ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP- 327559

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

PIN# 4863 -- 40 -- 5600

APPLICANT/OWNER: TRIWALL ACRES, LLC. APPLICANT ADDRESS: 160 EBENEEZER ROAD, STATESVILLE, N.C. 28625

SITE ADDRESS: 202 TRIVETTE ROAD, HARMONY, N.C. 28634 PHONE: 704-280-4321 ALT. PHONE –

SITE DIRECTIONS: (N) ON 77, (R) ON 901, (L) ON WINTHROP, (L) ON CRATER, (R) ON CARTWRIGHT, (L) ON TRIVETTE, LOT ON (R) SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: TRIWALL ACRES SECTION: – LOT # 8 LOT AREA: 1.788 AC DESIGN FLOW: 480 GPD L.T.A.R.: 0.25

Septic Tank	1000	(gal)	STB	854	Date	3-10-2022			
Pump Tank	–	(gal)	PT	–	Date	–			
Pump Make	–		Model	–	Serial #	–			
# Nitrification Fields	1		# Lines	4	Linear Ft	484 ft			
Trench Width	36 in		Trench Bottom Depth(Low side)	28 in	Gravel Depth	–			

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

System Description: 25% REDUCTION

Repair System Description: 25% REDUCTION

Maintenance Agreement Required: ☐ YES ☑ NO

☑ GRAVITY ☐ PRESSURE

☑ Residence ☐ Business ☐ Other ☐ Slab ☐ Basement w/plumbing

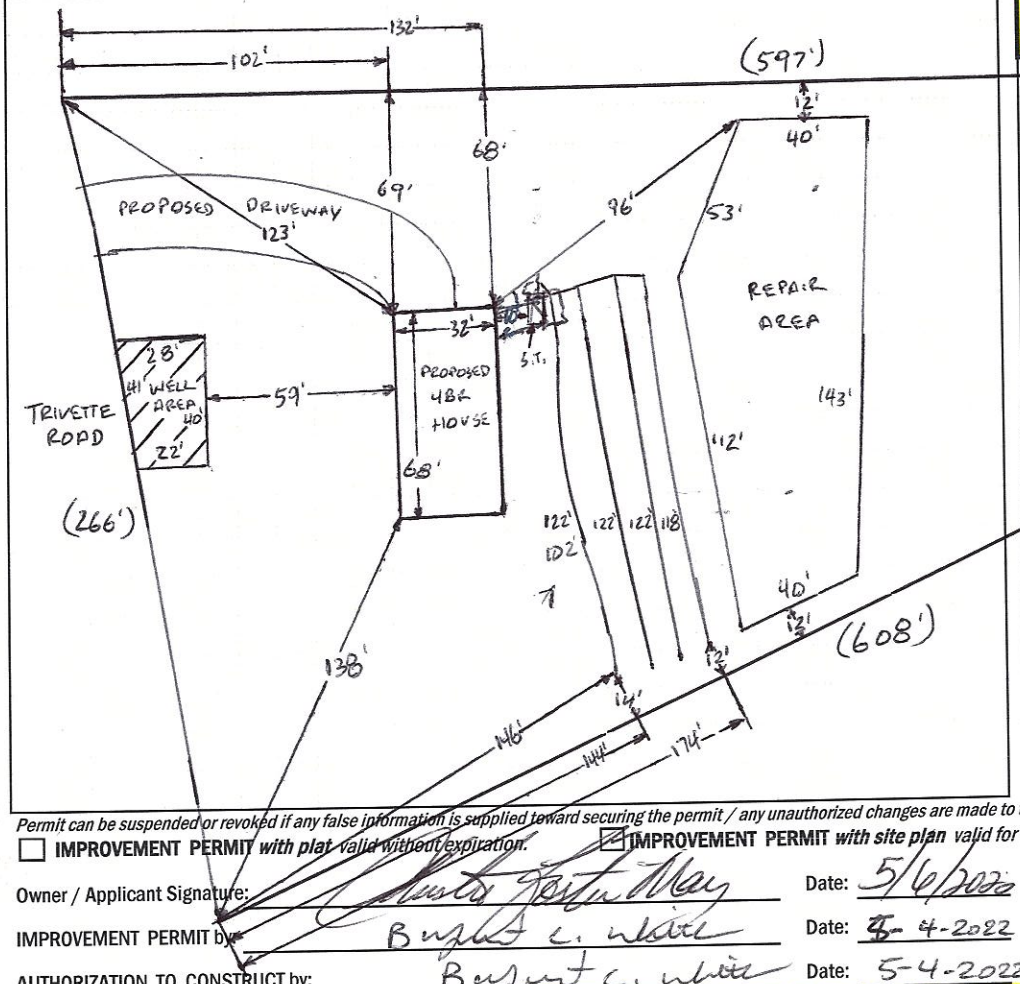
No. Bedrooms 4 No. Persons 8 No. Employees – ☑ Crawl Space ☐ Basement w/o plumbing

