ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 DW Mooresville Office (704) 660-3625 PERMIT # AP 320818

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

PIN # 4639--79--5224

APPLICANT/OWNER: 4G Design Build, LLC APPLICANT ADDRESS: 788 Pineville Rd Statesville, NC 28677

SITE ADDRESS: 210 Neill Farm Rd Troutman, NC 28166 PHONE: 704634-3647 ALT. PHONE

SITE DIRECTIONS: Perth Rd N TL Neill Farm Rd lot on right SAP CONTROLLED: ☐ YES ☒ NO

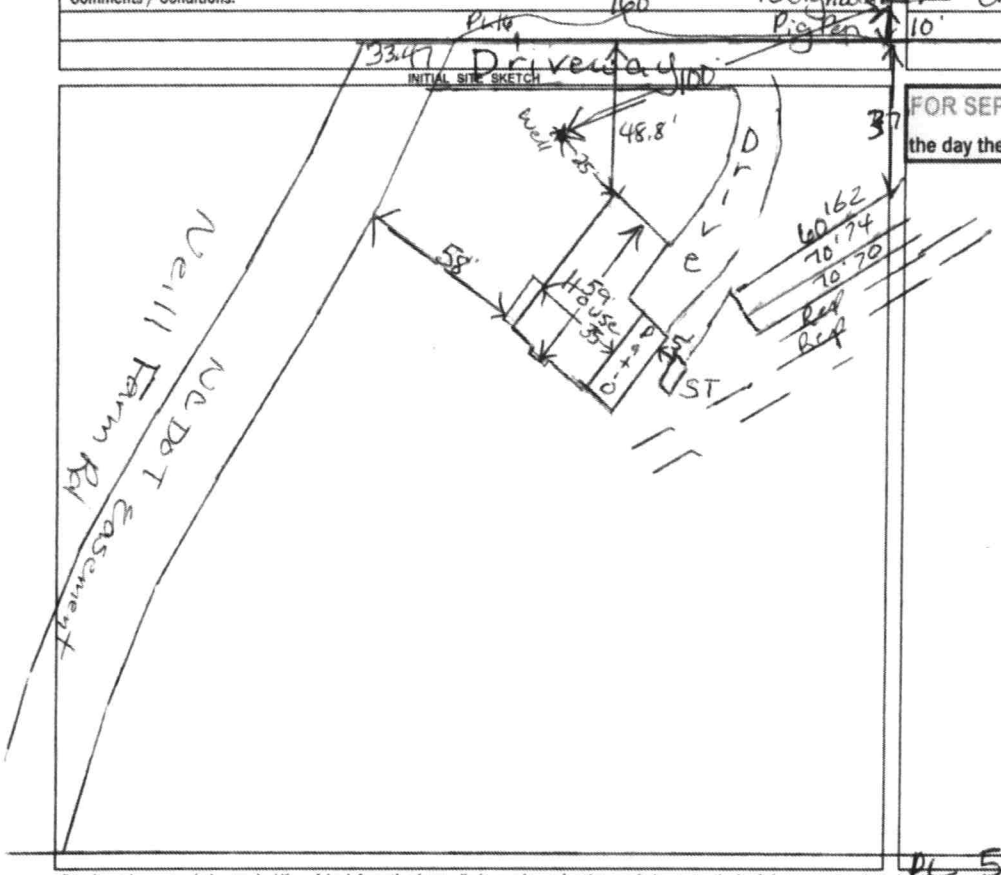
SUBDIVISION: Rebecca M. Neill SECTION: — LOT # 2 LOT AREA: 2.66 Acres DESIGN FLOW: 240gpd L.T.A.R.: .3

Septic Tank	1000 (gal)	STB	760	Date	10-18-2021	☒ 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 4
Pump Make		Model		Serial #		Repair System Description:	PPBPS			☐ Other	No. Employees
# Nitrification Fields	1	# Lines	3	Linear Ft	200'	Maintenance Agreement Required:	☐ YES	☒ NO		☒ Slab	☐ Crawl Space
Trench Width	36"	Trench Bottom Depth (~~Low side~~) max	36"	Gravel Depth	N/A		☒ GRAVITY	☐ PRESSURE		☐ Basement w/ plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions:

INITIAL SITE SKETCH



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.

