# IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 234188

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

PIN # 4713198744

APPLICANT/OWNER: Dagenhart Builders / Tony Randal Jordan APPLICANT ADDRESS: 161 Rommie Ln, Stony Point

SITE ADDRESS: 3050 Hickory Hwy, Statesville PHONE: 704-880-8205 ALT. PHONE 704-585-2331

SITE DIRECTIONS: Hwy 70 W → ½ mile past Stamey Farm Rd → on right SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: — SECTION: — LOT # — LOT AREA: 2.1 acres DESIGN FLOW: 360 gpd L.T.A.R.: .3

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 | (gal) | STB | 1012 | Date | 4/7/18 | ☒ 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: | 25% reduction | | | |
| # Nitrification Fields | 1 | # Lines | 4 | | Linear Ft | 300' | Maintenance Agreement Required: | ☐ YES | ☒ NO | | |
| Trench Width | 36" | Trench Bottom Depth(Low side) | 33" | | Gravel Depth | — | ☒ GRAVITY | ☐ PRESSURE | | | |

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

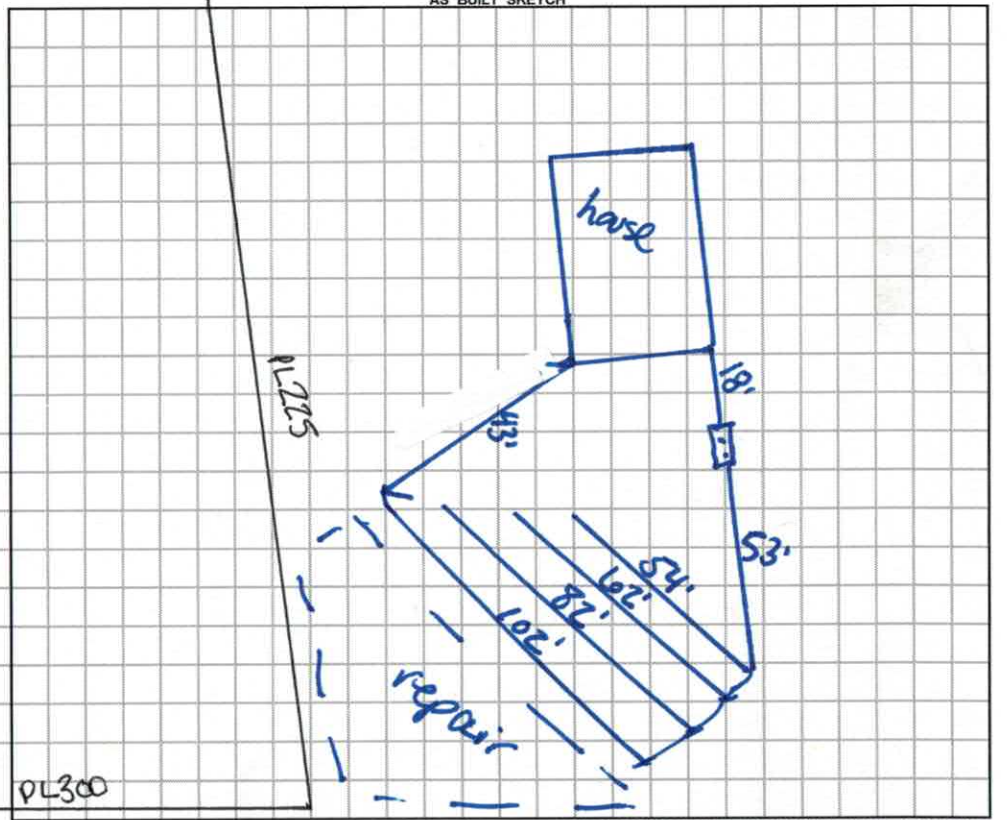
Comments / Conditions: Install on the contour of the land and utilize serial distribution. Do not grade, pave, or park on septic area.

* Building only 1-2 bedroom, system for 3BR must be installed for future addition upstairs.

INITIAL SITE SKETCH




AS BUILT SKETCH




*Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system.* **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

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

Owner / Applicant Signature: Mike Dagenhart Date: 3/23/18 Installed by: Steve Jordan

IMPROVEMENT PERMIT by: Carla C. Cave Date: 3/23/18 OPERATION PERMIT by: Carla C. Cave Date: 10/23/18

AUTHORIZATION TO CONSTRUCT by: Carla C. Cave Date: 3/23/18 Existing System Inspected by: Date:

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

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

Sheet 1 of 1
PROPERTY ID #: 47B19744
COUNTY: Iredell

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

OWNER: Dogenhart Builders
ADDRESS: 141 Commerce Ln
PROPOSED FACILITY: 3 BR house PROPOSED DESIGN FLOW (.1949): _____
LOCATION OF SITE: 3050 Hickory Hwy

