ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 327556

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

PIN # 4863 -- 40 -- 6430

APPLICANT/OWNER: Triwall Acres LLC APPLICANT ADDRESS: 160 Ebenezer Rd, Statesville

SITE ADDRESS: 114 Cornwall Rd, Harmony 28634 PHONE: 704-280-4321 ALT. PHONE –

SITE DIRECTIONS: 901 - Winthrop - Crater - Cartwright - Trivette - Cornwall SAP CONTROLLED: ☐ YES ☒ NO

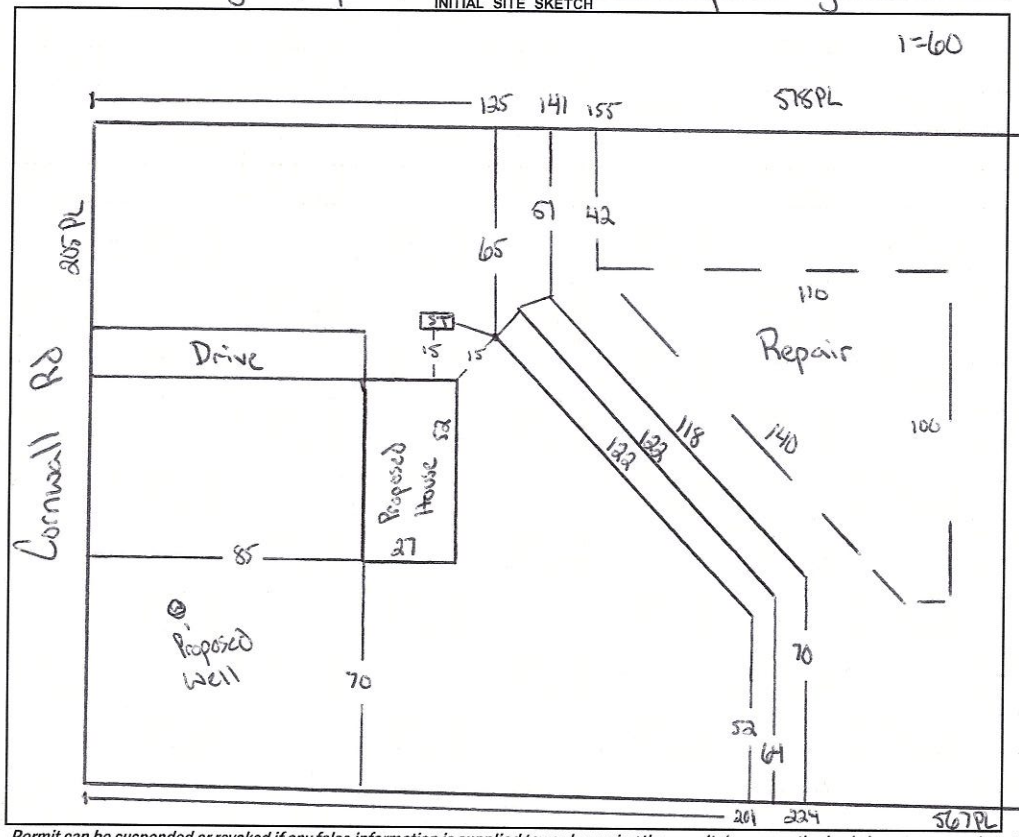
SUBDIVISION: Triwall Acres SECTION: – LOT# 6 LOT AREA: 2.598 acres DESIGN FLOW: 360 gpd L.T.A.R.: .25

Septic Tank	1000	(gal)	STB	B 521	Date	3-23-2022	☒ 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	3		Linear Ft	360	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36 in	Trench Bottom Depth ~~(Low side)~~			at	36"	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: Do not exceed 36 inch trench bottom. Install lines on contour with the land. Utilize serial distribution. Do not grade, park, or drive on septic system.

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.

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: Timothy Austin May Date: 5/6/2022 Installed by: A-1 BACKHOE

IMPROVEMENT PERMIT by: Cory Wil Date: 4/28/22 OPERATION PERMIT by: Burgent C. White Date: 6-2-2022

AUTHORIZATION TO CONSTRUCT by: Cory Wil Date: 4/28/22 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 #: 4863465613C
COUNTY: Iredell

