BCW BUR-2023-40634

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2023-38552

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

PIN # 4871 -- 32 -- 4700

APPLICANT/OWNER: Adawi Revels APPLICANT ADDRESS: 201 Weisner Rd, Olin 28660

SITE ADDRESS: 1660 Tranquility Ln, Harmony, 28634 ✓ PHONE: 704-657-7193 ALT. PHONE –

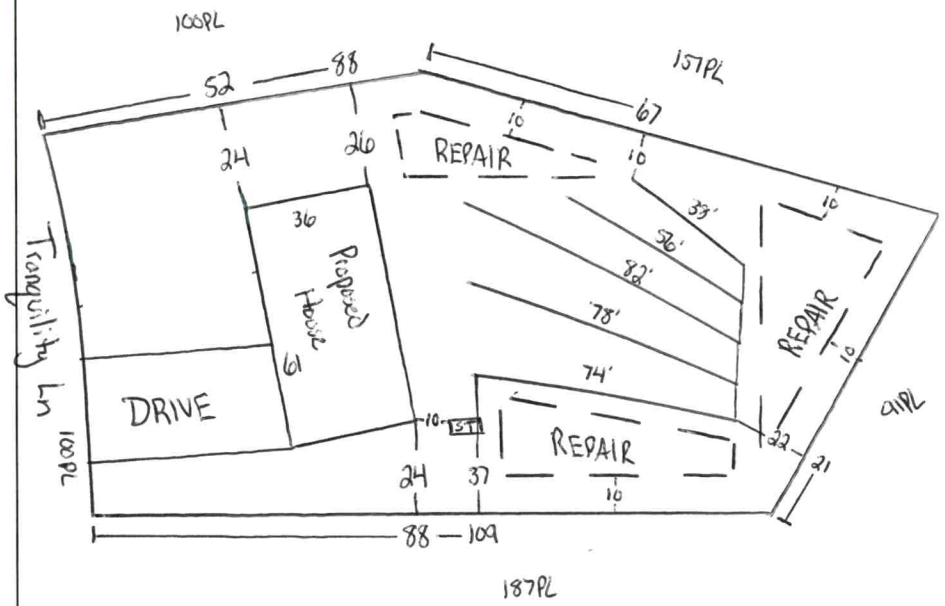
SITE DIRECTIONS: 21 N - Little Wilkesboro - Rabbit - Tranquility SAP CONTROLLED: ☒ YES ☐ NO

SUBDIVISION: Harmony Country Estates ✓ SECTION: – LOT # 24 ✓ LOT AREA: 0.506 acres DESIGN FLOW: 360 gpd L.T.A.R.: 0.275

Septic Tank	1000 (gal)	STB	1012	Date	9/19/2023	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 3	Water Supply
Pump Tank	(gal)	PT		Date		System Description:	25% reduction			☐ Business	No. Persons 6	☐ Private
Pump Make		Model		Serial #		Repair System Description:	LP- PPBPS			☐ Other	No. Employees	☒ Public
# Nitrification Fields	1	# Lines	5	Linear Ft	328'	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space	☐ Community
Trench Width	36 in	Trench Bottom Depth(Low side)	25 in	Gravel Depth	–		☒ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing		☐ Basement w/o plumbing

Comments / Conditions: Do not exceed 29 inch max trench bottom. Utilize serial distribution. Do not grade, park, or drive on septic area.

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.

See attached as built by DW 11/15/2023

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: Online Signature Date: Installed by: Revels Construction

IMPROVEMENT PERMIT by: Cory Hill Date: 10/31/23 OPERATION PERMIT by: Sarah Williams Date: 11/17/2023

AUTHORIZATION TO CONSTRUCT by: Cory Hill Date: 10/31/23 Existing System Inspected by: Date:

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

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3825

PERMIT # BLDR-2023-40634

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

PIN # 4871 -- 32 -- 4700

APPLICANT/OWNER: Adawi Revels

APPLICANT ADDRESS: 201 Weisner Rd, Olin 28660

SITE ADDRESS: 1060 Tranquility Ln, Harmony, 28634

PHONE: 704-657-7193

ALT. PHONE –

SITE DIRECTIONS: 21 N - Little Wilkesboro - Rabbit - Tranquility

SAP CONTROLLED: ☒ YES ☐ NO

SUBDIVISION: Harmony Country Estates

SECTION: – LOT # 24 LOT AREA: 0.506 acres

DESIGN FLOW: 360 gpd L.T.A.R.: 0.275

Septic Tank 1000 (gal) STB 1012 Date 9/19/23

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 5 Linear Ft 328'

