# ICHD - ENVIRONMENTAL HEALTH DIVISION

HS

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP-310291

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

PIN # 4740 - 11 - 1602

APPLICANT/OWNER: CLAYTON HOMES/IRONIVEY LLC APPLICANT ADDRESS: 2026 NORTHSIDE DRIVE, STATESVILLE, N.C, 28625

SITE ADDRESS: 161 RIDGE CREEK DRIVE, TROUTMAN, N.C. 28166 PHONE: 704-239-1249 ALT. PHONE 704-360-2874

SITE DIRECTIONS: (S) ON 21, (R) ON FLOWER HOUSE, (R) ON CLONTZ HILL, (L) ON RIDGECREEK, LOT ON (L)

SAP CONTROLLED: ☐ YES ☑ NO REPAIR YES

SUBDIVISION: ROCKY CREEK COVE SECTION: - LOT # 11 LOT AREA: 0.53 Ac DESIGN FLOW: 360 GPD L.T.A.R.: 0.3

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 | (gal) | STB | 10/2 | Date | 1-5-21 | ☑ New System | ☐ Repair | ☐ Expansion | System Type: I II (III) IV V VI | |
| Pump Tank | - | (gal) | PT | - | Date | - | System Description: | 25% REDUCTION | | | |
| Pump Make | - | Model | | - | Serial # | - | Repair System Description: | 50% REDUCTION - PPBPS | | | |
| # Nitrification Fields | 1 | # Lines | | 4 | Linear Ft: | 304FT | Maintenance Agreement Required: | ☐ YES | ☑ NO | | |
| Trench Width | 36 IN | Trench Bottom Depth(Low side) | | 20 IN | Gravel Depth | - | ☑ GRAVITY | ☐ PRESSURE | | | |

| | | | |
|---|---|---|---|
| ☑ Residence | No. Bedrooms | 3 | **Water Supply** |
| ☐ Business | No. Persons | 6 | ☑ Private |
| ☐ Other | No. Employees | - | ☐ Public |
| ☐ Slab | ☑ Crawl Space | | ☐ Community |
| ☐ Basement w/plumbing | | | ☐ Basement w/o plumbing |

Comments / Conditions: SITE PLAN MUST BE ATTACHED AT ALL TIMES

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 AND FORESTRY SERVICES OF THE CAROLINAS, P.A.

LSS # 1231

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.

Installed as Drawn

*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**

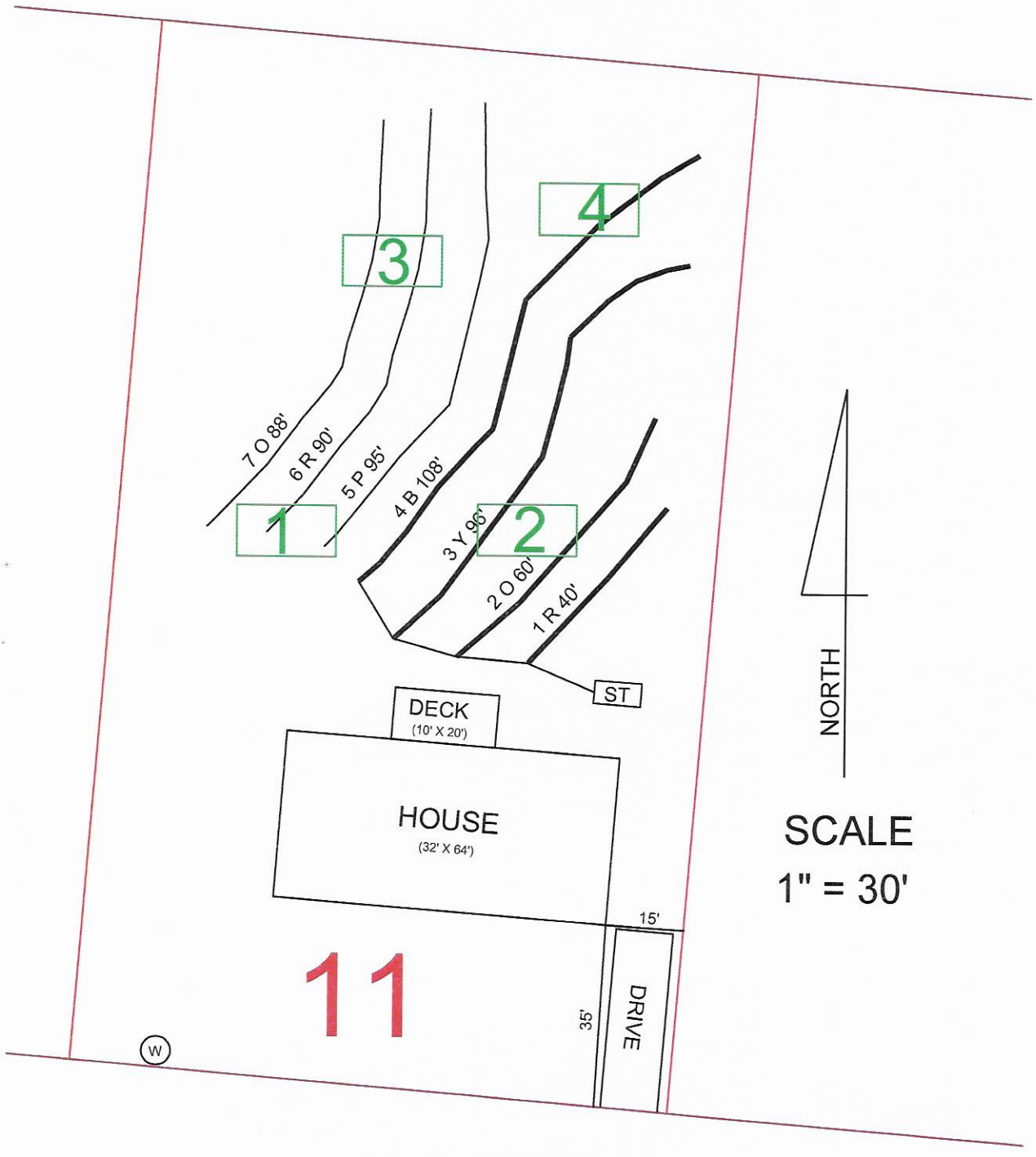
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☑ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☑ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] Date: 10-5-2020 Installed by: Steve Jordan Piedmont Backhoe Service

