROPERTY ID #: 4751160742
DATE OF EVALUATION: 2/24/20
COUNTY: Iredell

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
B5	L/8%	0-11	BCL wfsbk	Fr SS SP					
		11-42	BRC wmsbk/Absk	F SS P					PS .3
		42-48	RBCL wfsbk	Fr SS SP	Few to C SAP	48			
B6	L/5%	0-7	B=lsc	Fr SSSPSExP					
		7-12	RB scl/cl wmsbk	" " " "					PS-37" .25 (.275) TB-22"
		12-37	BRC wmsbk	F SS P SExP	Few to C SAP	37		37	
		37"	AR the Flanker	Need PH					
B7	L/5%	0-9	B=lsc	Fr SSSPSExP					
		9-36	RC wmsbk	" " " "					PS
		36-48	RBCL wfsbk	" " " "	Few to C SAP	48	—	—	0.3

COMMENTS:

RECEIVED JUL 1 4 2020

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

*Expedited Limited Review for Pool.

APPLICATION FORM

AP-308940 Paid $75.00

Application For:
(✓) Septic Improvement Permit ( ) New Well Permit ( ) 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

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 (X) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: Tru North Homes LLC Address: 631-300 Brawley School Rd Mooresville NC Zip: 28117

Applicant Email: garrison@trunorthhomes.com Phone: 704-363-2845 Alt. Phone:

Owner Name: Gonzalo Herrera Address: 14130 Magnolia Walk Dr., Huntersville NC Zip: 28078

Owner Email: garrison@trunorthhomes.com Phone: 704-363-2845 Alt. Phone:

Property Information:

Street Address: 180 Pear Tree Rd, Troutman NC 28166

Subdivision Name: Kelly Farmstead Section/Phase: P3 S1 Lot Number: 39

Driving Directions: Amity Hill Rd to Pear Tree Rd, 180 Pear Tree is corner lot.

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

(✓) 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: 3
Maximum Number of Occupants: 6
(X) Swimming Pool
( ) Other Addition/Structure:

CHECK FOUNDATION TYPE
(✓) 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 (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: [redacted] 7/2/20

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

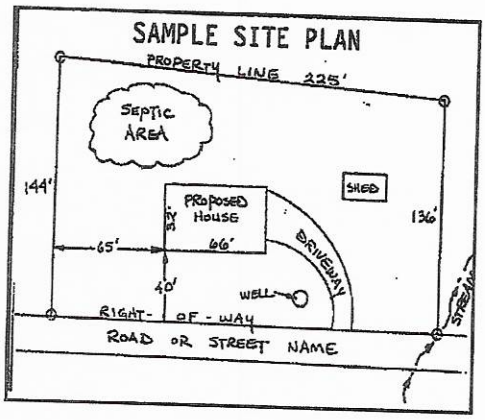
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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
- (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