APPLICATION DATE 3/16
DATE EVALUATED: 3/22
PROPERTY SIZE: 2.1 ac
PROPERTY RECORDED: Y

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 | SS 8% | 0-6 | GR SCL | Fr SS SP SSXP | N/A | 49" | N/A | N/A | PS .3 |
| | | 6-39 | SBK C | " " | | | | | |
| | | 39-49 | SBK CL | " " | | | | | |
| 2 | SS 8% | 0-4 | fill | Fr — | N/A | 48" | N/A | N/A | PS .3 |
| | | 0-5 | GR SCL | Fr SS SP SSXP | | | | | |
| | | 5-48 | C | " " | | | | | |
| 3 | SS 8% | 0-6 | GR SCL | Fr SS SP SSXP | N/A few yellow brown mottles | 48" | N/A | N/A | PS .3 |
| | | 6-28 | SBK C | " " | | | | | |
| | | 28-48 | SBK CL | " " | | | | | |
| 4 | SS 8% | 0-5 | GR SCL | Fr SS SP SSXP | N/A | 50" | N/A | N/A | PS .3 |
| | | 5-42 | SBK C | " " | | | | | |
| | | 42-50 | SBK CL | " " | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | 300' | 300' |
| System Type(s) | 25% red | 25% red |
| Site LTAR | .3 | .3 |

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: C. Cave
OTHER(S) PRESENT: N/A

COMMENTS: _____

# LEGEND

***use the following standard abbreviations***

| LANDSCAPE POSITION | GROUP | SOIL TEXTURE | CONVENTIONAL .1955 LTAR* | LPP .1957 LTAR* | MINERALOGY/ CONSISTENCE | STRUCTURE |
|---|---|---|---|---|---|---|
| CC (Concave Slope) | I | S (Sand) | 1.2 - 0.8 | 0.6 - 0.4 | SEXP (Slightly Expansive) | G (Single Grain) |
| CV (Convex Slope) | | LS (Loamy Sand) | | | EXP (Expansive) | M (Massive) |
| D (Drainage Way) | | | | | | CR (Crumb) |
| DS (Debris Slump) | II | SL (Sandy Loam) | 0.8 - 0.6 | 0.4 - 0.3 | | GR (Granular) |
| FP (Flood Plain) | | L (Loam) | | | | SBK (Subangular Blocky) |
| FS (Foot Slope) | | | | | | ABK (Angular Blocky) |
| H (Head Slope) | III | Si (Silt) | 0.6 - 0.3 | 0.3 - 0.15 | | PL (Platy) |
| L (Linear Slope) | | SiCL (Silty Clay Loam) | | | | PR (Prismatic) |
| N (Nose Slope) | | CL (Clay Loam) | | | | |
| R (Ridge) | | SCL (Sandy Clay Loam) | | | **MOIST** | **WET** |
| S (Shoulder Slope) | | SiL (Silt Loam) | | | | |
| T (Terrace) | | | | | VFR (Very Friable) | NS (Non-sticky) |
| | IV | SC (Sandy Clay) | 0.4 - 0.1 | 0.2 - 0.05 | FR (Friable) | SS (Slightly Sticky) |
| | | SiC (Silty Clay) | | | FI (Firm) | S (Sticky) |
| | | C (Clay) | | | VFI (Very Firm v. Very Sticky) | VS (Very Sticky) |
| | | O (Organic) | None | None | EFI (Extremely Firm) | NP (Non-plastic) |
| | | | | | | SP (Slightly Plastic) |
| | | | | | | P (Plastic) |
| | | | | | | VP (Very Plastic) |