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

OWNER: Triwalls Acres LLC
ADDRESS: 1100 Ebenezer Rd, Statesville
PROPOSED FACILITY: 3 BR/2 home PROPOSED DESIGN FLOW (.1949): 360 gpd
LOCATION OF SITE: 1114 Cornwall Rd, Harmony 28634
APPLICATION DATE: 3/8/22
DATE EVALUATED: 4/25/22
PROPERTY SIZE: 2.598 acres
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	Linear 6%	0 - 9	PLOW FILL		Yellow/Brown in C layer	52	—	—	.25 PS
		9 - 15	SCL SBK	SS SP FR SE					
		15 - 31	C SBK	↓					
		31 - 52	CL SBK	↓					
2	Linear 5%	0 - 9	FILL		Yellow/Brown in C layer	48	—	—	.25 PS
		9 - 16	SCL SBK	SS SP FR SE					
		16 - 27	C SBK	↓					
		27 - 48	CL SBK	↓					
3	Linear 5%	0 - 11	FILL		Yellow/Brown in C layer	52	—	—	.25 PS DEEP
		11 - 32	C SBK	SS SP FR SE					
		32 - 52	CL SBK	↓					
4	Linear 6%	0 - 11	FILL		Yellow/Brown in C layer	50	—	—	.25 Deep
		11 - 29	C SBK	SS SP FR SE					
		29 - 50	CL SBK	↓					

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

OTHER FACTORS (.1946):
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) 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)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky)
	(4)	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.