Trench Width 36 in Trench Bottom Depth(Low side) 25 in Gravel Depth –

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

System Description: 25% reduction

Repair System Description: LP- PPBPS

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☒ Residence No. Bedrooms 3

☐ Business No. Persons 6

☐ Other No. Employees

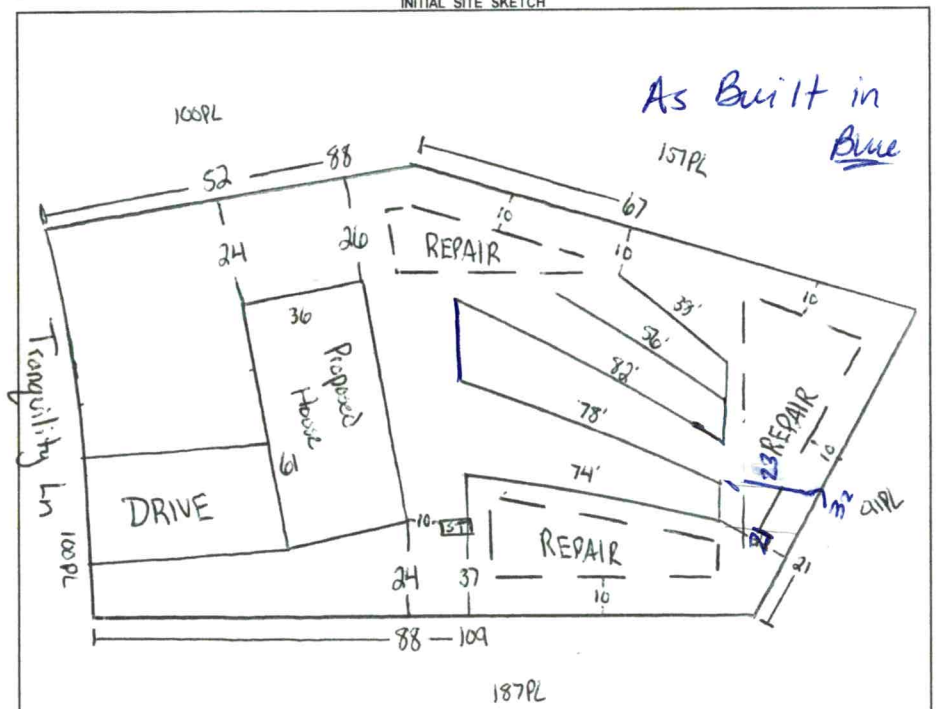
☐ Slab ☒ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☒ Public ☐ Community

Comments / Conditions: Do not exceed 24 inch max trench bottom. Utilize serial distribution. Do not grade, park, or drive on septic area.

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.

Tanks, top 2 lines

M/15/23 DW

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: Online Signature Date: Installed by: Revel Construction

IMPROVEMENT PERMIT by: Cory Hill Date: 10/31/23 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Cory Hill Date: 10/31/23 Existing System Inspected by: Date:

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

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

Sheet 1 of 1
PROPERTY ID #: 4871324700
COUNTY: Iredell

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

OWNER: Adawi Revels
ADDRESS: 345 Rash Rd, Olin
PROPOSED FACILITY: 3 bdr home
PROPOSED DESIGN FLOW (.1949): 360 GPD
LOCATION OF SITE: 166 Tranquility
APPLICATION DATE 8/16/21
DATE EVALUATED: 9/17/21
PROPERTY SIZE: 0.506
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
1	Side 10%	0 - 7	SCL SBK	SS SP FR SE	Yellow/ Browns in C layer	49	~~Litho~~ SAP inc in CL layer		.275 PS
		7 - 23	C SBK	SS SP FR SE					
		23 - 49	CL SBK	SS SP FR SE					
2	Side 10%	0 - 8	SCL SBK	SS SP FR SE	–	31	Litho inc in CL layer		.3 PS
		8 - 21	C SBK	SS SP FR SE					
		21 - 31	CL wSBK	SS SP FR SE					
		31 - 51	SAP LS	VFR					
3	Side 10%	0 - 7	SCL SBK	SS SP FR SE	–	18	Litho inc in C layer		~~.275~~ .275 PS
		7 - 18	C wSBK	SS SP FR SE					
		18 - 50	SAP LS	FR					
4	Side 10%	0 - 7	SCL SBK	SS SP FR SE	–	48	~~Litho~~ SAP inc in CL layer		.3 PS
		7 - 21	C SBK	SS SP FR SE					
		21 - 48	CL wSBK	SS SP FR SE					

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

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Cory Whicker
OTHER(S) PRESENT: Bryant White

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.