Water Supply: ☑ Private ☐ Public ☐ Community

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION, DO NOT EXCEED A 36 IN MAX TRENCH DEPTH

1ST LINE INSTALLED AS A 102FT

INITIAL SITE SKETCH



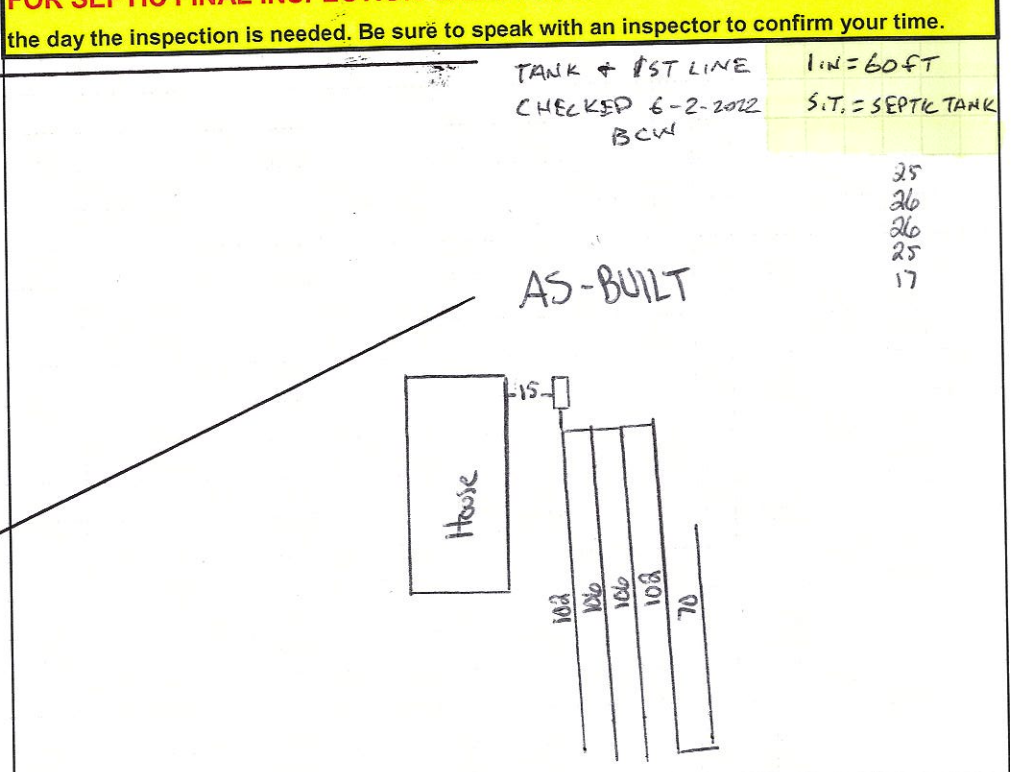
AS BUILT SKETCH

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.

TANK & 1ST LINE CHECKED 6-2-2022 BCW

1 IN = 60 FT

S.T. = SEPTIC TANK



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: 5/6/2022 Installed by: A-1 BACKHOE

IMPROVEMENT PERMIT by: Bryant C. White Date: 5-4-2022 OPERATION PERMIT by: Cary Wild Date: 6/7/22

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 5-4-2022 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 #: 4863-40-5600
COUNTY: IREDELL

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

OWNER: TRIWALL ACRES, LLC.
ADDRESS: 202 TRIVETTE ROAD, HARMONY, N.C. 28634
PROPOSED FACILITY: 4BR PROPOSED DESIGN FLOW (.1949): 480GPD
LOCATION OF SITE: 202 TRIVETTE ROAD, HARMONY, N.C. 28634
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

APPLICATION DATE 4-1-2022
DATE EVALUATED: 4-22-2022
PROPERTY SIZE: 1.788AC
PROPERTY RECORDED: YES

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	LINEAR SIDE 16%	0-9	FILL	MIXED	SAP INC THRU OUT FEW Y/B 16"-33"	49"+	NA	NA	PS .275
		9-15	SCL, ABK	FR, SS, SP, SEXP					
		15-39	CL, ABK	FI, S, P, SEXP					
		39-49	CL, WABK	FR, SS, SP, SEXP					
2	HEAD 16%	0-9	FILL	MIXED	FEW SAP INC Y/B MOTS THRU OUT CHROMA 3+4S	51"+	NA	NA	PS .25
		9-43	CL, ABK	FI, S, P, SEXP					
		43-51	CL, WABK	FR, SS, SP, SEXP					
3	HEAD 18%	0-9	FILL	MIXED	FEW SAP INC Y/B MOTS THRU OUT	53"+	NA	NA	PS .25
		9-36	CL, ABK	FI, S, P, SEXP					
		36-53	CL, WABK	FR, SS, SP, SEXP					
4	HEAD 17%	0-9	FILL	MIXED	FEW SAP INC Y/B MOTS THRU OUT	53"+	NA	NA	PS .25
		9-41	CL, ABK	FI, S, P, SEXP					
		41-53	CL, WABK	FR, SS, SP, SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	25%
Site LTAR	0.25	0.25