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

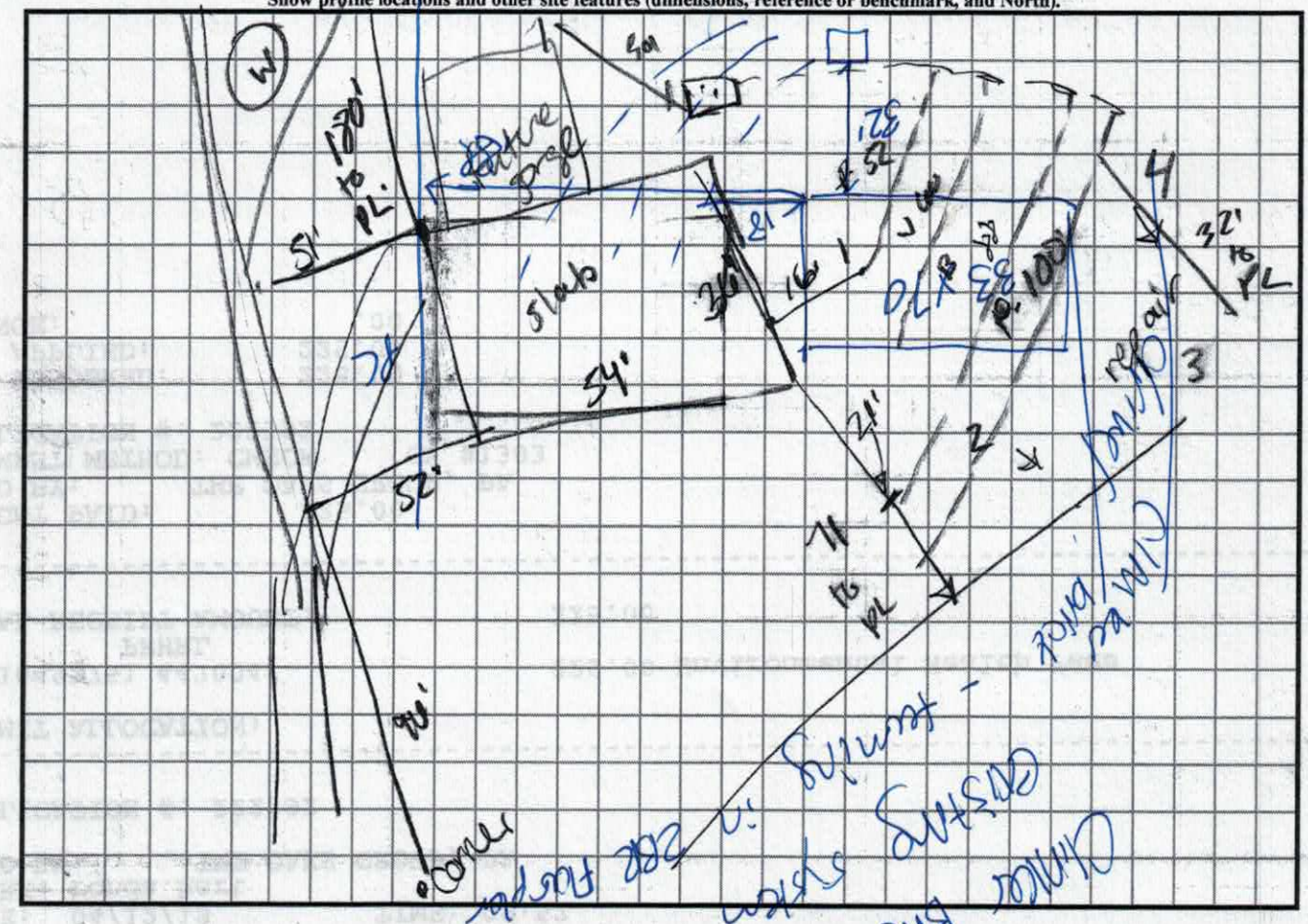
***NOTES***

| | |
|---|---|
| *HORIZON DEPTH* | In inches below natural soil surface |
| *DEPTH OF FILL* | In inches from land surface |
| *RESTRICTIVE HORIZON* | Thickness and depth from land surface |
| *SAPROLITE* | S(suitable) or U(unsuitable) |
| *SOIL WETNESS* | Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation |
| *CLASSIFICATION* | S (Suitable), PS (Provisionally Suitable), or U (Unsuitable) |

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

**Show profile locations and other site features (dimensions, reference or benchmark, and North).**




4713199956

10am

pits are flagged

3036 GPS?

# IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

*APPLICATION FORM*

**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**

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: DAGENHART BUILDERS Address: 161 Rommie LN. Stony Point NC Zip: 28678
Applicant Email: mday1957@charter.net Phone: 704-880-8205 Alt. Phone: 704-585-2338
Owner Name: TONY RANDAL JORDAN Address: 4470 Hwy 150 E LINCOLNTON N.C Zip: 28092
Owner Email: _____ Phone: 704-240-9752 Alt. Phone: _____

**Property Information:**

Street Address: 3050 Hickory Hwy
Subdivision Name: _____ Section/Phase: _____ Lot Number: _____
Driving Directions: Hwy 70 WEST (Hickory Hwy) Approximately 1 mile PAST STAMEY FARM Rd TURN RT THROUGH GATE/FOLLOW NEW GRAVEL DRIVE TO PROPERTY/GATE ¼ mile BEFORE OLD MJ Rd

**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: 2
( ) Swimming Pool
( ) Other Addition/Structure: _____
Non-Residential Site Development: Type of Business: _____
Square Footage of Building: _____ Max. Number of Employees: _____ Max. Number of Seats/Beds/Other: _____

**CHECK FOUNDATION TYPE**

(✓) Crawl Space Foundation
(✓) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

**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: _____

**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:** Michael R. Dagenhart / Dagenhart Builders _____ DATE
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

# 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, Laura N Jordan, am the legal owner(s) of the property located at _____, identified as PIN (Parcel Identification Number) 4713199956, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) MICHAEL DAGENHART, DAGENHART BUILDERS, 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.