IMPROVEMENT PERMIT by: [signature] Date: 9-23-2020 OPERATION PERMIT by: [signature] Date: 3-8-2021

AUTHORIZATION TO CONSTRUCT by: [signature] Date: 10-5-2020 Existing System Inspected by: Date:

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


4
3
7 O 88'
6 R 90'
5 P 95'
4 B 108'
1
2
3 Y 96'
2 O 60'
1 R 40'
ST
DECK
(10' X 20')
HOUSE
(32' X 64')
15'
11
35'
DRIVE
W
NORTH
SCALE
1" = 30'

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

Sheet 1 of 1
PROPERTY ID #: 4794011602
COUNTY: Iredell

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

OWNER: Iron Ivey, LLC
ADDRESS: 935 Bronx River Avenue, Bronx NY 10473
APPLICATION DATE
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360 gpd
DATE EVALUATED: 2016
LOCATION OF SITE: 161 RIDGE CREEK | LOT 11 Rocky Creek Circle
PROPERTY SIZE: 0.53
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 | 6% L | 0-17 | brown CL wk sbk | fr ss sp sexp | 0-36" many black mensense | 63" | | | .275-.25 |
| | | 17-36 | brown CL med sbk | fr ss sp sexp | 36-42" few black mensense | | | | |
| | | 36-63 | red C med sbk | fr s p sexp | | | | | |
| 2 | 8% L | 0-3" | brown CL wk gr | fr ss sp sexp | | 36" | PS | | .3-.35 |
| | | 3-28" | red C med sbk | fr s p sep | few sap inclusions | | | | |
| | | 28-36" | red/brown CL wk sbk | fr ss sp sexp | few CL inclusions | | | | |
| | | 36-65" | lmsep vk gr | fr ns np mxp | | | | | |
| 3 | 8% L | 0-4" | red C wk sbk | fr s p sexp | | 12" | PS | | .4 & > |
| | | 4-12" | red/brown CL wk sbk | fr ss sp sexp | few sap inclusions | | | | |
| | | 12-28" | red/brown lmsep wk gr | fr ns np mxp | | | | | |
| | | 28-63" | brown SL sap wk gr | fr ns np mxp | | | | | |
| 4 | 6% L | 0-4" | brown SCL wk gr | fr ns np mxp | | 36" | PS | | .3-.35 |
| | | 4-24" | red C med sbk | fr s p sexp | | | | | |
| | | 24-36" | brown CL wk sbk | fr ss sp sexp | few sap inclusions | | | | |
| | | 36-80" | brown lmsep wk gr | fr ns np mxp | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| ailable Space (.1945) | PS | PS |
| System Type(s) | Accepted | Panel |
| Site LTAR | .3-.35 | .275 |