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

COMMENTS:

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)	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)
DS (Debris Slump) FP (Flood Plain) FS (Foot Slope)	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	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 None	0.2 - 0.05 None	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)

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

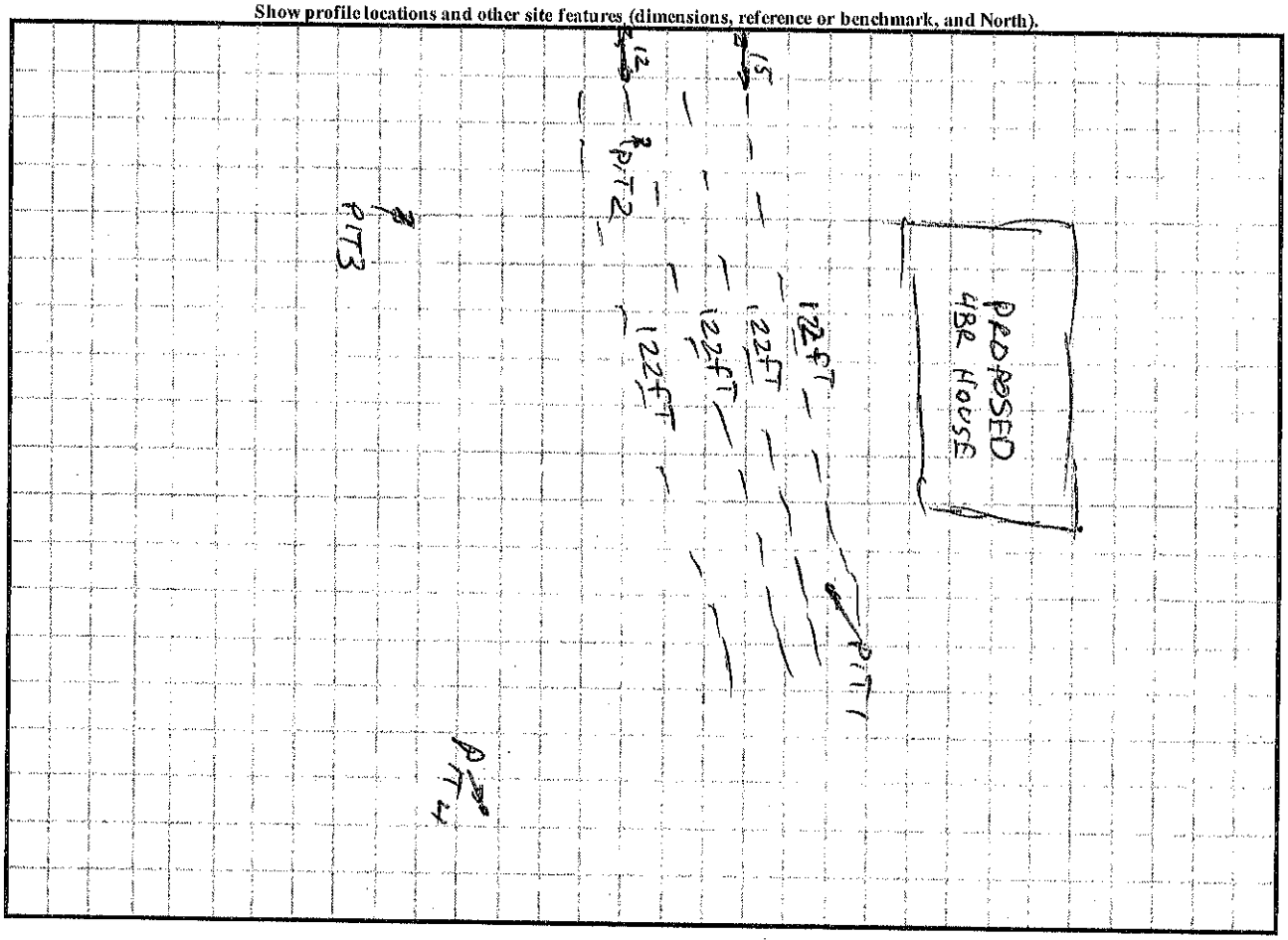
NOTES

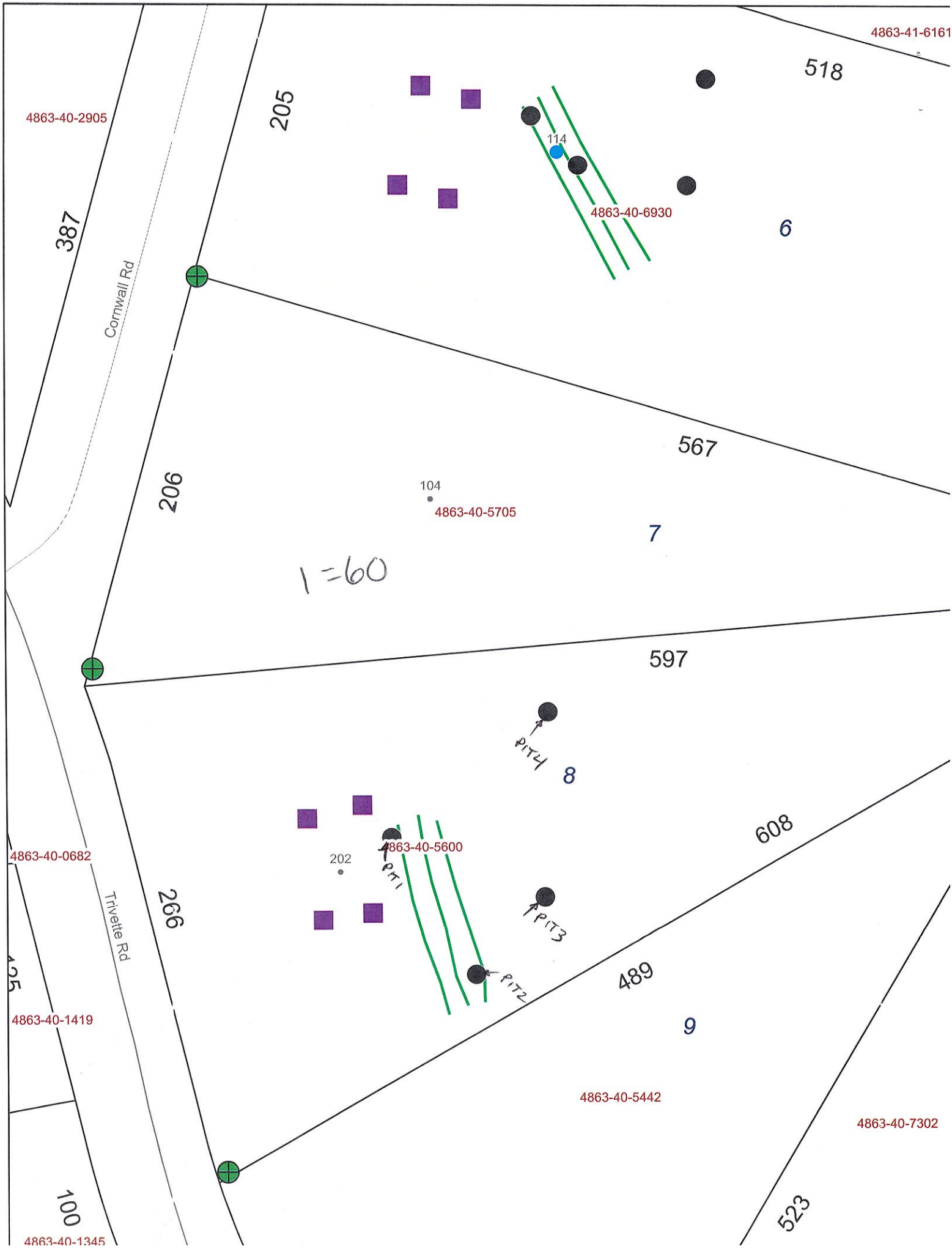
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or 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).




4863-41-6161
518
205
4863-40-2905
114
387
Cornwall Rd
4863-40-6930
6
567
206
104
4863-40-5705
7
1=60
597
PIT4
8
608
4863-40-0682
202
4863-40-5600
PIT1
PIT3
266
Trivette Rd
PIT2
489
4863-40-1419
9
4863-40-5442
4863-40-7302
100
523
4863-40-1345

RECEIVED APR 11 - 2022

APPLICATION MUST BE FILLED OUT COMPLETELY & BE LEGIBLE OR IT WILL NOT BE PROCESSED AP- 327559

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM*

Paid $500.00

Application For:

(X) Septic Improvement Permit (X) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) 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: Triwall Acres, LLC Address: 160 Ebeneezer Rd. Statesville, NC Zip: 28625
Applicant Email: jfarmer@metrolina-inc.com Phone: 704-280-4321 Alt. Phone: _____
Owner Name: Barry Mitchell Address: 147 Troy Mill Rd. Hamptonville, NC Zip: 27020
Owner Email: bmitchell@metrolina-inc.com Phone: 704-315-3386 Alt. Phone: _____

Property Information: 202

Street Address: 402 Trivette Road, Harmony NC 28634
Subdivision Name: Triwall Acres Section/Phase: _____ Lot Number: #8
Driving Directions: I-77 N to exit 65 (901). Turn Right onto 901 then in 600ft turn Left onto Winthrop Rd. Go 0.7 miles take sharp left onto Crater Rd. Go 0.4 miles turn Right onto Cartwright Rd. Go 0.9 miles and turn Left onto Trivette Rd. Destination is 450 ft on your 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: 4
Maximum Number of Occupants: 8
( ) 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: 1 Number of Persons: no more than 8

(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 (X) 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: Christi Foster-May / A-1 Backhoe Inc. 4/1/2022
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

PublicHealth

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

PublicHealth

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, Barry Mitchell, am the legal owner(s) of the property located at 114 Cornwall Rd. Lot 6 & Lot 8, identified as PIN (Parcel Identification Number) 4863406930 / 4863405600, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Christie Foster-May & A1 Backhoe 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.