Laura N Jordan 3-15-18 — Signature of Owner(s) — Date

BW CZ 3-15-18 — 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

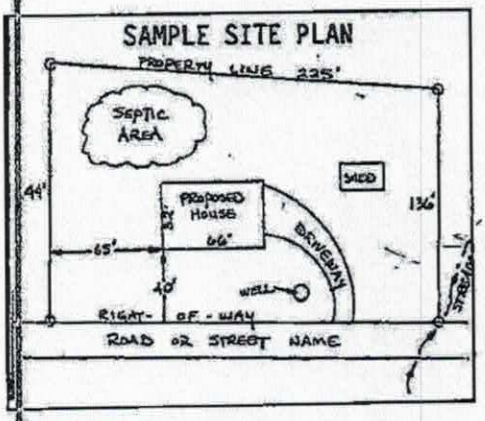
# IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

***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:**

- (✓) Property Line measurements are clearly identified
- (✓) All proposed structures are indicated
- (✓) Front and side setbacks from property line
- (✓) Preferred driveway location
- (✓) Preferred well location
- (✓) Preferred septic system location
- (✓) North arrow, or other sufficient indicator of direction

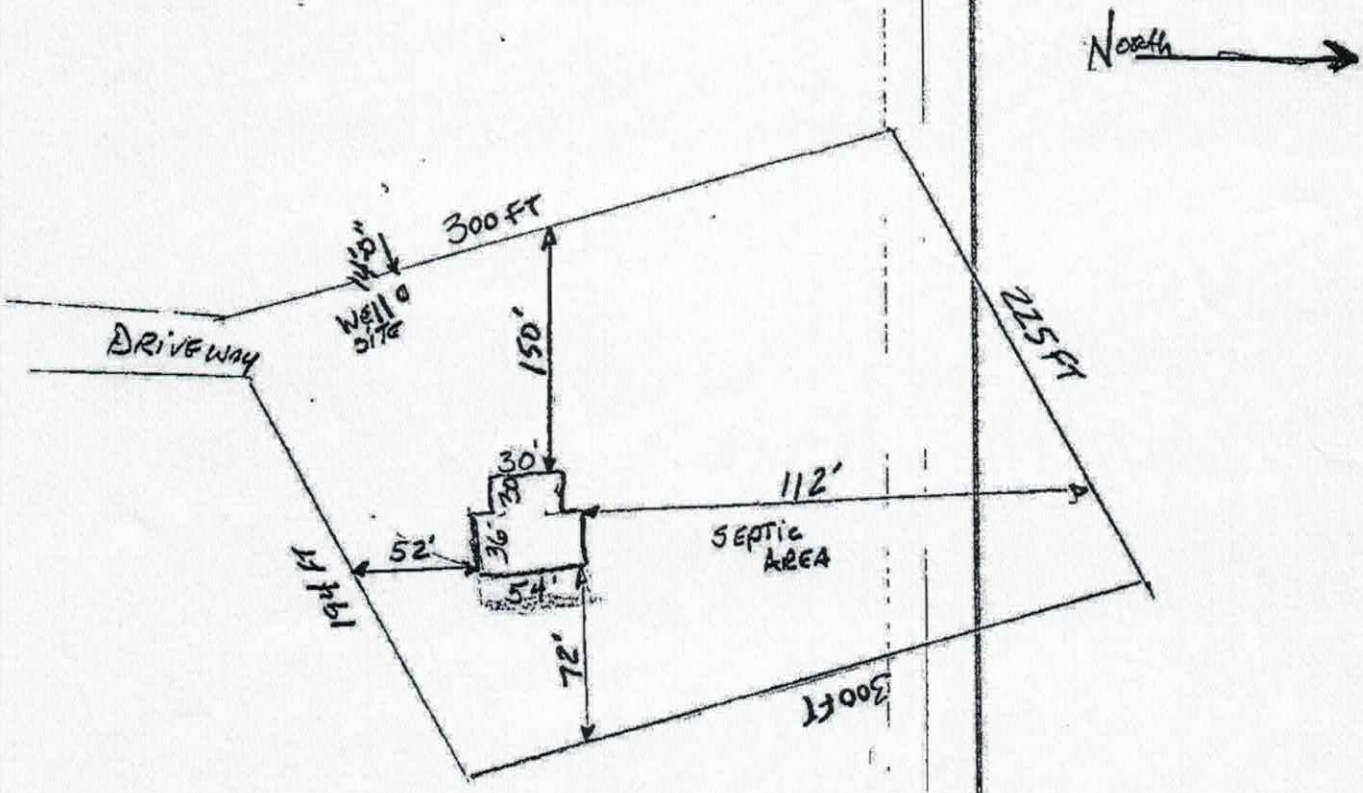



**Circle N/A on the following if appropriate:**

- 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

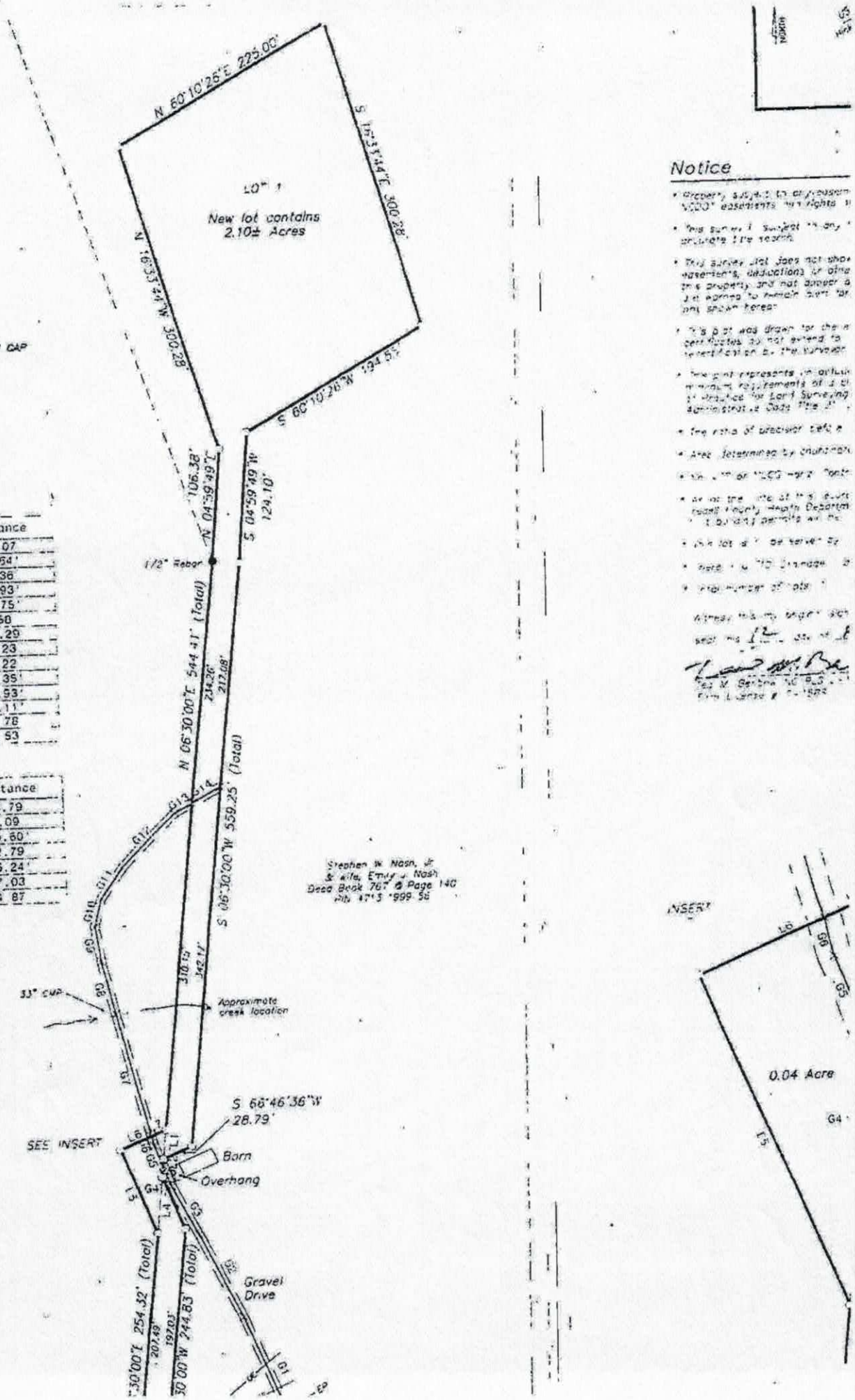
***Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site***