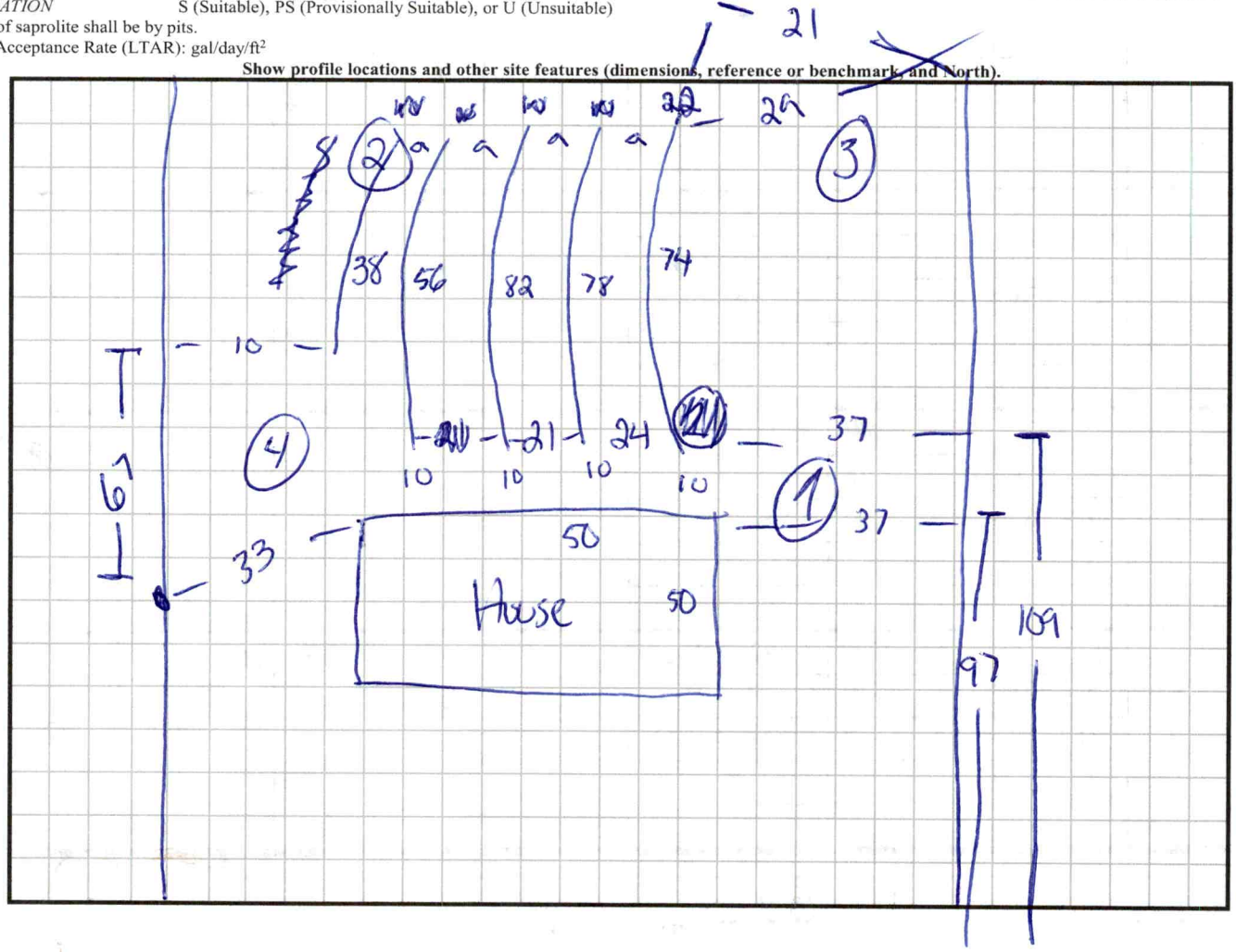
NOTES

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).



RECEIVED AUG 1 6 2021

CW

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- 3204607 $500.00

Application For:
( ) 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: ( ) 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: Adawi Revels Address: 345 Rash Rd Olin NC 28660 Zip: _____

Applicant Email: revelsconstruction1@gmail.com Phone: 704-651-7193 Alt. Phone: _____

Owner Name: Jason Stevenson Address: 132 Strowd Rd. Statesville, N.C. Zip: 28625

Owner Email: mstevenson@phhusa.org Phone: 704-881-1141 Alt. Phone: _____

Property Information:

Street Address: 166 Tranquility Ln Harmony N.C. 28634

Subdivision Name: _____ Section/Phase: _____ Lot Number: _____

Driving Directions: From Hwy 21 turn onto little wilkesboro, turn onto rabbit hwy, turn onto tranquility ln.