Scale 1:60

INSTALLED AS SHOWN

PL 265.67

PL 564

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: 9/29/21 Installed by: SHADY KNOLL SEPTIC

IMPROVEMENT PERMIT by: Maria Dotson Date: 9/27/21 OPERATION PERMIT by: Bryant Civil Date: 12-14-2021

AUTHORIZATION TO CONSTRUCT by: Maria Dotson Date: 9/29/21 Existing System Inspected by: Date:

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

RECEIVED AUG 2 7 2021

APPLICATION MUST BE FILLED OUT COMPLETELY & BE LEGIBLE OR IT WILL NOT BE PROCESSED

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM* AP- 320818 $500.00

Application For:
(X) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) 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:
Place an (X) beside whichever is submitted if applicable
( ) Survey Plat, scaled no more than 1 inch = 60 feet
( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: AG Design Build, LLC Address: 488 Pineville Rd Statesville Zip: 28677
Applicant Email: Quinton@BuildAG.com Phone: 704-634-3647 Alt. Phone: 704-208-8342
Owner Name: John Neill Address: 210 Neill Farm Rd. Troutman Zip: 28166
Owner Email: cooperwoodard2021@gmail.com Phone: 401-318-7573 Alt. Phone: ~~7573~~

Property Information:

Street Address: 210 Neill Farm Rd. Troutman / Minor Family Subdivision of Rebecca M. Neill Property
Subdivision Name: New — PIN 4639795224.000 Section/Phase: _____ Lot Number: 2
Driving Directions: Perth Rd. South, RT Neill Farm Rd. Lot on Right

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

(X) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: _____
Maximum Number of Bedrooms: 2
Maximum Number of Occupants: 4
( ) Swimming Pool
( ) Other Addition/Structure: _____

CHECK FOUNDATION TYPE
( ) Crawl Space Foundation
(X) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

Non-Residential Site Development: Type of Business: _____
Square Footage of Building: _____ Max. Number of Employees: _____ Max. Number of Seats/Beds/Other: _____

Water Supply: ( ) Replacement Well – Reason: _____
( ) Multi-connection Well Number of Houses: _____ Number of Persons: _____
(X) New Well ( ) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