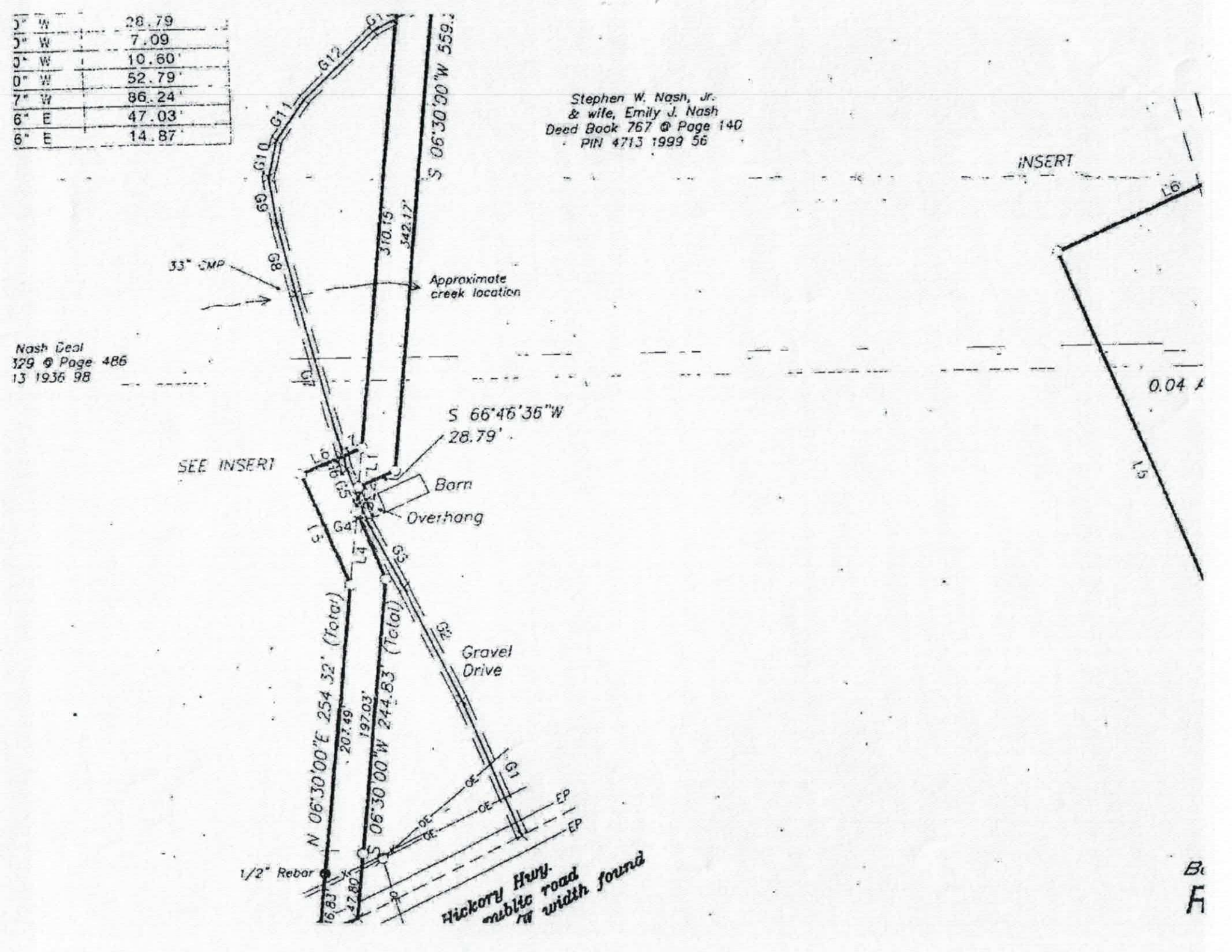


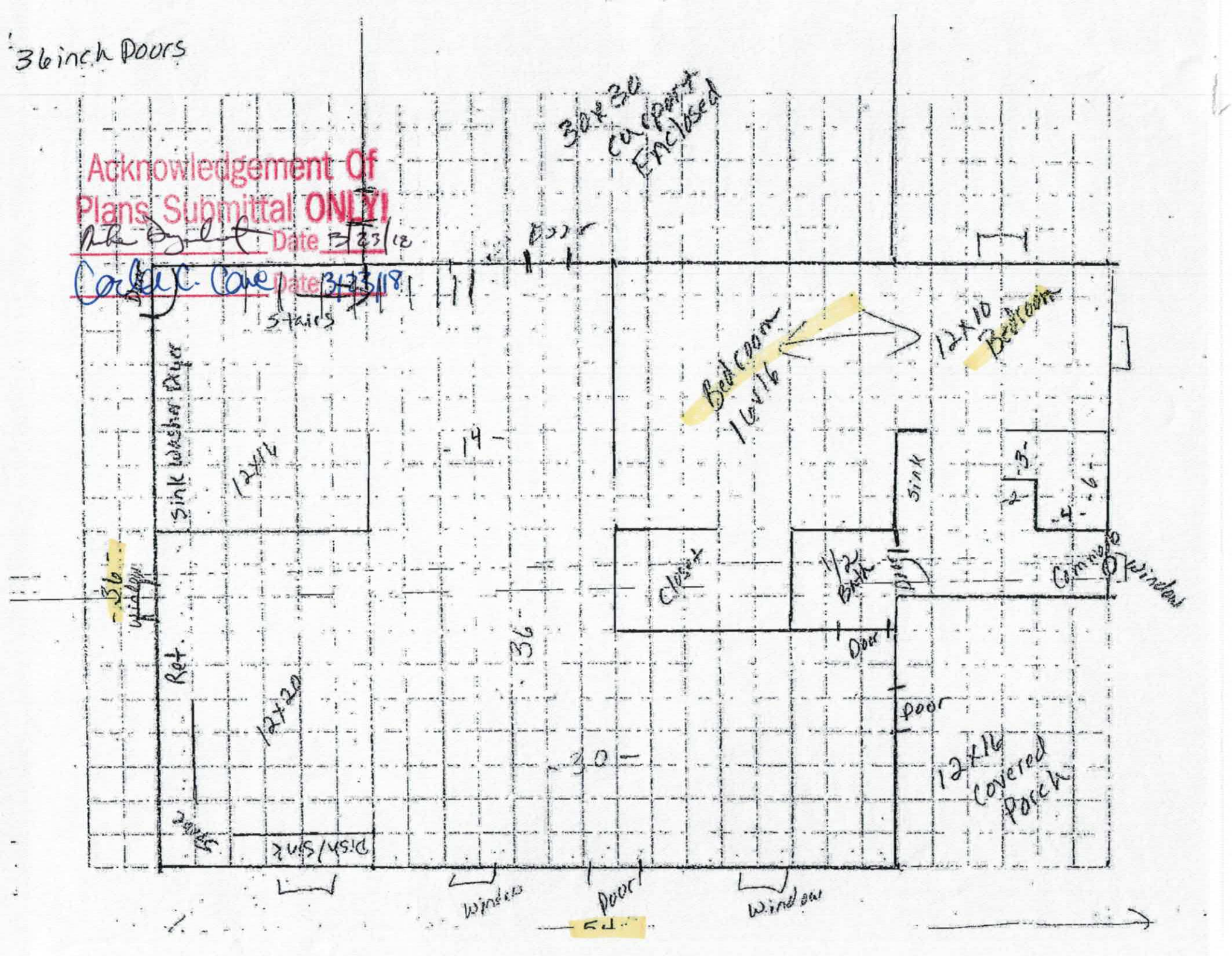

**Signature:** Michael L. Dagenhart / Dagenhart Builders

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

**DATE** 3/16/2018


N 60°10'26"E 225.00'
S 29°33'34"E 300.28'
LOT 1
New lot contains
2.10± Acres
N 16°33'34"W 300.28'
S 60°10'26"W 194.53'
N 04°59'49"E 106.38'
S 04°59'49"W 124.10'
1/2" Rebar
N 06°30'00"E 544.41' (Total)
S 06°30'00"W 559.25' (Total)
Stephen W. Nash, Jr.
& wife, Emily J. Nash
Deed Book 767 @ Page 140
Plb 47'3 '999 58
33" Oak
Approximate creek location
S 66°46'36"W
28.79'
SEE INSERT
Barn
Overhang
Gravel Drive
INSERT
0.04 Acre
Notice
GRAVEL DRIVE
Distance
106.07'
89.64'
52.36'
20.93'
21.75'
9.58'
120.29'
51.23'
34.22'
27.39'
34.93'
71.11'
18.78'
30.53'
Distance
28.79'
7.09'
10.60'
52.79'
86.24'
47.03'
14.87'


28.79
7.09
10.60'
52.79'
86.24'
47.03'
14.87'
Stephen W. Nash, Jr.
& wife, Emily J. Nash
Deed Book 767 @ Page 140
PIN 4713 1999 56
S 06°30'00"W 559.
INSERT
L6
L5
0.04 A
33" CMP
Approximate
creek location
Nash Deal
329 @ Page 486
13 1936 98
S 66°46'36"W
28.79'
SEE INSERT
Barn
Overhang
Gravel
Drive
N 06°30'00"E 254.32' (Total)
S 06°30'00"W 244.83' (Total)
310.15'
342.12'
197.03'
20.49'
1/2" Rebar
16.83'
42.80'
Hickory Hwy.
public road
70' width found


36 inch Doors
Acknowledgement Of
Plans Submittal ONLY!
Date 3/23/18
Date 3/23/18
30x30 Carport Enclosed
Door
Stairs
Sink Washer Dryer
12x12
14
Bedroom
16x16
12x10 Bedroom
Sink
3
2
4
6
Closet
1/2 Bath
Door
Commode
Window
36
Ref.
12x20
10
Door
12x16 Covered Porch
Sink/Sink
Window
Door
Window