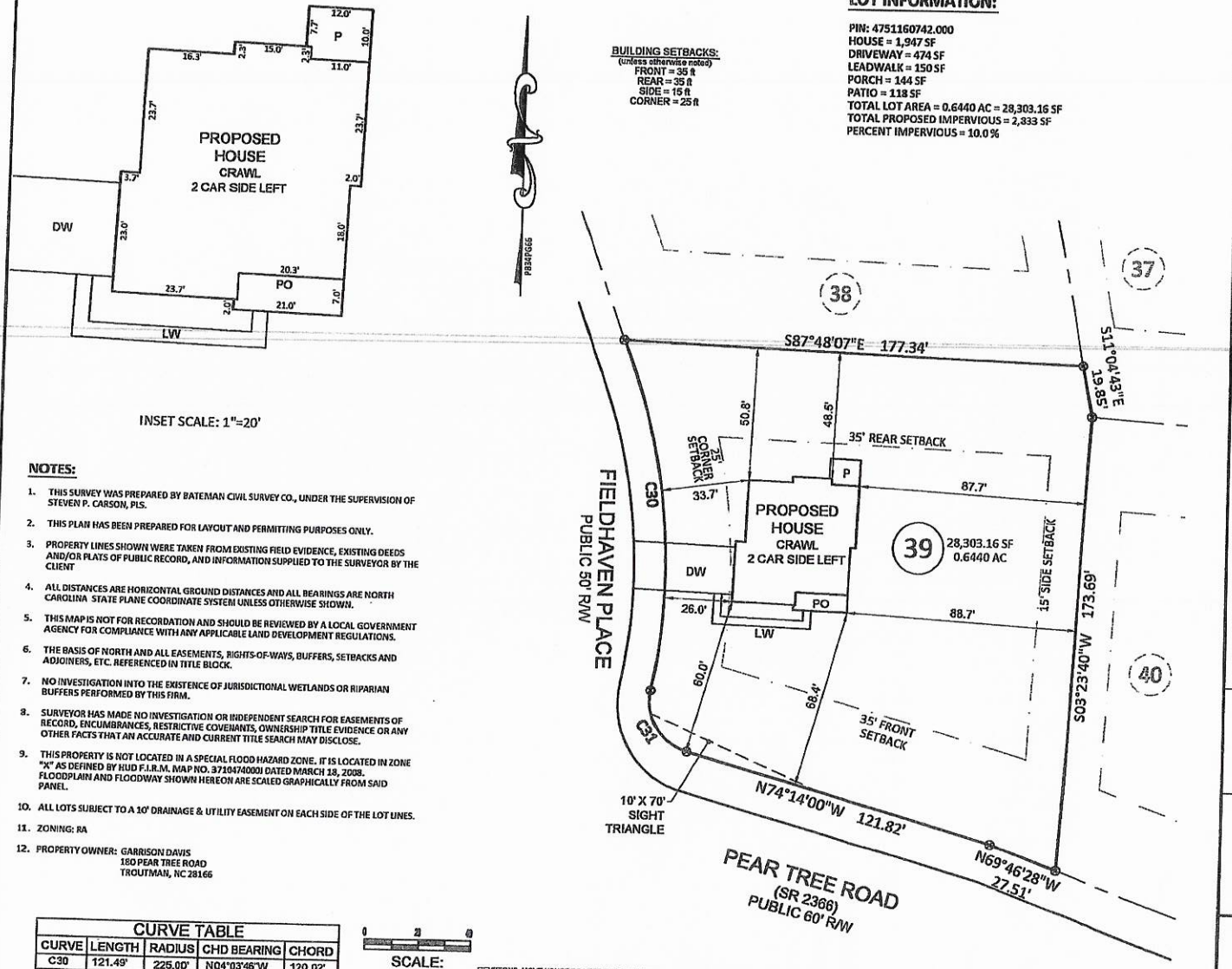
See Attached

Signature: Sam Tallent

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

7/2/20

DATE



LOT INFORMATION:

PIN: 4751160742.000
HOUSE = 1,947 SF
DRIVEWAY = 474 SF
LEADWALK = 150 SF
PORCH = 144 SF
PATIO = 118 SF
TOTAL LOT AREA = 0.6440 AC = 28,303.16 SF
TOTAL PROPOSED IMPERVIOUS = 2,833 SF
PERCENT IMPERVIOUS = 10.0 %

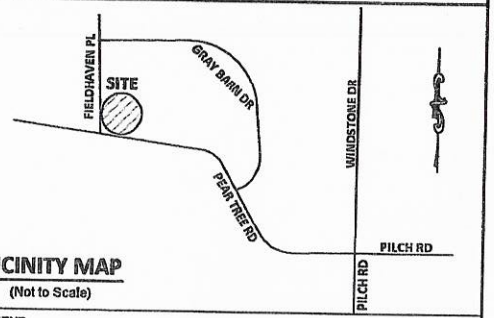
NOTES:

1. THIS SURVEY WAS PREPARED BY BATEMAN CIVIL SURVEY CO., UNDER THE SUPERVISION OF STEVEN P. CARSON, PLS.
2. THIS PLAN HAS BEEN PREPARED FOR LAYOUT AND PERMITTING PURPOSES ONLY.
3. PROPERTY LINES SHOWN WERE TAKEN FROM EXISTING FIELD EVIDENCE, EXISTING DEEDS AND/OR PLATS OF PUBLIC RECORD, AND INFORMATION SUPPLIED TO THE SURVEYOR BY THE CLIENT
4. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES AND ALL BEARINGS ARE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM UNLESS OTHERWISE SHOWN.
5. THIS MAP IS NOT FOR RECORDATION AND SHOULD BE REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS.
6. THE BASIS OF NORTH AND ALL EASEMENTS, RIGHTS-OF-WAYS, BUFFERS, SETBACKS AND ADJOINERS, ETC. REFERENCED IN TITLE BLOCK.
7. NO INVESTIGATION INTO THE EXISTENCE OF JURISDICTIONAL WETLANDS OR RIPARIAN BUFFERS PERFORMED BY THIS FIRM.
8. SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.
9. THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD ZONE. IT IS LOCATED IN ZONE "X" AS DEFINED BY HUD F.I.R.M. MAP NO. 3710474000I DATED MARCH 18, 2008. FLOODPLAIN AND FLOODWAY SHOWN HEREON ARE SCALED GRAPHICALLY FROM SAID PANEL.
10. ALL LOTS SUBJECT TO A 10' DRAINAGE & UTILITY EASEMENT ON EACH SIDE OF THE LOT LINES.
11. ZONING: RA
12. PROPERTY OWNER: GARRISON DAVIS
180 PEAR TREE ROAD
TROUTMAN, NC 28166

CURVE TABLE				
CURVE	LENGTH	RADIUS	CHD BEARING	CHORD
C30	121.49'	225.00'	N04°03'46"W	120.02'
C31	29.89'	20.00'	N31°24'50"W	27.19'

REVISIONS: MOVE HOUSE TO LEFT SETBACK & 60' FROM FRONT PROPERTY LINE, CHANGE TO SIDE LOAD GARAGE, CHANGE COVERED PATIO TO PATIO SLAB PER REQUEST; REDO PLOT PLAN 3-4-20 NMW
ROTATE HOUSE PARALLEL TO FIELDHAVEN PLACE PER REQUEST; REDO PLOT PLAN 3-4-20 NMW
CORRECT FRONT OF HOUSE/FIX PORCH & GARAGE AREA 3-19-20 NMW

Bateman Civil Survey Company
Engineers • Surveyors • Planners
2524 Reliance Avenue, Apex, NC 27539 Ph: 919.577.1080 Fax: 919.577.1081
www.batemancivilsurvey.com info@batemancivilsurvey.com
NCBELS Firm No. C-2378



VICINITY MAP
(Not to Scale)

LEGEND

PO = PORCH
P = CONCRETE PATIO
CP = COVERED PORCH/PATIO
SP = SCREENED PORCH/PATIO
WD = WOOD DECK
S = CONCRETE STOOP
SW = SIDEWALK
LW = LEADWALK
DW = CONCRETE DRIVEWAY
⊗ = COMPUTED POINT
○ = IRON PIPE FOUND (IPF)
◎ = IRON PIPE SET (IPS)
WM = WATER METER
⋈ = WATER VALVE
CO = CLEAN OUT
AC = AIR CONDITIONER
S = SEWER MANHOLE
EB = ELECTRIC BOX
CB = CABLE BOX
TB = TELEPHONE BOX
CI = CURB INLET
DI = DROP INLET
YI = YARD INLET
☼ = LIGHT POLE
= FIRE HYDRANT
HH = HAND HOLE COVER

I, STEVEN P. CARSON, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY DIRECT SUPERVISION FROM A SURVEY MADE UNDER MY SUPERVISION (PLAT BOOK REFERENCED IN TITLE BLOCK); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION LISTED UNDER REFERENCES; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; AND THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARD OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA.
L-4752
DATED:

PRELIMINARY

This map is of an existing parcel of land and is only intended for the parties and purposes shown. This map not for recordation. No title report provided.

BUILDER TO VERIFY HOUSE MODEL, LOCATION, DIMENSIONS AND REVIEW TOTAL IMPERVIOUS NOTED ON THIS PLOT PLAN

PRELIMINARY PLOT PLAN
FOR
GARRISON DAVIS

KELLY FARMSTEADS - PHASE 3, SECTION 1 - LOT 39
109 PEAR TREE ROAD, TROUTMAN, NC
BARRINGER TOWNSHIP, IREDELL COUNTY

DATE: 3/3/20 DRAWN BY: NMW CHECKED BY: SPC

REFERENCE: PB 34, PG 66 PROJECT #: 200173 SCALE: 1" = 40'

P:\2020 Projects\200173 Davis Survey 180 Pear Tree Rd\dwg\200173 Davis Survey 180 Pear Tree Rd.dwg, 3/10/2020 11:49:21 AM, nwilker

DocuSign Envelope ID: 7061216B-0417-4763-9703-AF2099A6816F

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative:

Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship

In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:

Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form.