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

CHECK FOUNDATION TYPE

(X) New Single Family Residence Maximum Number of Bedrooms: 3 (X) Crawl Space Foundation
( ) New Multi-Family Residence Maximum Number of Occupants: 5 ( ) Concrete Slab Foundation
( ) Accessory Building ( ) Swimming Pool ( ) Basement with Plumbing
( ) Bedroom(s) Addition ( ) Other Addition/Structure: _____ ( ) Basement without Plumbing
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: _____
Non-Residential Site Development: Type of Business: _____
Square Footage of Building: 1500 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 (X) 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 (X) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other: _____

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: A R 8-9-21

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

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, Jason Stevenson, am the legal owner(s) of the property located at 166 Tranquility Ln., identified as PIN (Parcel Identification Number) 4781-32-4700, located in Iredell County, North Carolina.

I do hereby authorize (print legal representative/company name) Adawi Revels, Revels Construction Inc., 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.

Jason Matthew Stevenson — Signature of Owner(s)

August 09, 2024 — Date

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

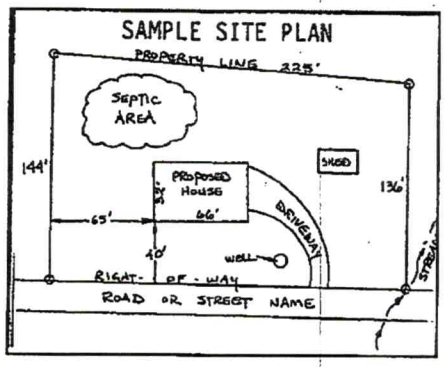
Statesville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *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 PERMIT!!!***



Place an (X) beside each item as you complete the site plan:

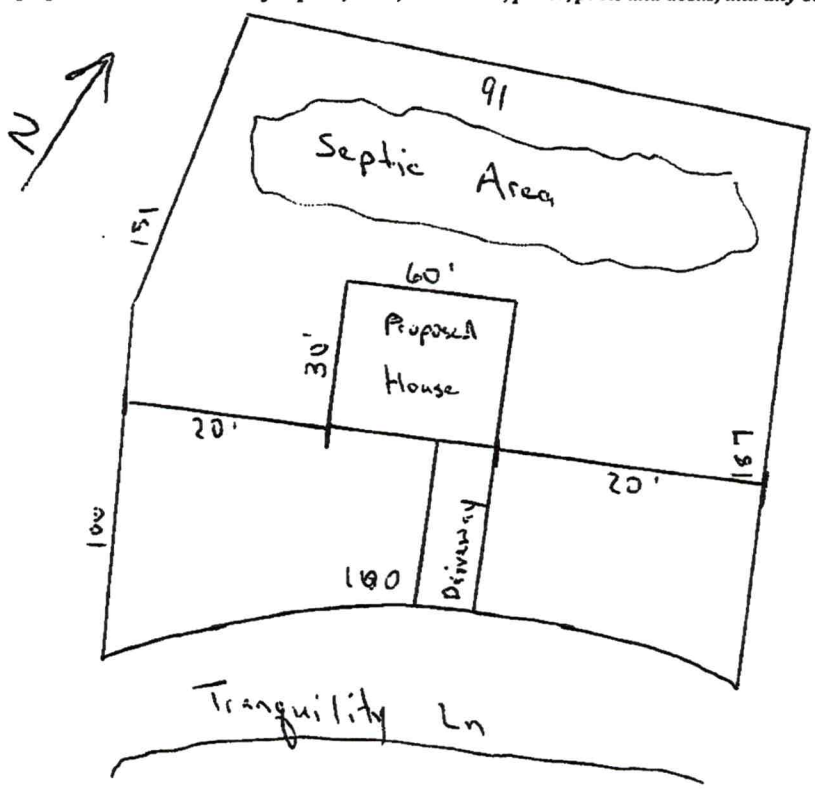
- (✓) Property Line measurements are clearly identified
- (✓) All proposed structures are indicated
- (✓) Front and side setbacks from property line
- (✓) Preferred driveway location and well location
- (✓) Area you prefer your septic system to be placed
- ( ) North arrow, or other sufficient indicator 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: A. R. _____

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

8-11-21

DATE

IREDELL COUNTY · NC

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

APPLICATION NUMBER
320467 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4871324700.000	166 TRANQUILITY LN	Iredell County