Window
Stairs Down
Window
-36-
-30-
possible bedroom
Window
Window

# IREDELL COUNTY

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

| APPLICATION NUMBER |
|---|
| 234188 |
| Issue Date: 03/16/2018 |

## ZONING PERMIT

Residential

| Parcel Number | Street Address | Jurisdiction |
|---|---|---|
| 4713198744.000 | 3050 HICKORY HIGHWAY, STATESVILLE, NC 28677 | |

| Owner Information | | Applicant Information | |
|---|---|---|---|
| Owner: | JORDAN TONY R+LAURA N | Applicant: | DAGENHART BUILDERS |
| Address: | 4470 HWY 150 E | Address: | 161 ROMMIE LANE |
| | MOORESVILLE, NC 28092 | | STONY POINT, NC 28678 |
| Phone: | | Phone: | 704-585-2331 |

| Use Requested | Zone Code |
|---|---|
| SFD | |

| Lot Acreage | F Setback | B Setback | L Setback | R Setback | Watershed | Flood Zone |
|---|---|---|---|---|---|---|
| | 35.00 | 35.00 | 15.00 | 15.00 | NOT | X |

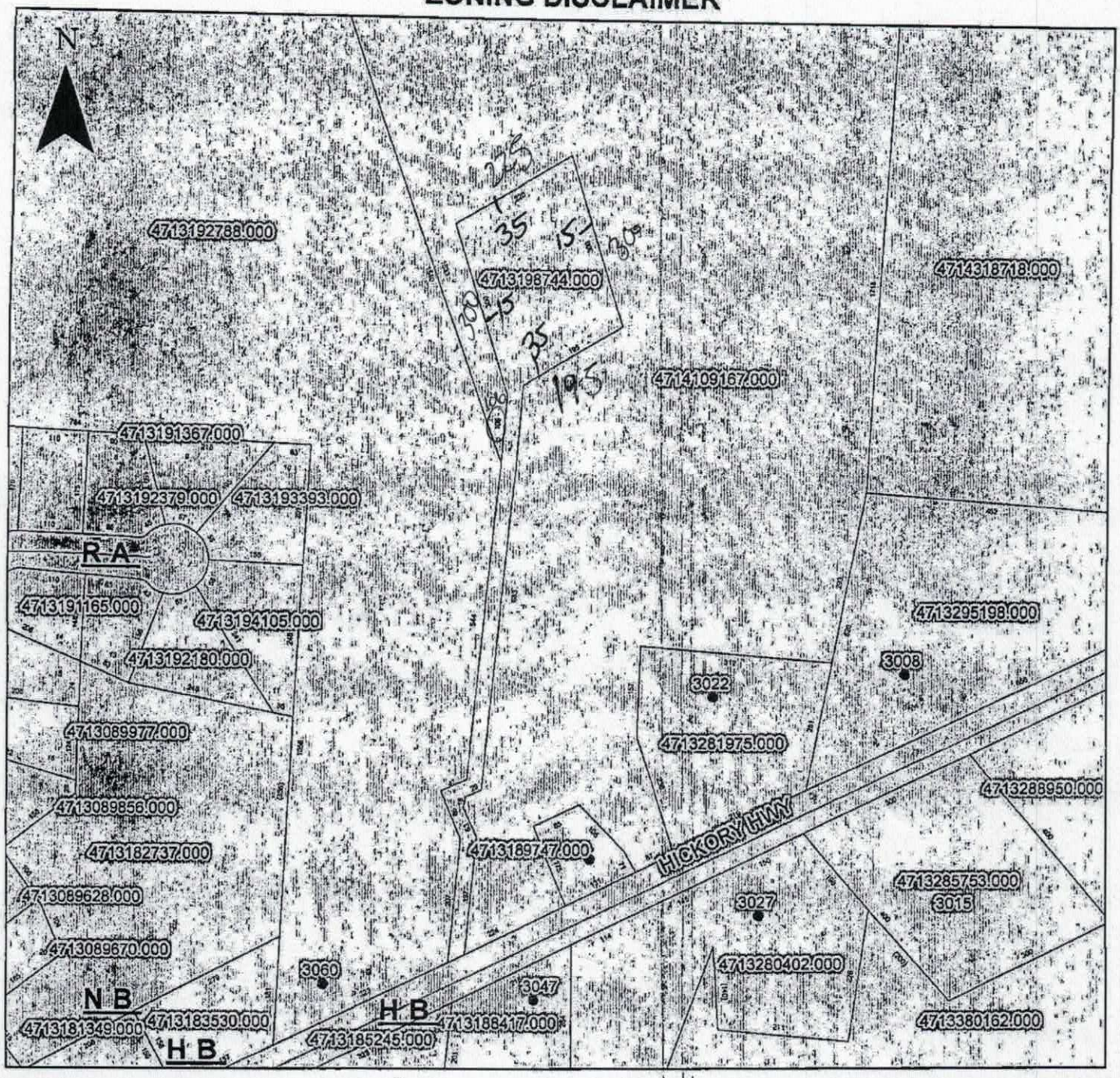
**Remarks:**

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.

Applicant: _____ Date: _____

| Permit Number | 132284 | TOTAL FEES: | $ 77.25 |
|---|---|---|---|

# ZONING DISCLAIMER




Property Address Hickory Hwy

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.

Dayenhart Builders
Applicant

3/16/2018
Date