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: L. Cook & S. Ashley Rollans
OTHER(S) PRESENT:

LICENSED SOIL SCIENTIST Samuel A. Rollans

COMMENTS:

Updated February 2014

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 20-0088
August 19th, 2020

**CLAYTON HOMES**
Attn: *Keith Wilkins*
Email: keith.wilkins@claytonhomes.com

**RE: Soil & Site Evaluation for a 3 Bedroom Residence (Crawl Space) at Rocky Creek Cove, Lot 11, 0.528 ac Parcel, PIN# 4740111602, 161 Ridge Creek Drive, Troutman, NC 28166.**

Mr. Wilkins:

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 mixed pine/hardwood. Topography within the evaluated area was a gentle to moderate slope near the house site and proposed drainfield area. There is a culvert pipe on the far left property line. Property lines and corners were marked at the time of the evaluation by Dedmon Surveyors. A copy of the survey is attached. Iredell County Tax Parcel data was utilized as a basemap. The proposed septic layout was located via Trimble Submeter GPS and used to produce the attached *Site Plan*. The house envelope is also illustrated on the attached Site Plan. The attached Survey provided has house setbacks to property lines.

Methodology

We evaluated soil areas through the use of backhoe pits. Soil morphological conditions including color, texture, structure, etc. were reviewed in the field with four pit locations on the property flagged and located via GPS. Four pits 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 pit. The house envelope with dimensions is specified on the attached Site Plan. An on-ground layout of system and repair was performed using a laser level. Pin flag locations of the layout were also located by GPS. Detailed system & repair information is summarized in the following paragraph for this Lot.

Lot 11 (*See Attached Design*)
The septic layout for this lot (9' centers) yielded a total of 577 linear feet of line. The primary system is proposed as 304 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth is specified at 20 inches. The repair system is proposed as 273 linear feet of PPBPS (50% Reduction) drainfield with gravity distribution. Trench depth is specified at 36 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 Clayton Hayes Date

Print Name JONATHAN LANIER HARRELL

Signature _____ 8/20/20

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 on Lots 11 of Rocky Creek Cove Subdivision 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 1231 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 3 bedroom single family residence on Lot 11, 161 Ridge Creek Dr. Troutman 28166, (PIN 4740111602), Iredell County, North Carolina.**

**Contents:**


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LICENSED SOIL SCIENTIST
SEPTIC
1231
STATE OF NORTH CAROLINA

**August 19, 2020**
**Project #: 20-0088**
**Design By: Soil & Forestry Services of the Carolinas, PA**

## CALCULATIONS

Location 161 Ridge Creek Drive
Troutman, NC 28166
Project Number 20-0088

Lot No: 11 Rocky Creek Cove

No. of Bedrooms 3

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

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

PPBPS? (YES OR NO) NO

Supply Line Length 15 ft.

Supply Line Volume 9.795 gal.

Required Feet of Line 300 ft.
Amount of Line from Layout 304 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 |

# 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 PPBPS with gravity installation.

# GRAVITY ACCEPTED SYSTEM
# FOR WASTEWATER TREATMENT

| | |
|---|---|
| **Applicant:** | Clayton Homes |
| **Address:** | 2026 Northside Drive<br>Statesville, NC 28677 |
| **Phone:** | 704.239.1249 |
| **County:** | Iredell |
| **Location:** | 161 Ridge Creek Drive<br>Troutman, NC 28166 |
| **Source of Wastewater Flow:** | 3 Bedroom Single Family Residence |
| **Estimated Gallons Per Day Flow:** | 360 |
| **System Flow:** | N/A |

## Design Specifications

| | | |
|---|---|---|
| **Drainfield Size:** | 300 | |
| **Loading Rate (gpd/ft.$^2$):** | 0.3 | |
| **Depth of Gravel in Trench:** | N/A | |
| **Gravel Size:** | N/A | |
| **Max.Trench Depth (LOW SIDE):** | 20 in. | Repair Trench Bottom 36 in. |
| **Trench Width:** | 36 in. | |
| **Septic Tank Size:** | 1000 | |

| | |
|---|---|
| **Estimated Supply Line Length:** | 15 |
| **Supply Line Diameter:** | 4 in. SCH 40 PVC |
| **Supply Line Volume:** | 9.80 |
| **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 |