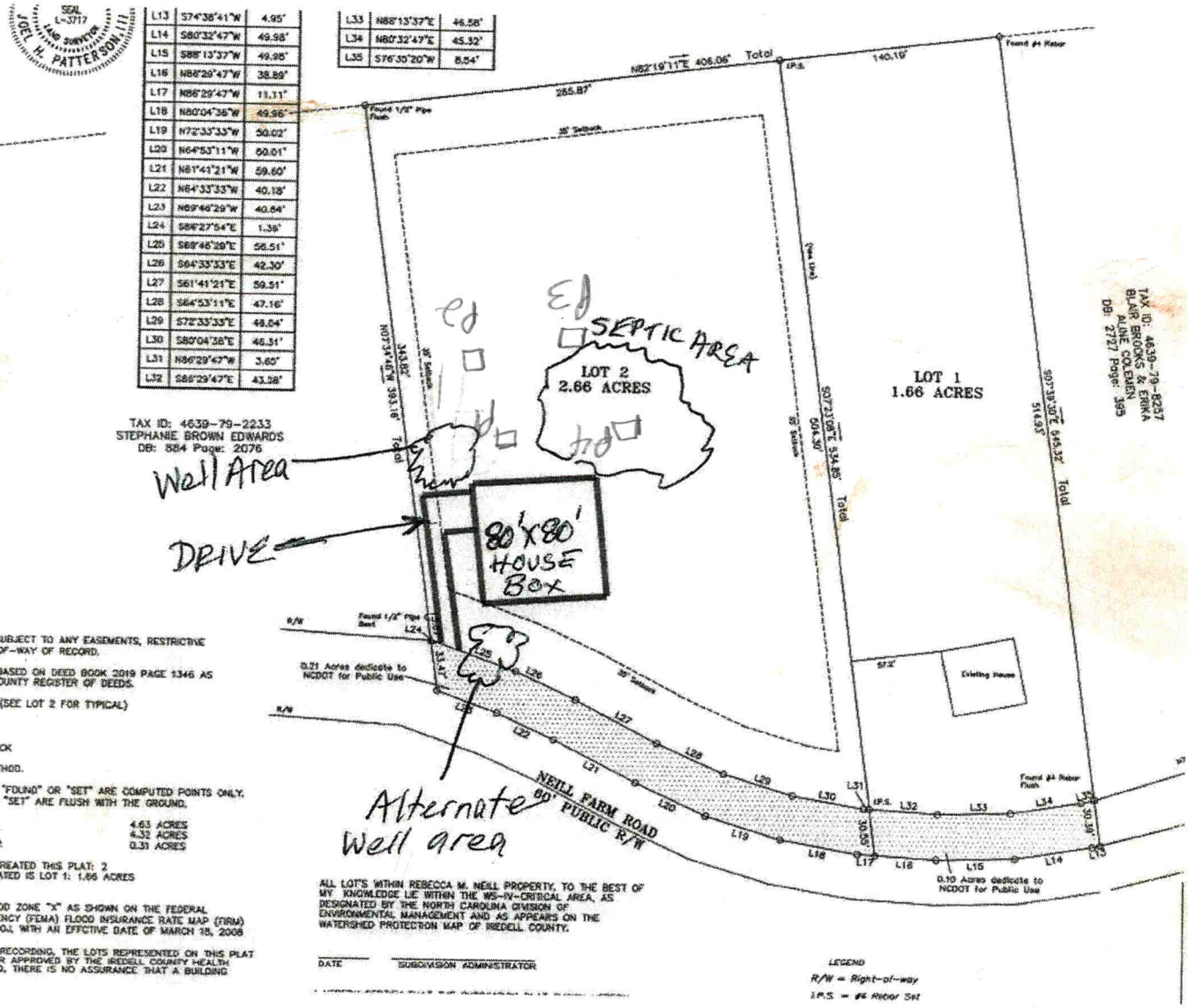
Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed: _____
( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other: 25% Reduction Chamber

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: _____ 8-24-21
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

Well and Septic Site Plan



SURVEYOR NOTES:

1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS, RESTRICTIVE COVENANTS AND/OR RIGHT-OF-WAY OF RECORD.

2) BOUNDARY INFORMATION BASED ON DEED BOOK 2019 PAGE 1346 AS RECORDED IN THE IREDELL COUNTY REGISTER OF DEEDS.

3) PROPERTY IS ZONED: RA (SEE LOT 2 FOR TYPICAL)
35' FRONT SETBACK
15' SIDE SETBACK
35' REAR SETBACK
25' CORNER SIDE SETBACK

4) AREA BY COORDINATE METHOD.

5) ALL POINTS NOT LABELED "FOUND" OR "SET" ARE COMPUTED POINTS ONLY. POINTS LABELED "FOUND" OR "SET" ARE FLUSH WITH THE GROUND.

6) TOTAL AREA THIS PLAT: 4.63 ACRES
AREA IN LOTS: 4.32 ACRES
AREA IN DEDICATED R/W: 0.31 ACRES

7) TOTAL NUMBER OF LOTS CREATED THIS PLAT: 2
SMALLEST LOT CREATED IS LOT 1: 1.66 ACRES

8) THIS POPERTY LIES IN FLOOD ZONE "X" AS SHOWN ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL 3710463900J, WITH AN EFFECTIVE DATE OF MARCH 18, 2008

9) 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.

ALL LOTS WITHIN REBECCA M. NEILL PROPERTY, TO THE BEST OF MY KNOWLEDGE LIE WITHIN THE WS-IV-CRITICAL AREA, AS DESIGNATED BY THE NORTH CAROLINA DIVISION OF ENVIRONMENTAL MANAGEMENT AND AS APPEARS ON THE WATERSHED PROTECTION MAP OF IREDELL COUNTY.