If there are multiple property owners, then all property owners must sign the form that designates a legal representative.

By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

I, Gonzalo J. Herrera, am the legal owner(s) of the property located at 180 Pear Tree Rd Troutman, NC 28166 identified as PIN (Parcel Identification Number) 4751160742.000, located in Iredell County, North Carolina.

I do hereby authorize (print legal representative/company name) Garrison Davis/TruNorth Homes, LLC 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.

DocuSigned by: [signature] 3/10/2020
Signature of Owner(s) Date

DocuSigned by: [signature] 3/10/2020
Signature of Witness Date

Please return this signed form to the appropriate office:

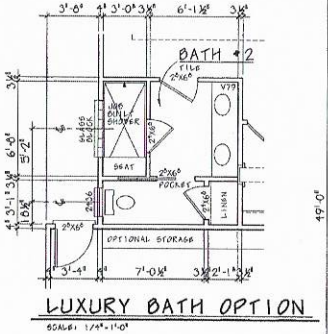
Mooresville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

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

Acknowledgement Of
Plans Submittal ONLY!

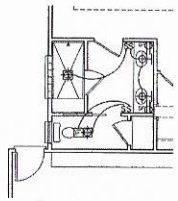
Date 2/14/20

Date 2/14/2020



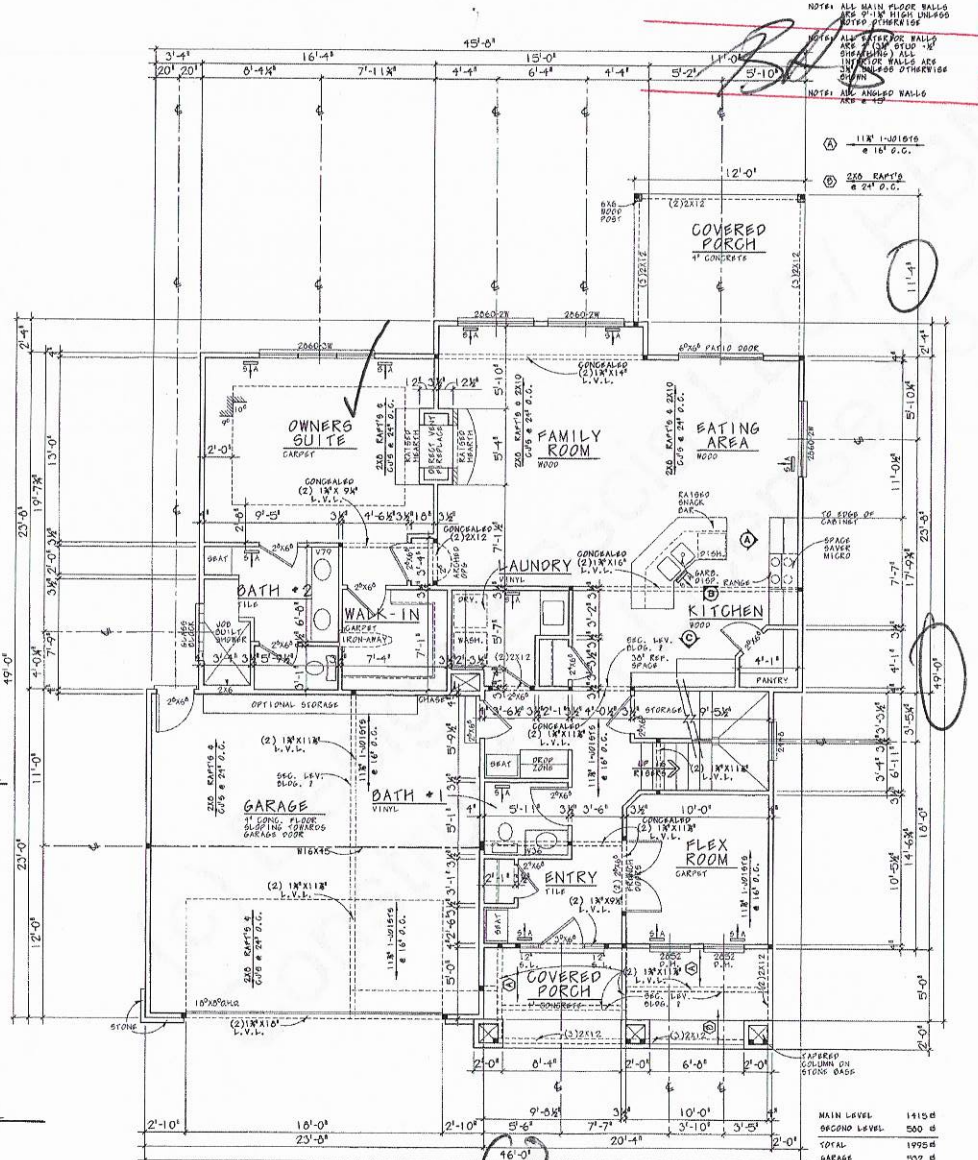
LUXURY BATH OPTION

SCALE: 1/4"=1'-0"



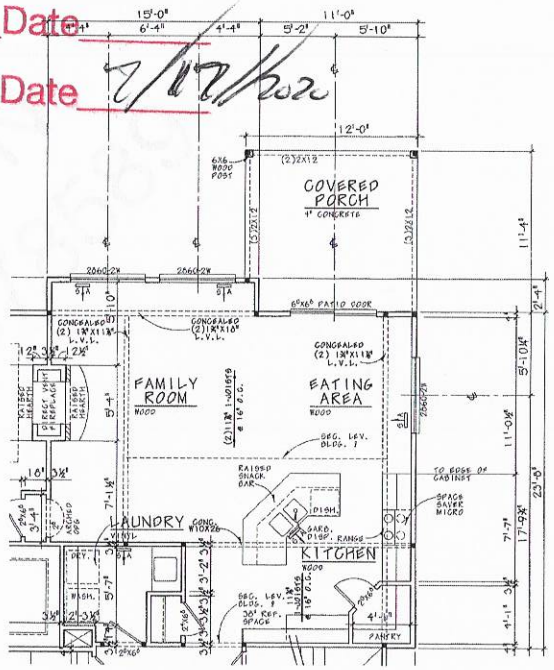
LUXURY BATH OPTION ELECTRICAL

SCALE: 3/16" = 1'-0"



MAIN FLOOR PLAN

SCALE: 1/4"=1'-0"



MAIN FLOOR PLAN W/ SECOND FLOOR OPTION

SCALE: 1/4"=1'-0"

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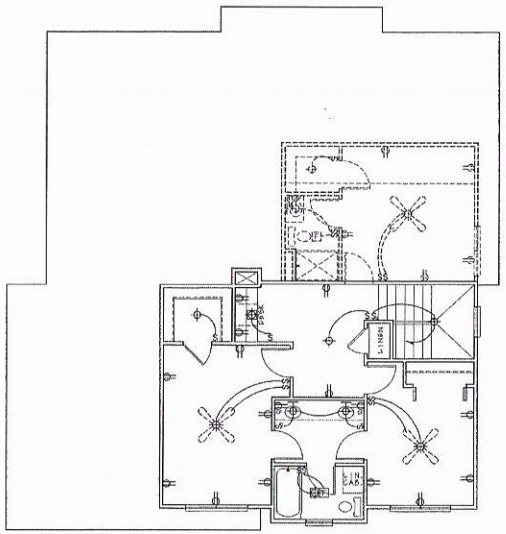
42065

SHEET 4 of 6

Acknowledgement Of Plans Submittal ONLY!