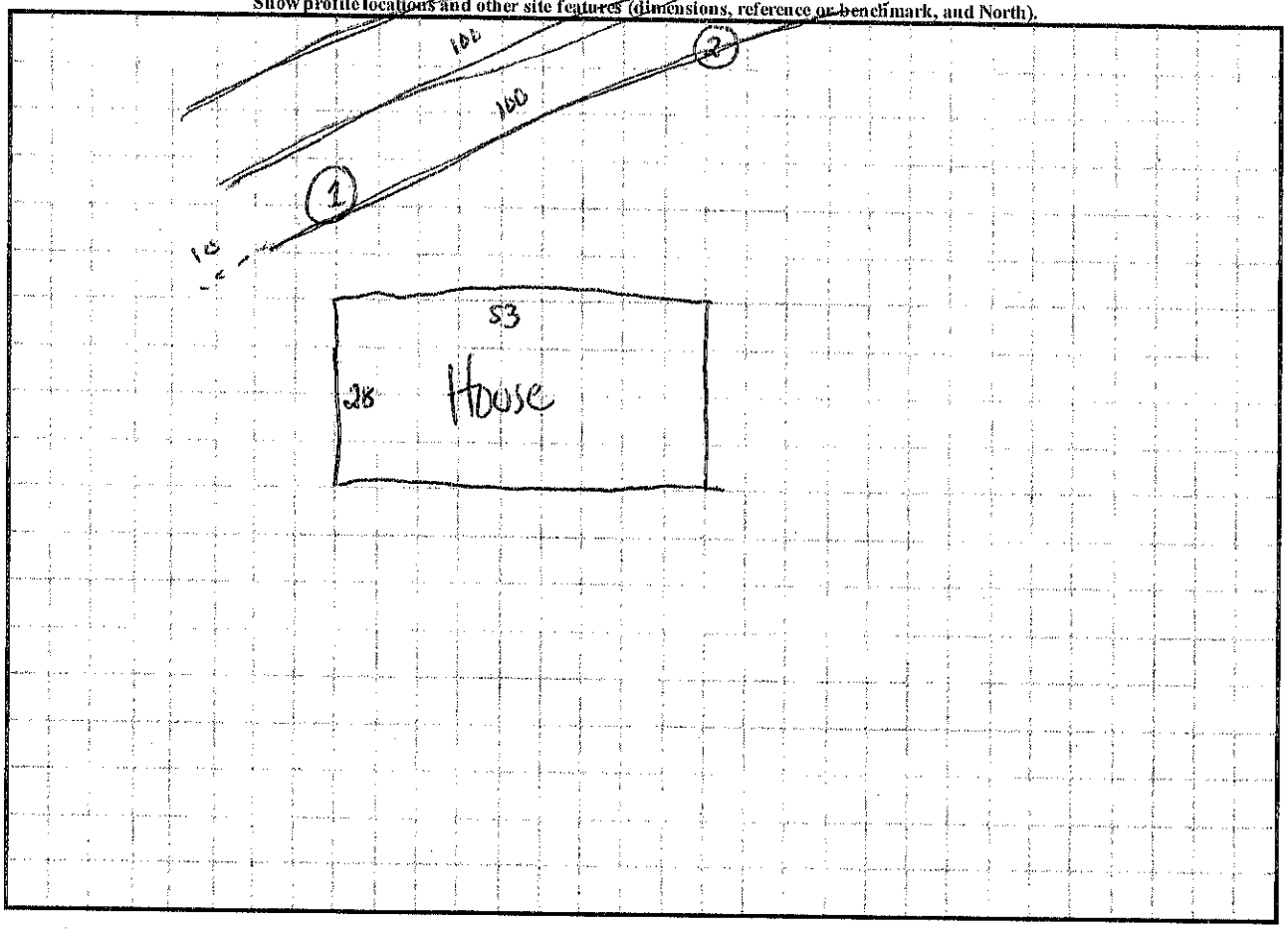
NOTES

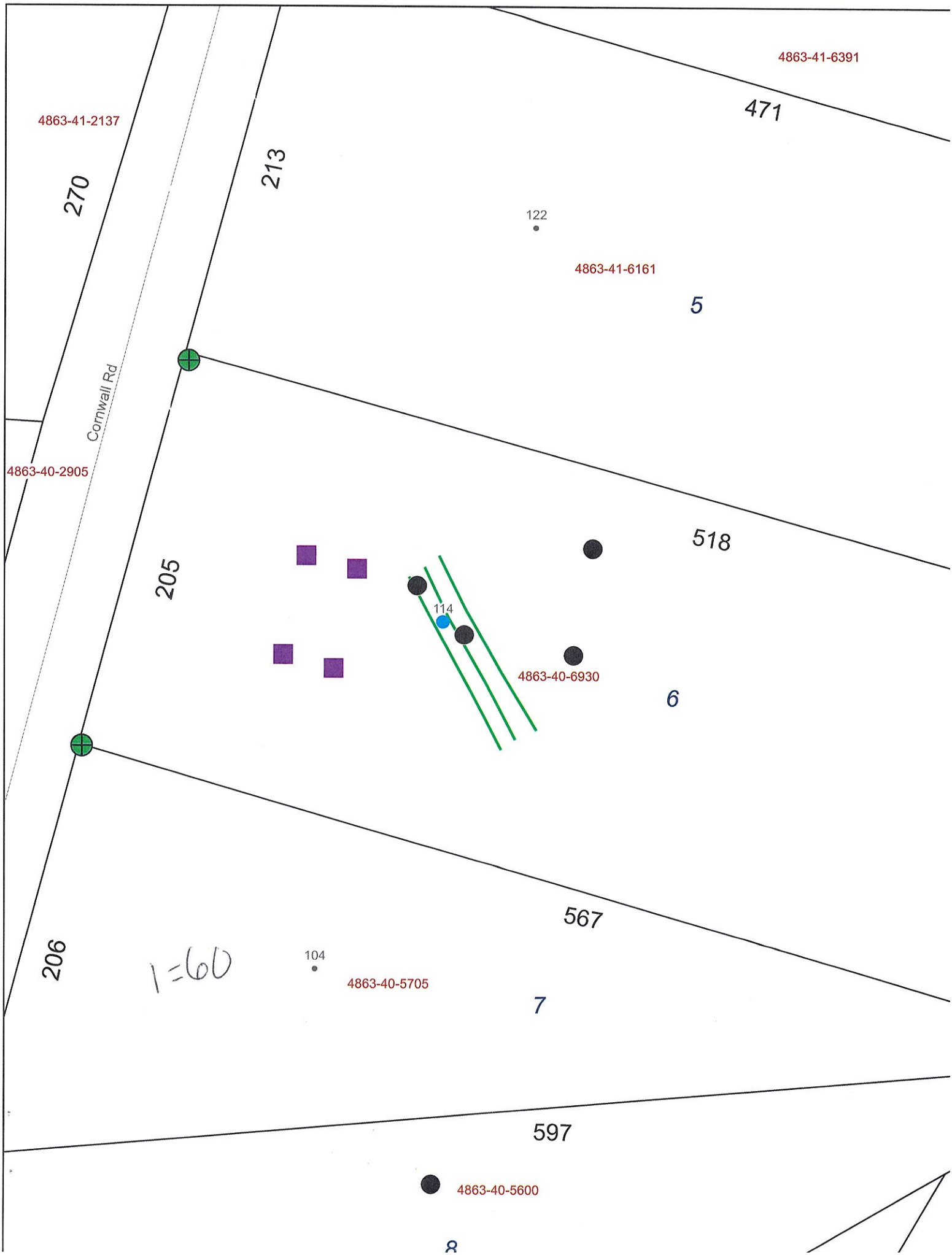
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface (3)
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from lanc surface to free water or inches from land surface to soil colors with chroma 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).