DATE SUBDIVISION ADMINISTRATOR

LEGEND
R/W = Right-of-way
I.P.S. = #4 Rebar Set

8-24-21

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

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, John Neill and Cooper Woodard, am the legal owner(s) of the property located at 210 Neill Farm Road Troutman, identified as PIN (Parcel Identification Number) 4639795224.000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) 4G Design Build Quinton Gandy, 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.

John Neill
John Neill (Aug 24, 2021 15:26 EDT)

Signature of Owner(s)

8/24/2021
Date

Cooper Woodard
Cooper Woodard (Aug 24, 2021 15:39 EDT)

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

MENT OF HEALTH AND HUMAN SERVICES
N OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
E WATER PROTECTION BRANCH

Sheet ___ of ___
PROPERTY ID #: 4639795224
COUNTY: Iredell

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

8/24/21

OWNER: 4G Design Build — APPLICATION DATE
ADDRESS: 488 Pinewyler Rd Statesville NC 28677 — DATE EVALUATED: 9/14/21
PROPOSED FACILITY: House — PROPOSED DESIGN FLOW (.1949): 240 gpd — PROPERTY SIZE: 2.66 Ac
LOCATION OF SITE: 210 Neil Farm Rd Troutman, NC 28166 — 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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	5%	0-15	Brwto Rd/Brw SCL	wSBK SS, SP, Sexp, FR					PS .3
		15-28	RCm-wSBK	SS, SP, Sexp, FR					
		28-52	RCL wSBK SS	SP, Sexp, FP		48"-52"			
			w/many SAP Inclus						
			Common Mica						
2	7%	0-11	Brwto Rd/Brw SCL	wSBK SS, SP, Sexp, FR					PS .3
		11-31	RCm-wSBK SS	SP, Sexp, FR					
		31-54	RCL wSBK SS	SP, Sexp, FR w/common					
			Mica						
3	7% Rep	0-10	Brw SCL wSBK	SS, SP, Sexp, FR					PS .275
		10-20	RCm SBK	SS, SP, Sexp, FR					
		20-52	RCL wSBK	SS, SP, Sexp, FR (few Yel/Brw > 26"					
			many SAP Inclus	> 46"					
4	5%	0-11	Brw SCL wSBK	SS, SP, Sexp, FR					PS .3
		11-36	RCm-wSBK	SS, SP, Sexp, FR, w/					
		36-50	RCL wSBK	SS, SP, Sexp, FR					
			common Mica						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25% Red	50% Red
Site LTAR	.3	.275

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): ___
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: Kenny Brown w/ 4G