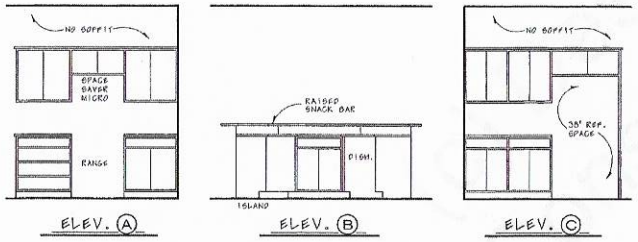
7/14/20 Date

Date 7/17/2020



SECOND FLOOR ELECTRICAL

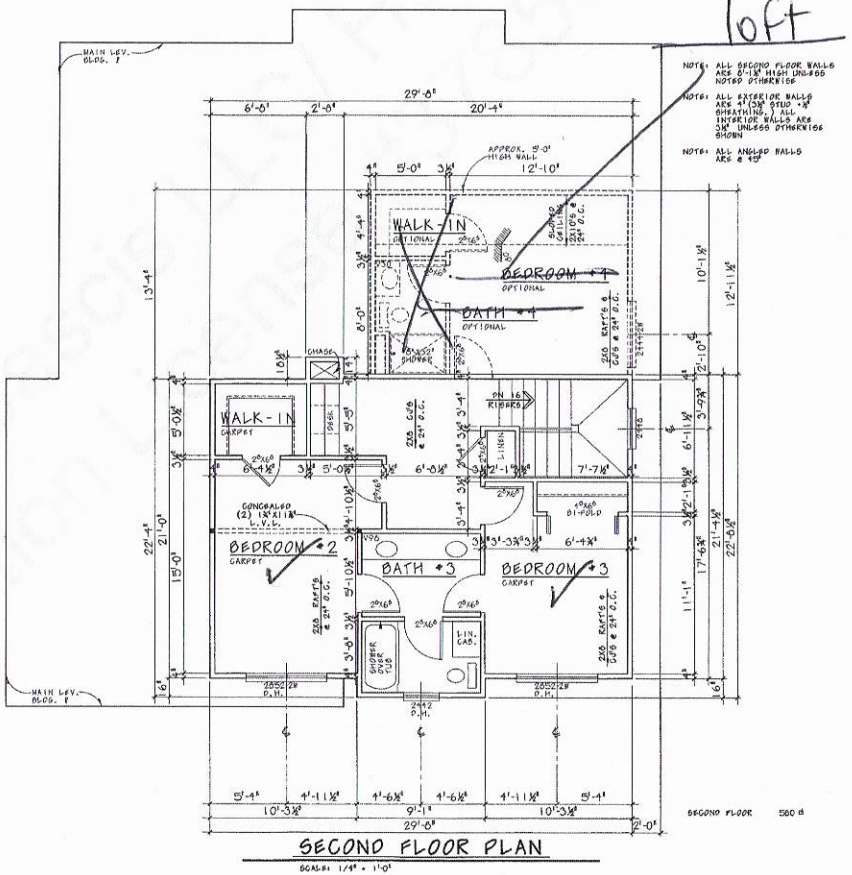
SCALE: 3/16" = 1'-0"



KITCHEN CABINET ELEVATIONS

SCALE: 3/8" = 1'-0"

open loft



SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"

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SHEET 5 of 6

IREDELL COUNTY · NC

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

APPLICATION NUMBER
308940 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4751160742.000	180 PEAR TREE RD	IREDELL COUNTY

Owner Information	Applicant Information
Name: TRUNORTH HOMES LLC Address: , Phone:	Name: TRUNORTH HOMES LLC Address: , Phone:

Use Requested	Zone Code
SWIMMING POOL	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0.644	0	10	25	10	N/A	NO

Remarks

pool

Must meet requirement R22 of the LDC. Pools shall be located to comply with minimum setbacks for accessory structures- located behind front building line of house, 10' from side & rear property line. Lake lots must meet the 50' setback from the 760 contour line AND the 35' setback from the rear property line. Pools that are not an integral part of the principal building shall be located at least the minimum distance from the principal building necessary to comply with N.C. Building Code. Setback from house could be +/-10'. Fenced with a minimum 4' in height, and equipped with self-closing and positive self-latching gate provided with hardware for permanent locking. Fence not required for above ground pools if they are at least 4' in height, the ladder removed, or when NOT in use have a gate to the ladder as described above.