Owner Information	Applicant Information
Name: STEVENSON JASON MATTHEW	Name: Adawi Revels (Revels Construction)
Address: 122 STROUD RD STATESVILLE, NC 28625	Address:
Phone:	Phone: (704)657-7193

Use Requested	Zone Code
Single Family Dwelling	R20

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0.506	35	35	15	15	WSIII-BOW Hunting Creek	NO

Remarks
SFD

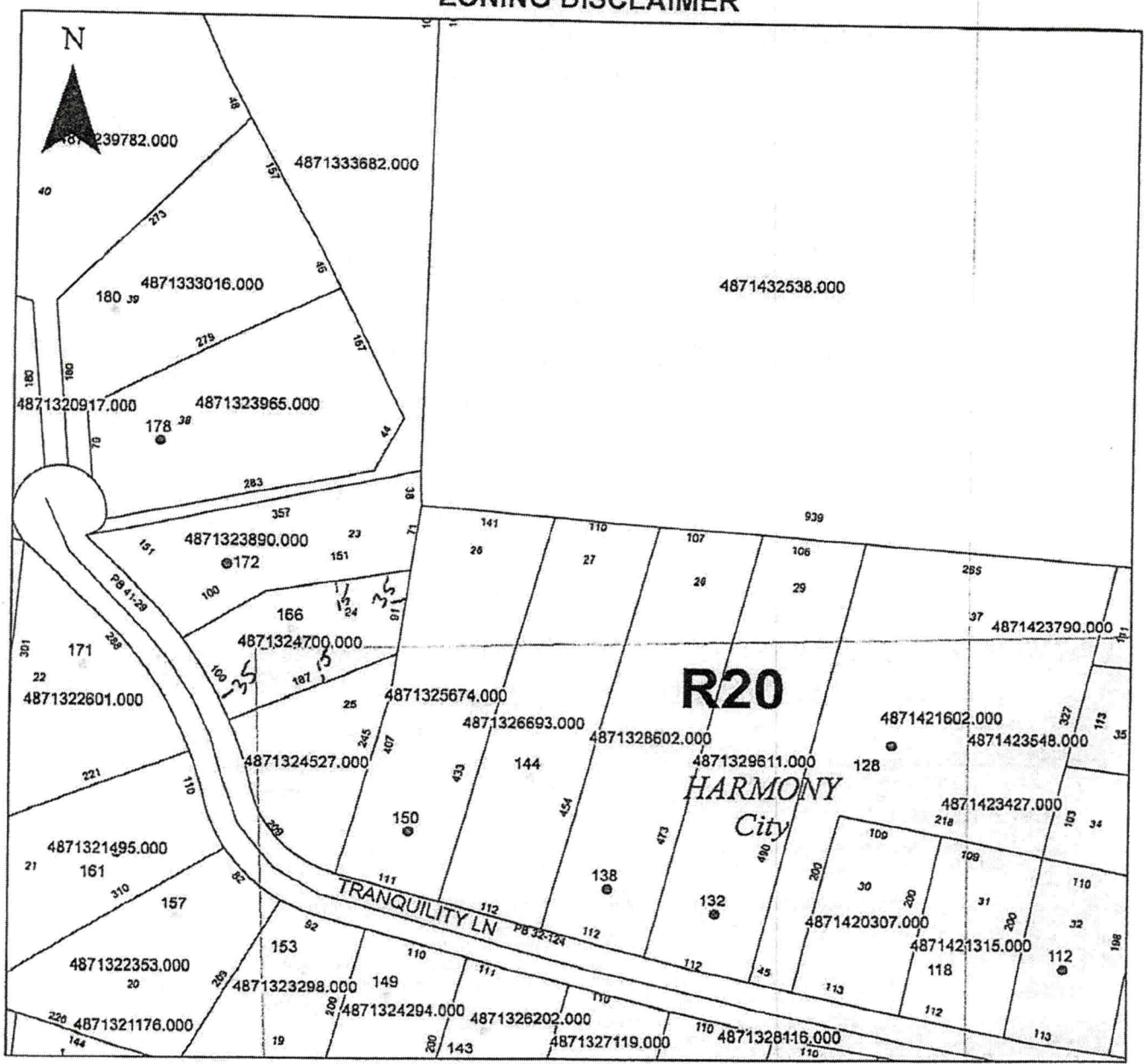
The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions,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

Date: 08/13/2021

Signature of Owner/Contractor

Permit Number	320467	TOTAL FEES:	$77.25

ZONING DISCLAIMER



Property Address 166 Tranquility Lane, Iredell. Harmony Harmony RA

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.

Hunting Creek water
WS-IV - Bow
NS - Flood

A. R

Applicant

8-12-21

Date