COMMENTS: ___

Updated February 2014

LEGEND

use the following standard abbreviations

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

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

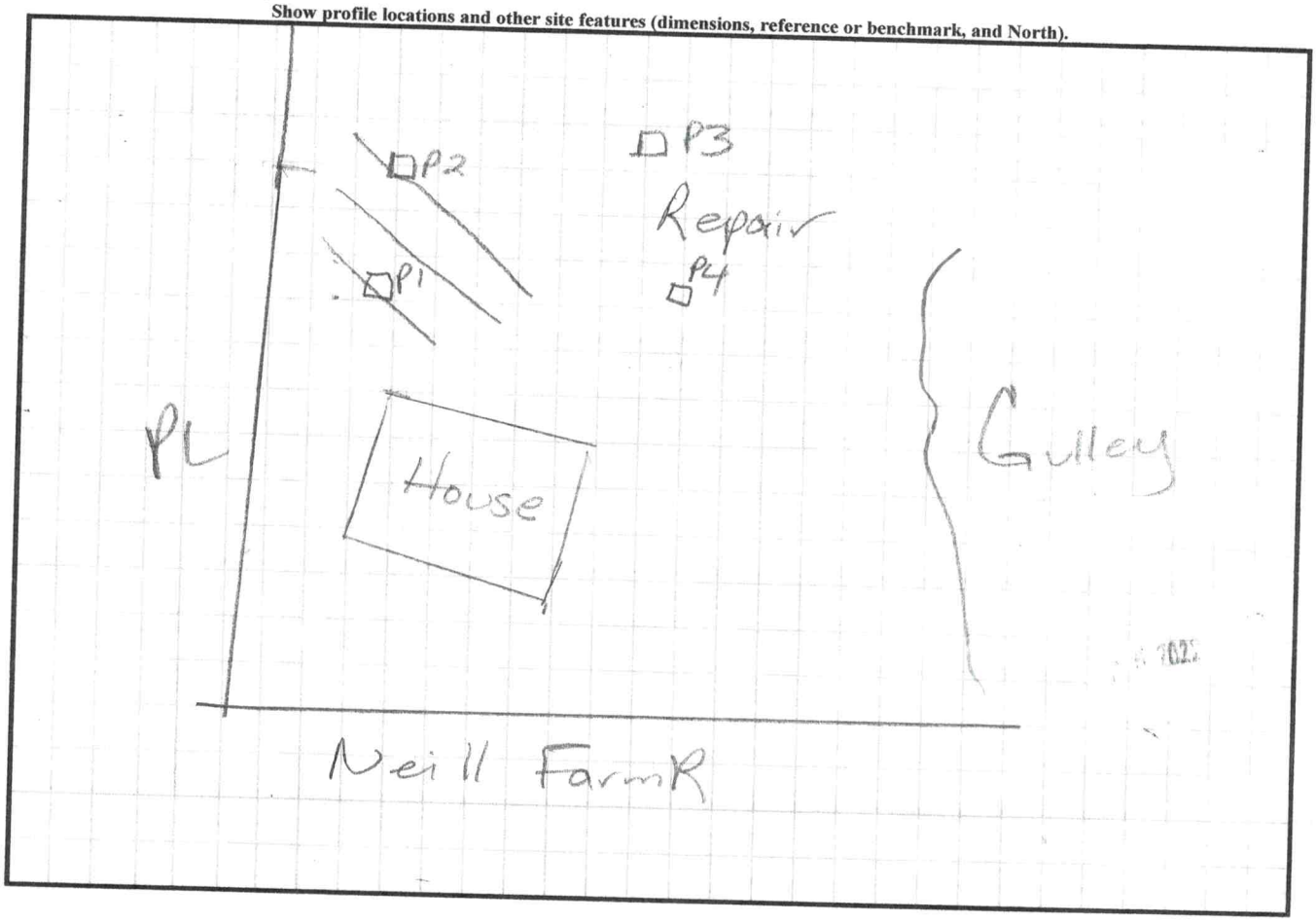
NOTES

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/ft^2

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



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A-102
FLOOR PLANS
07.01.2021
NEILL - 194 NEILL FARM

DATE	DESCRIPTION
05.10.2021	INITIAL PLAN DESIGN
05.17.2021	ELEVATIONS & 3D CLAY RENDERINGS
05.26.2021	PLAN CHANGES, ALT ELEVATIONS, ELECTRICAL
06.29.2021	CHANGES FROM SELECTIONS MEETING

NEILL RESIDENCE
194 NEILL FARM ROAD
TROUTMAN, NC 28166

4G Signature FLOOR PLANS
488 Pinevale Rd Statesville, NC 28677 1-833-BUILD4G www.Build4G.com