## 161 Ridge Creek Drive

### ACCEPTED SYSTEM

| | |
|---|---|
| DESIGN FLOW (gpd): | 360 |
| SOIL APPLICATION RATE (gpd/ft.$^2$): | 0.3 |
| TOTAL AREA TRENCH BOTTOM: | 912 |
| TOTAL LATERAL LENGTH: | 304 |
| NUMBER OF FIELDS: | 1 |
| LATERAL LENGTH REQUIRED PER FIELD: | 300 |
| SUPPLY LINE LENGTH: | 15 |
| 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 - 161 Ridge Creek Drive LOT 11

Project #: 20-0088

LAYOUT FOR 3 BEDROOM HOME 8/19/2020

| LINE # | FLAG COLOR | BS | HI | FS | ELEVATION | FLAGGED LINE LENGTH | DESIGN LINE LENGTH |
|---|---|---|---|---|---|---|---|
| TBM | | | | | | | |
| INSTR. 1 | | | | | | | |
| *1* | ***RED*** | | | | | ***40*** | ***40*** |
| *2* | ***ORANGE*** | | | | | ***60*** | ***60*** |
| *3* | ***YELLOW*** | | | | | ***96*** | ***96*** |
| *4* | ***BLUE*** | | | | | ***108*** | ***108*** |
| 5 | PINK | | | | | 95 | 95 |
| 6 | RED | | | | | 90 | 90 |
| 7 | ORANGE | | | | | 88 | 88 |
| | | | | | **Total** | 577 | 577 |

| | LINE LENGTH | LTAR GPD/FT2 | SYSTEM TYPE | SOIL LTAR GPD/FT2 | TRENCH SYSTEM | DISTRIBUTION | TRENCH DEPTH |
|---|---|---|---|---|---|---|---|
| **** System*** | ***304*** | ***0.300*** | ***ACCEPT.*** | ***0.300*** | ***25% RED*** | ***GRAVITY*** | 20" |
| Repair | 273 | 0.275 | MOD. CONV | 0.275 | PPBPS | GRAVITY | 36" |

Notes: **All measures in feet

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

RECEIVED AUG 2 1 2020

# IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

Session Law

***APPLICATION FORM***

AP- 310291 Paid $500.00

**Application For:**
(X) 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:** Clayton Homes **Address:** 2026 Northside Dr. Statesville NC **Zip:** 28677

**Applicant Email:** Keith.wilkins@Claytonhmes.com **Phone:** 704-239-1249 **Alt. Phone:**

**Owner Name:** Iron Ivey LLC **Address:** 935 Bronx River Avenue, Bronx NY **Zip:** 10473

**Owner Email:** dfspeed4@gmail.com **Phone:** 704-360-2874 **Alt. Phone:**

**Property Information:**

**Street Address:** 161 Ridge Creek Dr. Troutman NC 28166

**Subdivision Name:** Rocky Creek Cove **Section/Phase:** SHT2 **Lot Number:** 11

**Driving Directions:** Hwy 150, Right on Perth Rd, Right Clontz Hill, Right on Ridge Creek Drive,

**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
( ) 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:** Property owner or owner's legal representative signature (**SIGNATURE REQUIRED**) 8/19/20 **DATE**

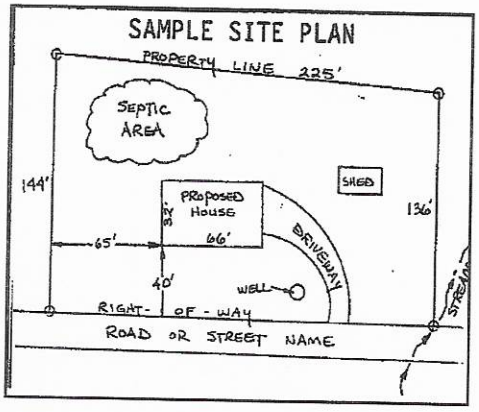
# IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