_____ 4.1.22
Signature of Owner(s) Date

Mooresville - Environmental Health

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

Statesville - Environmental Health

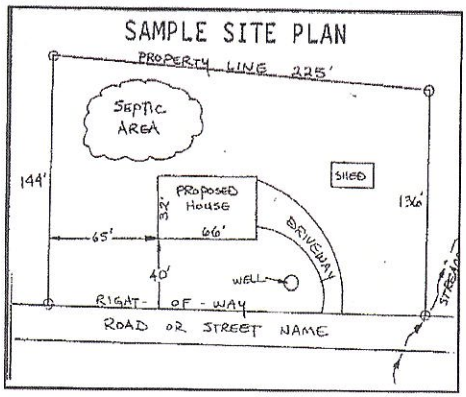
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

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:

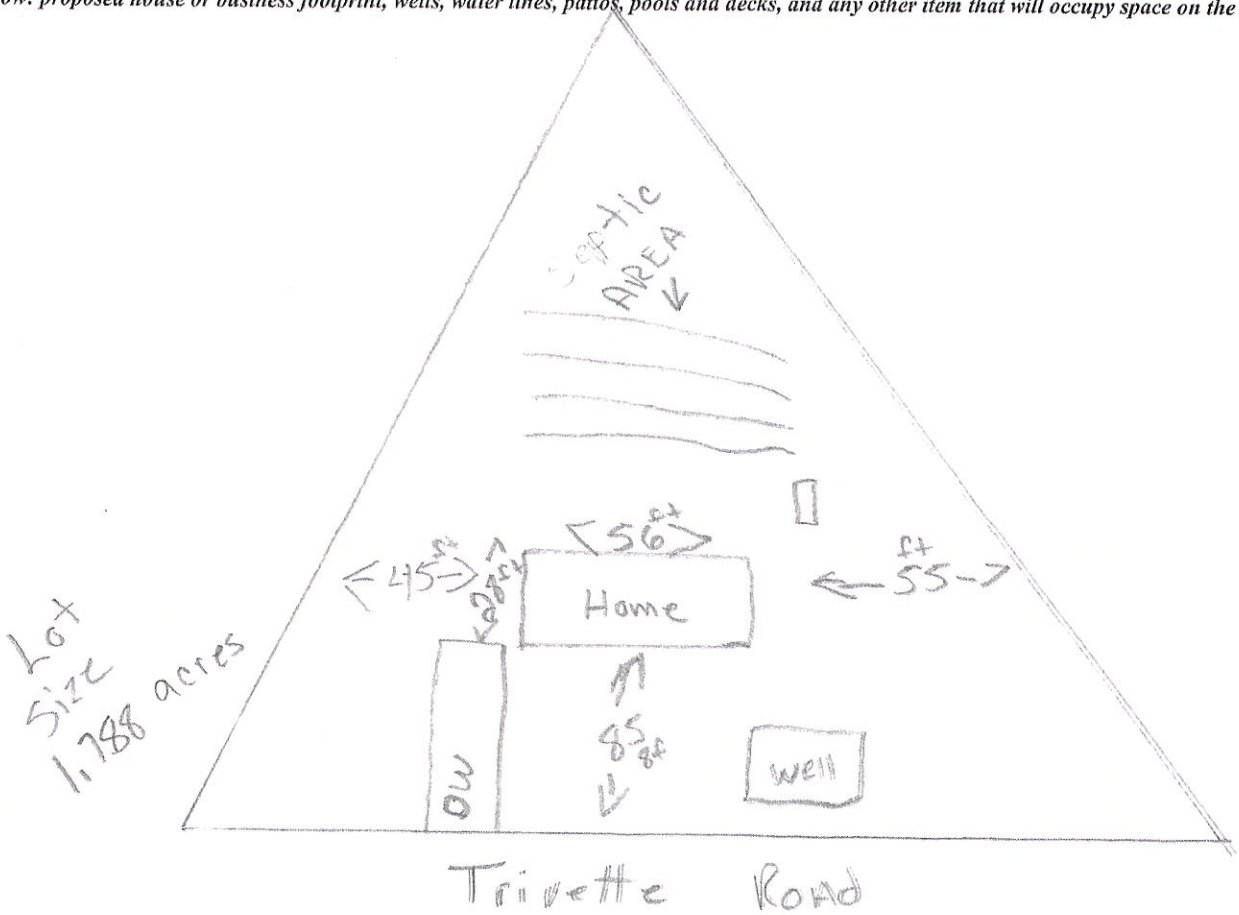
- (X) Property Line measurements are clearly identified
- (X) All proposed structures are indicated
- (X) Front and side setbacks from property line
- (X) Preferred driveway location and well location
- (X) Area you prefer your septic system to be placed
- (X) North arrow, or other sufficient indicator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