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: 07/09/2020

Permit Number	308940	TOTAL FEES:	$77.25

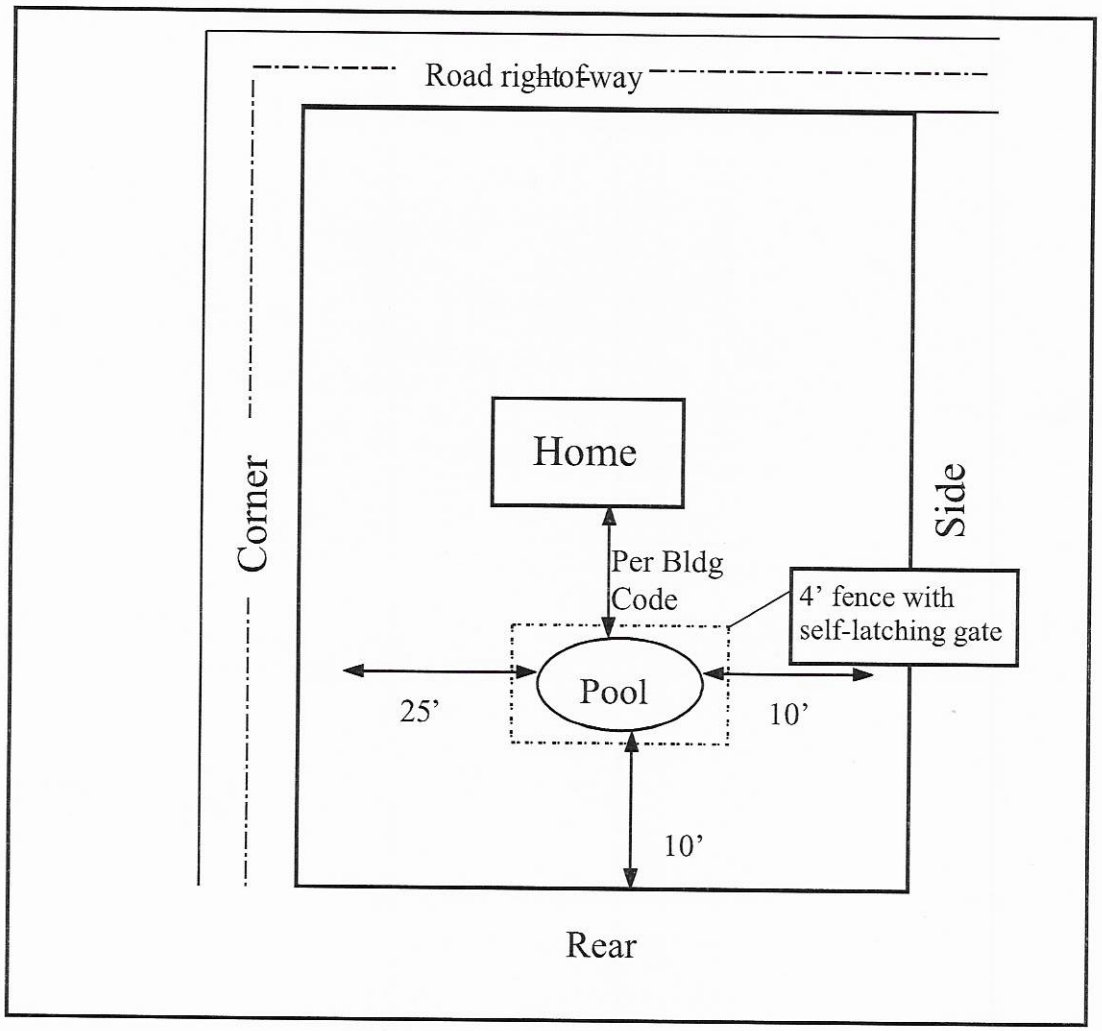
ZONING DISCLAIMER

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. Applicant further acknowledges that the 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.

Samuel A Tallent 7/9/20

Applicant Date

STREET NAME : 180 PEAR TREE RD



In the box above indicate the location of the building's or structure's, their orientation to the front of the lot as indicated, and the setback distances to all property lines and the distances to any other building's or structure's on the lot. Also indicate the size/shape of the lot and the corresponding dimensions when necessary. The front of the lot is the portion which abuts a public right of way or easement.