***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

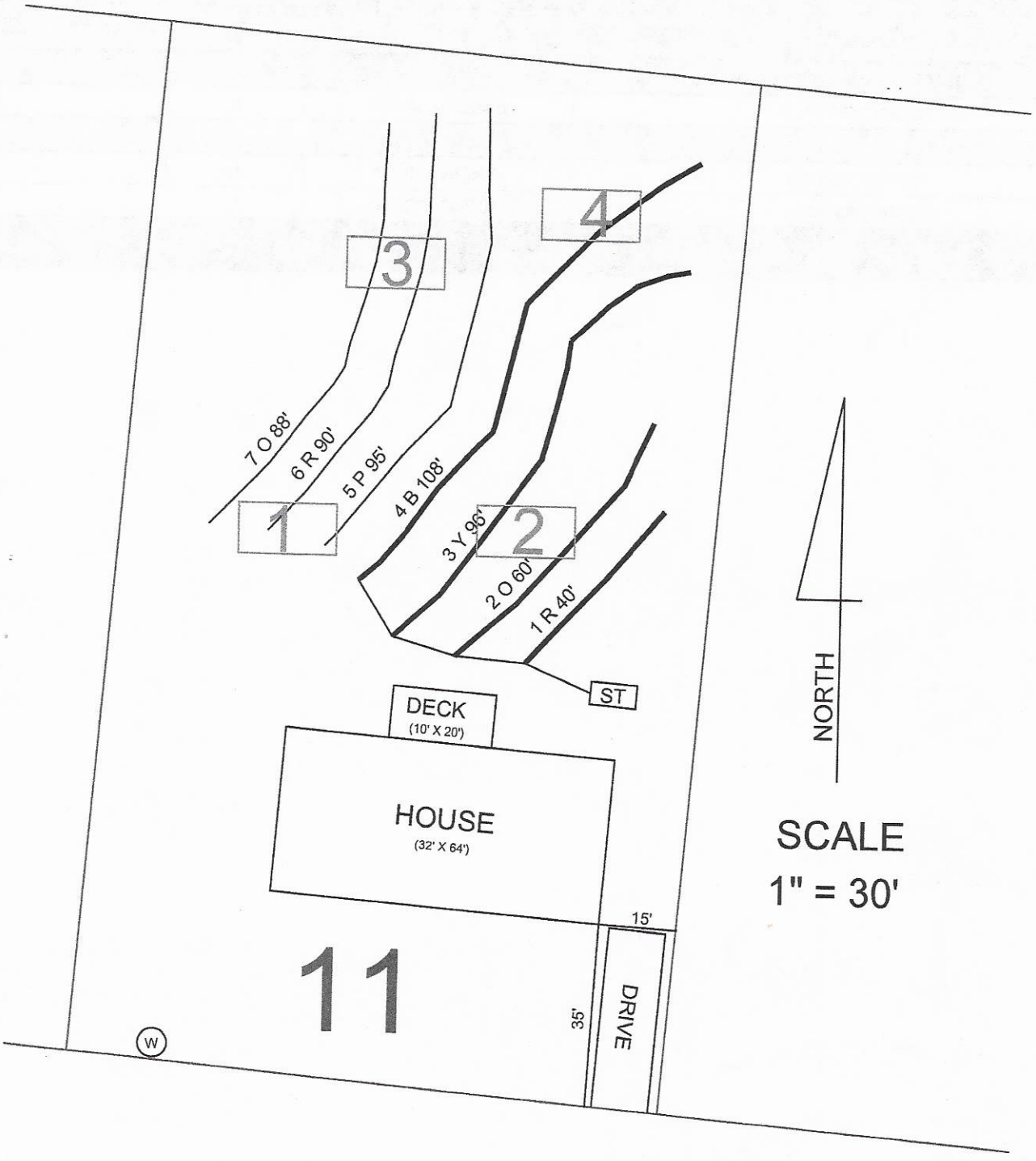
## USE THIS SPACE TO DRAW YOUR SITE PLAN

***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:** _____ 8/19/20

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


3
4
7 O 88'
6 R 90'
5 P 95'
4 B 108'
1
2
3 Y 96'
2 O 60'
1 R 40'
ST
DECK
(10' X 20')
HOUSE
(32' X 64')
15'
11
35'
DRIVE
W
NORTH
SCALE
1" = 30'

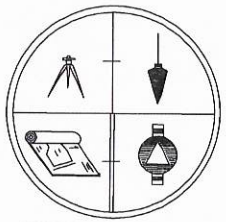
NOTES:

* PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS OF WAYS OR EASEMENTS NOT OBSERVED
* OWNER TO VERIFY ALL SETBACKS AND ZONING REGULATIONS PRIOR TO ANY PLANNING OR CONSTRUCTION.
* DIMENSIONS OF ALL IMPROVEMENTS SHOWN ON THIS PLAT SHOULD NOT BE SCALED OR RELIED UPON FOR DESIGN OR CONSTRUCTION WITHOUT A FIELD VERIFICATION OF ALL DIMENSIONS.
* DIGITAL COPIES OF THIS FILE ARE FOR REFERENCE ONLY AND MAY NOT BE USED FOR DESIGN WORK.
* ALL UNDERGROUND UTILITIES ARE NOT SHOWN HEREON.
* 10' DRAIN. & UTILITY EASEMENT MAY EXIST ALONG EACH LOT LINE.