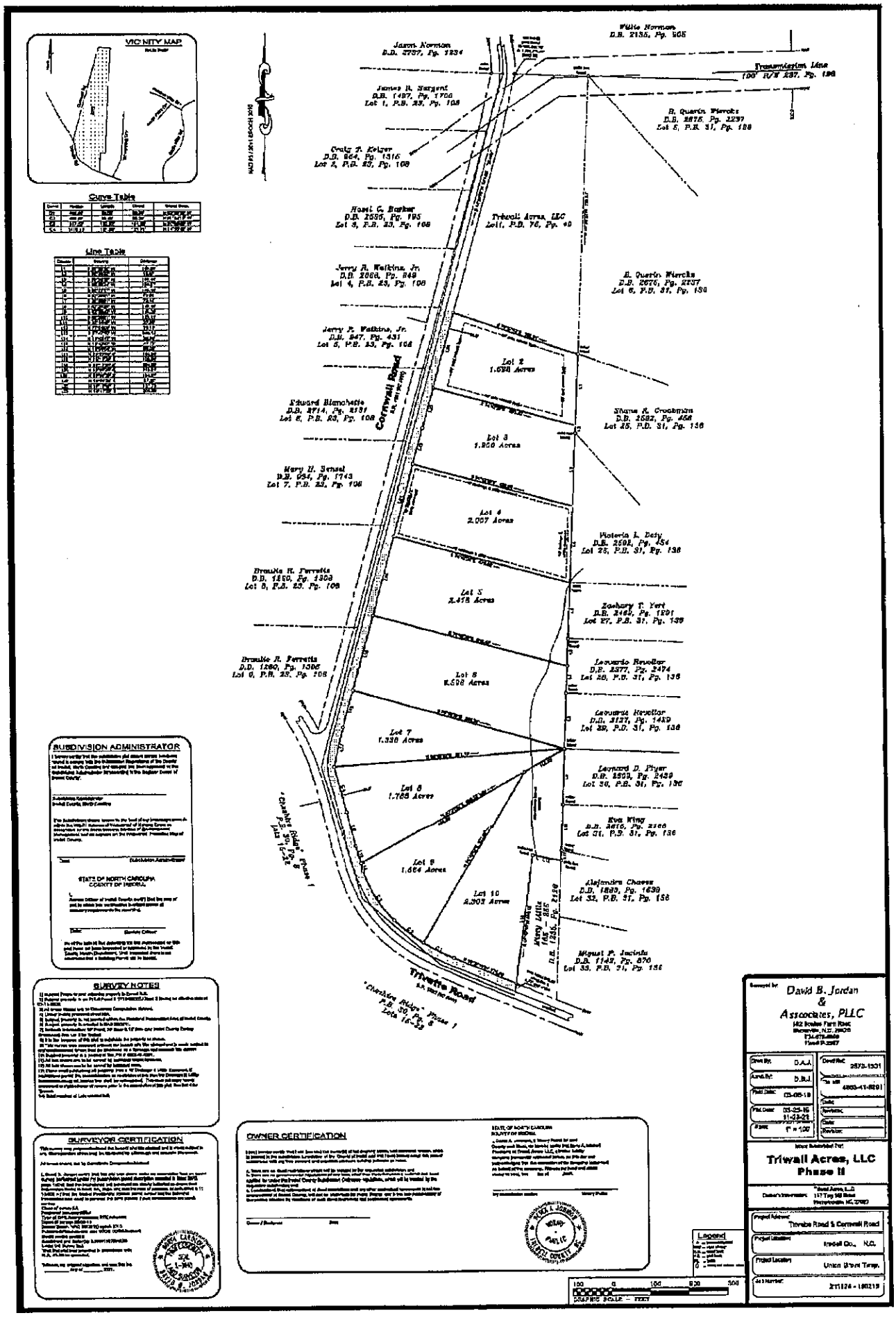
USE THIS SPACE TO DRAW YOUR SITE PLAN

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



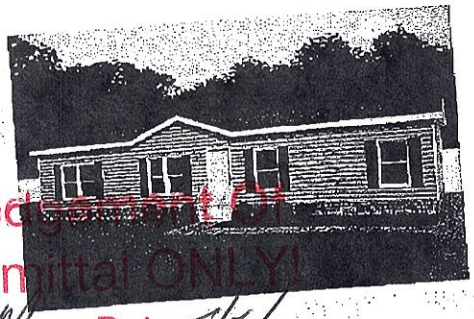
Signature: Kristie Foster-May / A-1 Backhoe Inc — 4/1/2022