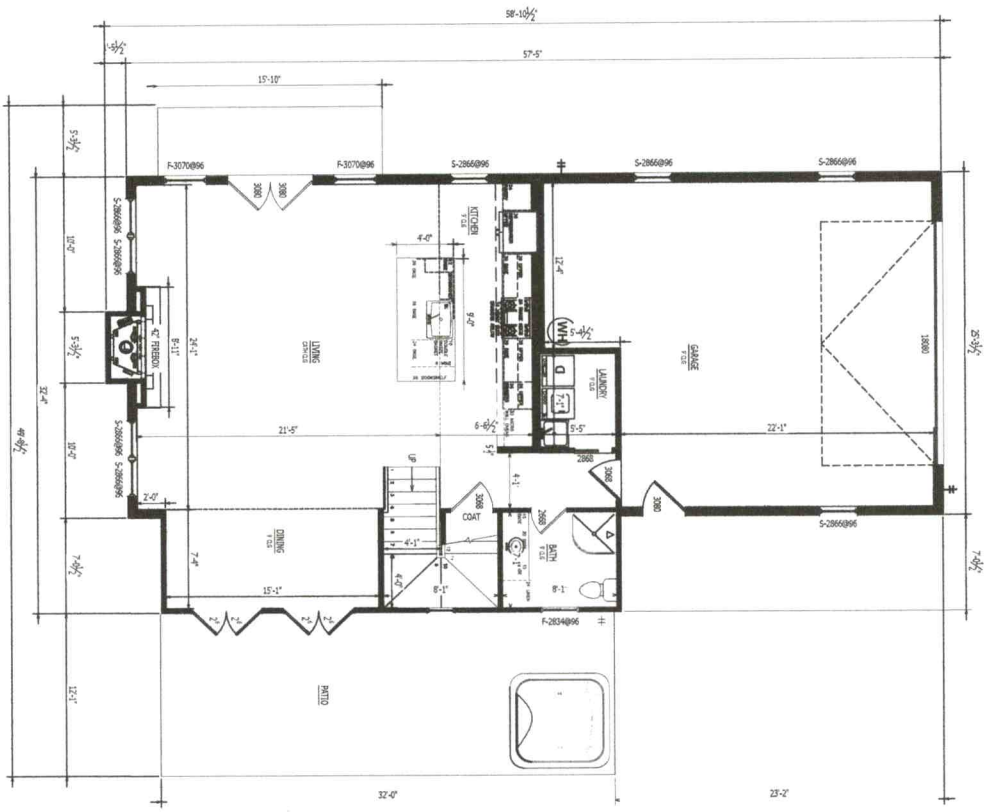
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NOTE:
PLAN DIMENSIONS ARE TO STUD UNLESS OTHERWISE NOTED.
ALL PLANS MAY BE SUBJECT TO CHANGE, VERIFY WITH CLIENT AND SELECTION LIST.
TYPICAL DOOR & WINDOW SIZES ARE NOTED ON FLOOR PLANS. FOR ROUGH OPENINGS REFER TO DWG SHEET.

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

1 SECOND FLOOR PLAN
Scale: 1/4" = 1'-0"

Acknowledgement Only
Plans Submittal ONLY!
Date 9/29/21
Date 9-29-21



FIRST FLOOR PLAN

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

Acknowledgement of Plans Submittal ONLY

Date 9/29/21

Date 9/29/21

NOTE:
PLAN DIMENSIONS ARE TO STUD UNLESS OTHERWISE NOTED.
ANY MATERIALS MAY BE SUBJECT TO CHANGE. VERIFY WITH CLIENT AND SELECTION LIST.
ACTUAL DOOR & WINDOW SIZES ARE NOTED ON DOOR PANEL FOR ROUGH OPENING
REFER TO 4" SHEET.
= HOSE BIB SYMBOL

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

DATE	DESCRIPTION
05.10.2021	INITIAL PLAN DESIGN
05.17.2021	ELEVATIONS & 3D CLAY RENDERINGS
05.26.2021	PLAN CHANGES, ALT ELEVATIONS, ELECTRICAL
06.29.2021	CHANGES FROM SELECTIONS MEETING

A-101
FLOOR PLANS
07.01.2021
NEILL - 194 NEILL FARM

NEILL RESIDENCE

194 NEILL FARM ROAD
TROUTMAN, NC 28166

4G Signature FLOOR PLANS
488 Pineville Rd Statesville, NC 28677 1-833-BUILD4G www.Build4G.com

BID

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IREDELL COUNTY · NC

IREDELL COUNTY

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

APPLICATION NUMBER
320818 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4639795224.000	210 NEILL FARM RD	Iredell County

Owner Information	Applicant Information
Name: NEILL JOHN F+COOPER R WOODARD	Name: 4G DESIGN BUILD, LLC
Address:	Address: 488 PINEVILLE RD
,	STATESVILLE, NC 28677
Phone:	Phone: (704)634-3647

Use Requested	Zone Code
	RR

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
2.66	35	35	15	15	WSIV-CA Catawba/Lake Norman	NO

Remarks
sfd

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Date: 08/25/2021

Signature of Owner/Contractor

Permit Number	320818	TOTAL FEES:	$77.25