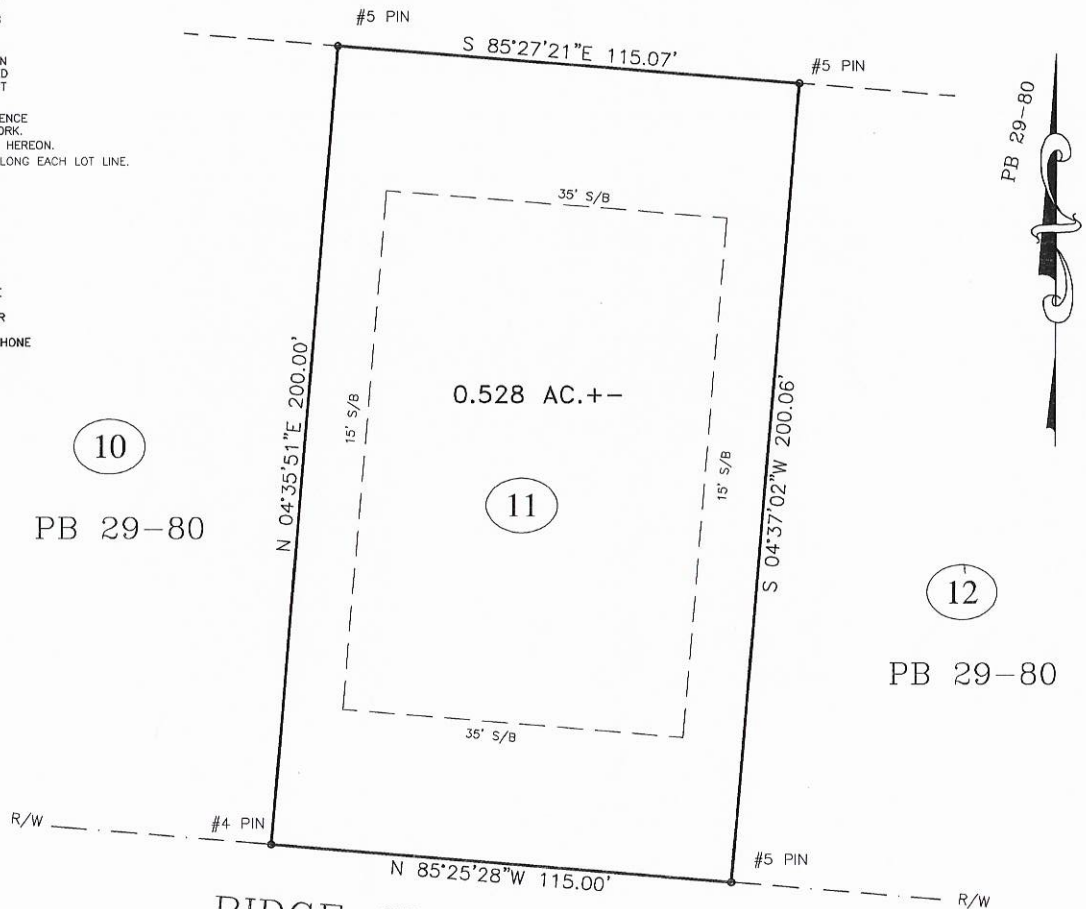
LEGEND:

- BOUNDARY LINE
- S — SANITARY SEWER LINE
- G — NATURAL GAS LINE
- P — UNDERGROUND POWER
- OVERHEAD UTILITIES
- T — UNDERGROUND TELEPHONE
- W — WATER LINE
- FENCE (TYPE NOTED)

CP = COMPUTED POINT (UNMARKED)
R/W = RIGHT-OF-WAY
E/P = EDGE OF PAVEMENT
C/L = CENTERLINE
β = UTILITY POLE



DEDMON SURVEYS




30 0 30 60 90

GRAPHIC SCALE – FEET

VACANT LOT SITE PLAN
FOR

# LOT #11
# ROCKY CREEK COVE

LOT @ 161 RIDGE CREEK DR – TROUTMAN NC

FALLSTOWN TOWNSHIP – IREDELL COUNTY
SCALE: 1" = 30'