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


VICINITY MAP
Curve Table
Line Table
Jason Norman
D.B. 2757, Pg. 1334
Willie Norman
D.B. 2135, Pg. 905
Transmission Line
100' R/W 237, Pg. 196
James B. Sargent
D.B. 1487, Pg. 1706
Lot 1, P.B. 23, Pg. 108
B. Querin Wiercks
D.B. 2676, Pg. 2237
Lot 5, P.B. 31, Pg. 136
Craig T. Kelzer
D.B. 864, Pg. 1316
Lot 2, P.B. 23, Pg. 108
Hazel C. Bagley
D.B. 2595, Pg. 195
Lot 3, P.B. 23, Pg. 108
Triwall Acres, LLC
Lot1, P.B. 76, Pg. 40
Jerry R. Watkins, Jr.
D.B. 2660, Pg. 949
Lot 4, P.B. 23, Pg. 108
B. Querin Wiercks
D.B. 2676, Pg. 2237
Lot 6, P.B. 31, Pg. 136
Jerry R. Watkins, Jr.
D.B. 847, Pg. 431
Lot 5, P.B. 23, Pg. 108
Lot 2
1.098 Acres
Cornwall Road
S.R. 1007 (60' R/W)
Edward Blanchette
D.B. 2714, Pg. 2191
Lot 6, P.B. 23, Pg. 108
Shane K. Crookman
D.B. 2582, Pg. 456
Lot 25, P.B. 31, Pg. 136
Lot 3
1.926 Acres
Mary H. Sensel
D.B. 694, Pg. 1743
Lot 7, P.B. 23, Pg. 108
Lot 4
2.007 Acres
Victoria L. Doty
D.B. 2592, Pg. 454
Lot 26, P.B. 31, Pg. 136
Brenda H. Ferreira
D.B. 1560, Pg. 1303
Lot 8, P.B. 23, Pg. 108
Lot 5
2.418 Acres
Zachary T. Yert
D.B. 2481, Pg. 1891
Lot 27, P.B. 31, Pg. 139
Brenda H. Ferreira
D.B. 1560, Pg. 1303
Lot 9, P.B. 23, Pg. 108
Lot 6
2.598 Acres
Leonardo Revollar
D.B. 2377, Pg. 2474
Lot 28, P.B. 31, Pg. 136
Lot 7
1.338 Acres
Leonardo Revollar
D.B. 3127, Pg. 1439
Lot 29, P.B. 31, Pg. 136
Leonard D. Plyler
D.B. 1503, Pg. 2439
Lot 30, P.B. 31, Pg. 136
Lot 8
1.785 Acres
"Cherokee Ridge" Phase 1
P.B. 30, Pg. 8
Lots 15-23
Eva Wing
D.B. 3016, Pg. 2166
Lot 31, P.B. 31, Pg. 136
Lot 9
1.664 Acres
Lot 10
8.303 Acres
Alejandra Chaves
D.B. 1899, Pg. 1639
Lot 32, P.B. 31, Pg. 136
Miguel F. Jacinto
D.B. 1143, Pg. 870
Lot 33, P.B. 31, Pg. 136
Triwall Road
S.R. 1002 (60' R/W)
SUBDIVISION ADMINISTRATOR
STATE OF NORTH CAROLINA
COUNTY OF IREDELL
SURVEY NOTES
SURVEYOR CERTIFICATION
OWNER CERTIFICATION
STATE OF NORTH CAROLINA
COUNTY OF IREDELL
Legend
David B. Jordan
&
Associates, PLLC
Triwall Acres, LLC
Phase II
Triwall Road & Cornwall Road
Iredell Co., N.C.
Union Grove Twsp.
211124 - 180219

TRU

MARVEL



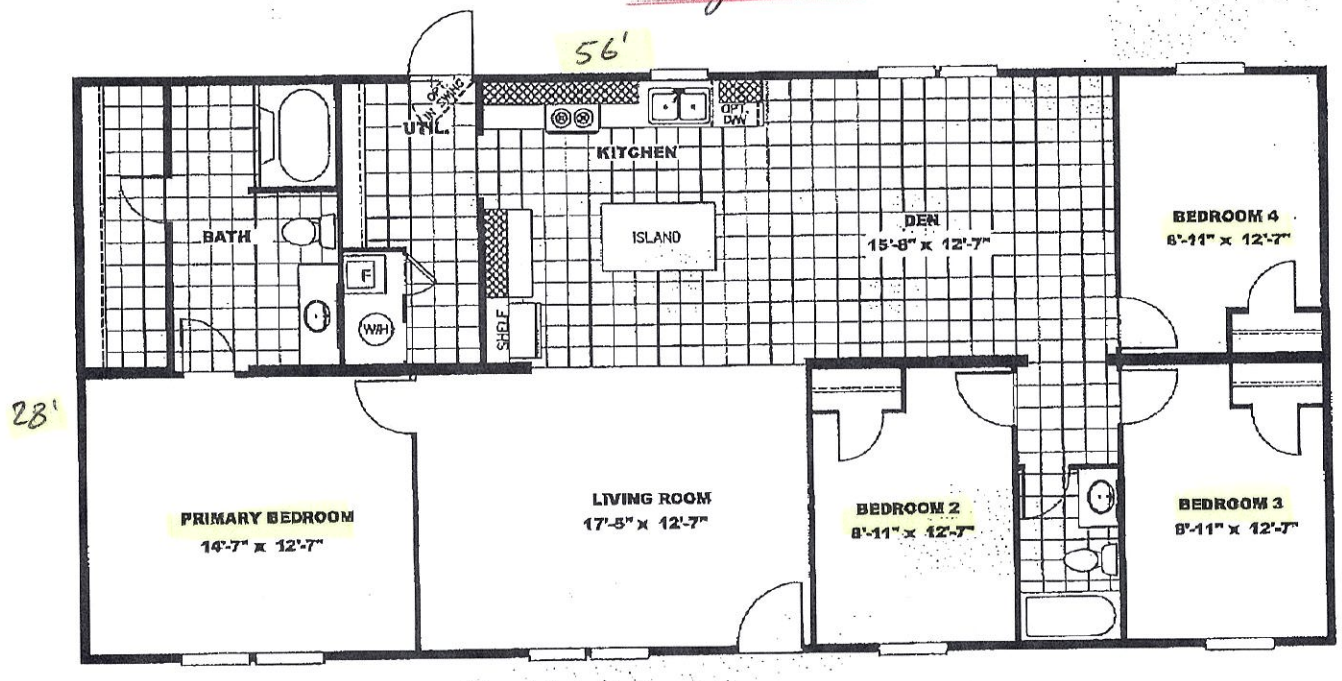
TRU28564A

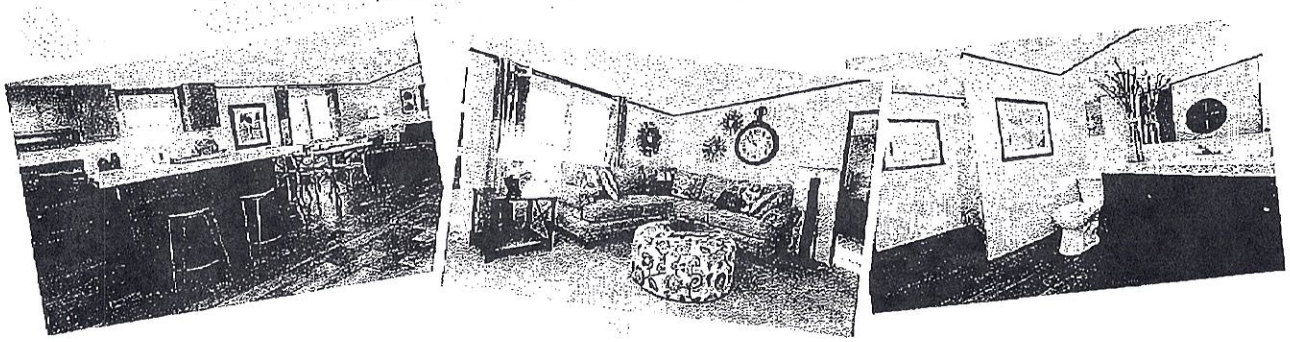
1,475 sq ft // 4 beds // 2 baths

Acknowledgement for Plans Submittal ONLY!

Date 5/5/2022

Date 4-3-2022





The home series and floor plans shown all have starting prices within the price range indicated. Your local Home Center can quote you specific prices and terms of purchase for specific homes. TRU invests in continuous product and process improvement. All home series, floor plans, specifications, dimensions, features, materials, availability, and starting prices shown are artist's renderings or estimates and are subject to change without notice or obligation. Dimensions are nominal and length and width measurements are from exterior wall to exterior wall. Starting prices include the home only, plus typical delivery and installation. Starting prices do not include other costs such as taxes, title fees, insurance premiums, filing or recording fees, land or improvements to the land, optional home features, optional delivery or installation services, wheels and axles, community or homeowner association fees, or any other items not shown on your Retailer Closing Agreement and related documents (your RCA). Your RCA will show the details of your purchase. 2020 TRU. All rights reserved.

IREDELL COUNTY · NC

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

APPLICATION NUMBER

327559
Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4863405600 000	202 TRIVETTE RD	IREDELL COUNTY

Owner Information	Applicant Information
Name: TRIWALL ACRES LLC	Name: TRIWALL ACRES LLC
Address:	Address: 147 TROY MILL RD
	HAMPTONVILLE, NC 27020
Phone:	Phone: (704)280-4321

Use Requested	Zone Code
Double-Wide Mobile Home	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
1.788	35	35	15	15	WSIII-BOW Hunting Creek	NO

Remarks

doublewide/need disc

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.

Date: 04/08/2022

Signature of Owner/Contractor

Permit Number	327559	TOTAL FEES:	$77.25