## DEDMON SURVEYS

CHUCK POOVEY, PLS #3762
ROBERT DEDMON, PLS #3899
3704 NC HIGHWAY #16 NORTH
P.O. BOX 494 - DENVER, NC 28037
PHONE: 704/483/4908
FAX: 704/483/2170
WWW.DEDMONSURVEYS.COM





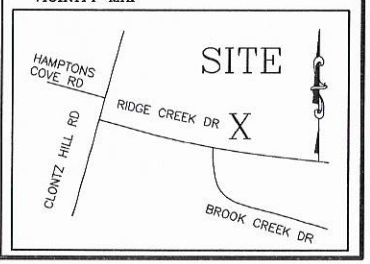
I, DAVID C. POOVEY, CERTIFY THAT THIS PLAT WAS DRAWN FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DB 2923, PG 730)(PB 29, PG 80; THAT THE RATIO OF PRECISION AS CALCULATED EXCEEDS 1:10000; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH GS 47-30 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 10 DAY OF JUNE, AD 2016.

David C. Poovey — L-3762

PROFESSIONAL LAND SURVEYOR — LICENSE NO.

| SURV. BY: CP | DRAWN: CP | JOB# KLONTZ11 |
|---|---|---|

VICINITY MAP



# 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, Iron Ivey LLC, am the legal owner(s) of the property located at 161 Ridge Creek Dr. Troutman NC 28166, identified as PIN (Parcel Identification Number) 4740111602, located in Iredell County, North Carolina.

I do hereby authorize (print legal representative/company name) Samuel Ashley Rollans, Rollans Soil Environmental Services, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below. Clayton Homes Statesville

- 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.

Signature of Owner(s) — Date 9/27/19 — Signature of Witness — Date 9/27/19.

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

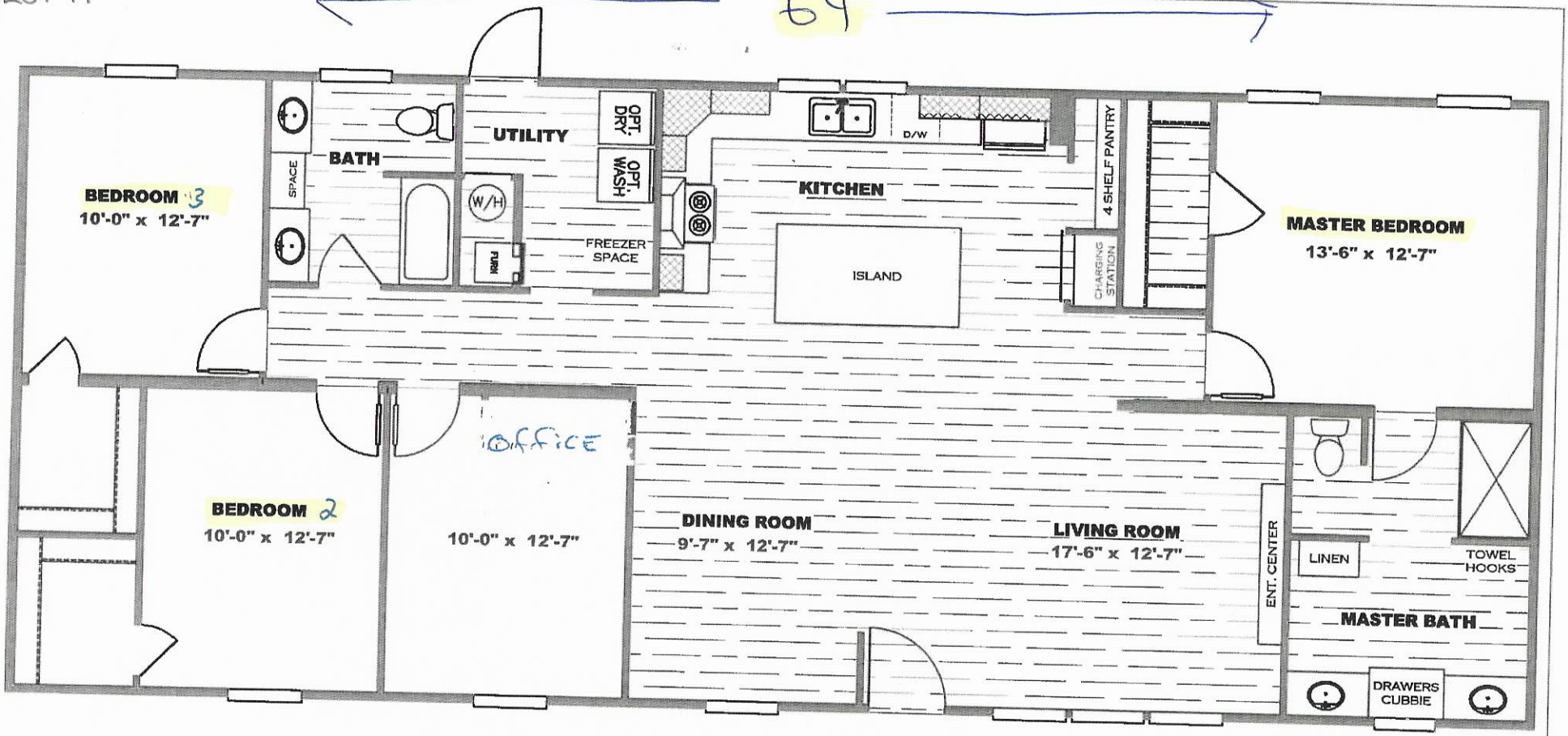
**Statesville - Environmental Health**
adrienne.shea@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

161 RIDGE CREEK

LOT 11

64

28

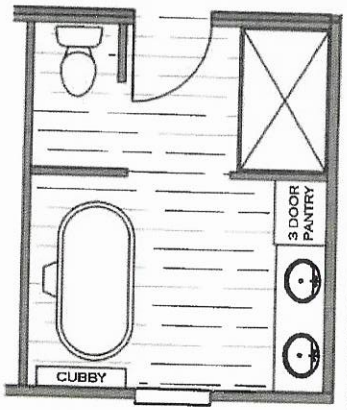



3 BED

**Acknowledgement Of Plans Submittal ONLY!**

RW Date 9-30-2020

Bryant Winkler Date 10-5-2020




OPT. MASTER BATH

| SHEET: | | | | | | |
|---|---|---|---|---|---|---|
| SL | SALES LITERATURE | Clayton - 934<br>1420 Mountain Rd, Andersonville, TN 37705<br>PH: 865.494.7600 FAX: 865.494.0243 | HILBORN, WERNER, CARTER, AND ASSOCIATES, INC.<br>1827 SOUTH MYRTLE AVE.<br>CLEARWATER, FL 33756 | DRAWING #: 34M186<br>MODEL #: MVP28644A<br>DATE: 02/21/2019 SCALE: N.T.S. | MODEL: 28'X64'<br>SERIES: M.V.P.<br>PRODUCT DESIGNER: DANIEL SHELDON | STD PLAN "CONDITIONED": 1,685 FT²<br>REV. BY: DCS<br>REV. DATE: 06/04/2019 |

# IREDELL COUNTY

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

| APPLICATION NUMBER |
|---|
| 310291<br>Issue Date: |

**Permit Type: ZONING**

| Parcel Number | Street Address | Jurisdiction |
|---|---|---|
| 4740111602.000 | 161 RIDGE CREEK DR | IREDELL COUNTY |

| Owner Information | Applicant Information |
|---|---|
| Name: IRON IVEY LLC | Name: CLAYTON HOMES OF STATESVILLE |
| Address: 935 BRONX RIVER AVENUE | Address: 2026 NORTHSIDE DR |
| BRONX, NY 10473 | STATESVILLE, NC 28677 |
| Phone: | Phone: (704)873-2547 |

| Use Requested | Zone Code |
|---|---|
| Double-Wide Mobile Home | RA |

| Lot Acreage | F Setback | B Setback | L Setback | R Setback | Watershed | Flood Zone |
|---|---|---|---|---|---|---|
| 0 | 35 | 35 | 15 | 15 | WSIV-CA Catawba/Lake Norman | NO |

**Remarks**

DWMH

REQUIREMENTS FOR ALL MULTI -SECTIONAL MOBILE HOMES Must meet requirement R9 of the LDC. Minimum size of main body is at least 22 feet by 40 feet; Must have standard residential shingles; Minimum of 3/12 roof pitch; Must have continuous masonry underpinning; Must have minimum roof eave and raker projections of 6 inches; Must have a 36 square foot deck or porch at all front entrances; Exterior siding must consist of vinyl or aluminum lap siding, wood, or hardboard, comparable in composition, appearance and durability to residential siding; Must remove towing apparatus; Must face front property line and be no less than 20 degrees from parallel to the front property line. Original mobile home must be removed before Certificate of Occupancy can be approved.

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:** 08/21/2020

| Permit Number | 310291 | TOTAL FEES: | $77.25 |
|---|---|---|---|