4863-41-6391
471
4863-41-2137
270
213
122
4863-41-6161
5
Cornwall Rd
4863-40-2905
518
205
114
4863-40-6930
6
567
206
1=60
104
4863-40-5705
7
597
4863-40-5600
8

RECEIVED APR 8 - 2022

AP-327556

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

Paid $500.00

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM*

Application For:
(X) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) Septic Improvement Permit (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 Ebenezer 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: 114 Cornwall Rd.
Street Address: ~~162 Trivette Road,~~ Harmony NC 28634
Subdivision Name: Triwall Acres Section/Phase: _____ Lot Number: #6
Driving Directions: I 77 N to exit 65 (901). Turn right onto 901 then in 600 ft 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 Maximum Number of Bedrooms: 3 (✓) Crawl Space Foundation
( ) New Multi-Family Residence Maximum Number of Occupants: 6 ( ) 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: _____ 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 6
(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: Justin Austin-May / A-1 Backhoe Inc 4/1/2022
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, 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) Curtis 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

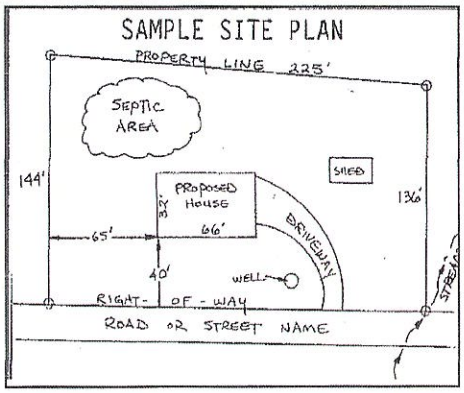
Statesville - Environmental Health
[redacted]@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

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:

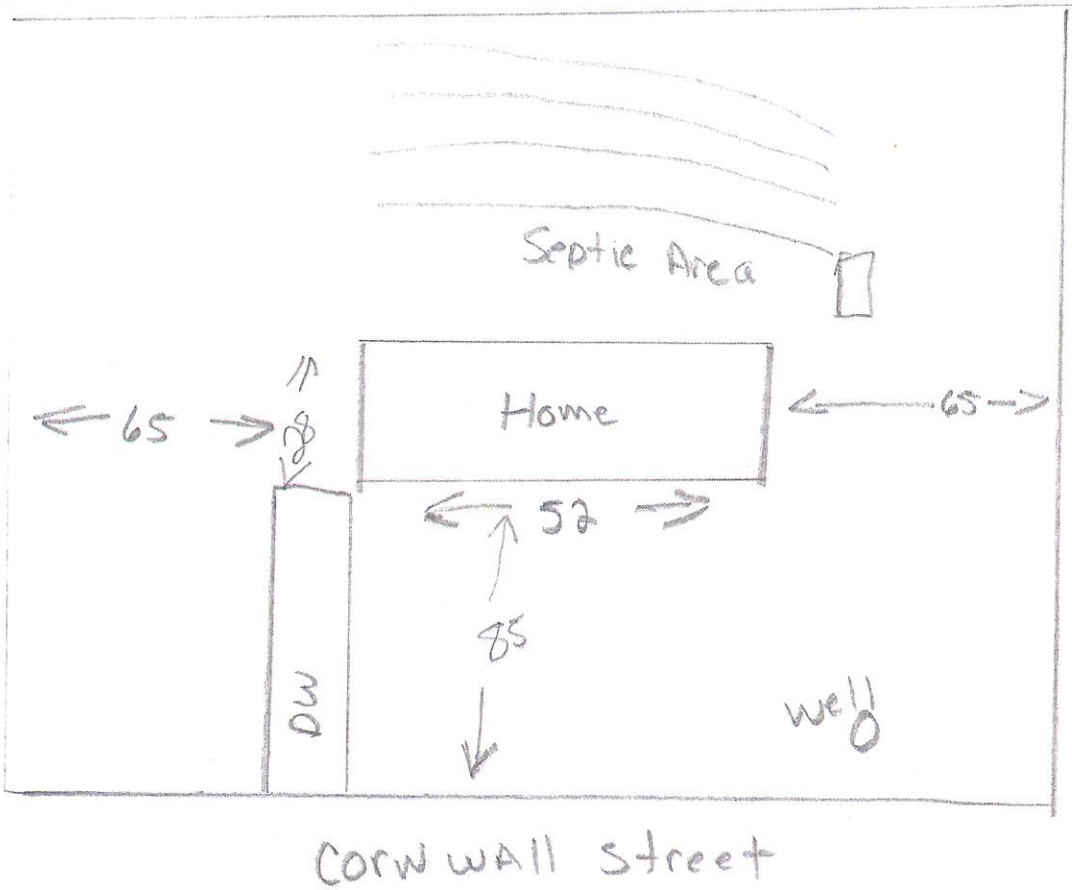
- [X] **Property Line measurements are clearly identified**
- [X] **All proposed structures are indicated**
- [X] **Front and side setbacks from property line**
- [X] **Preferred driveway location and well location**
- [X] **Area you prefer your septic system to be placed**
- [X] **North arrow, or other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

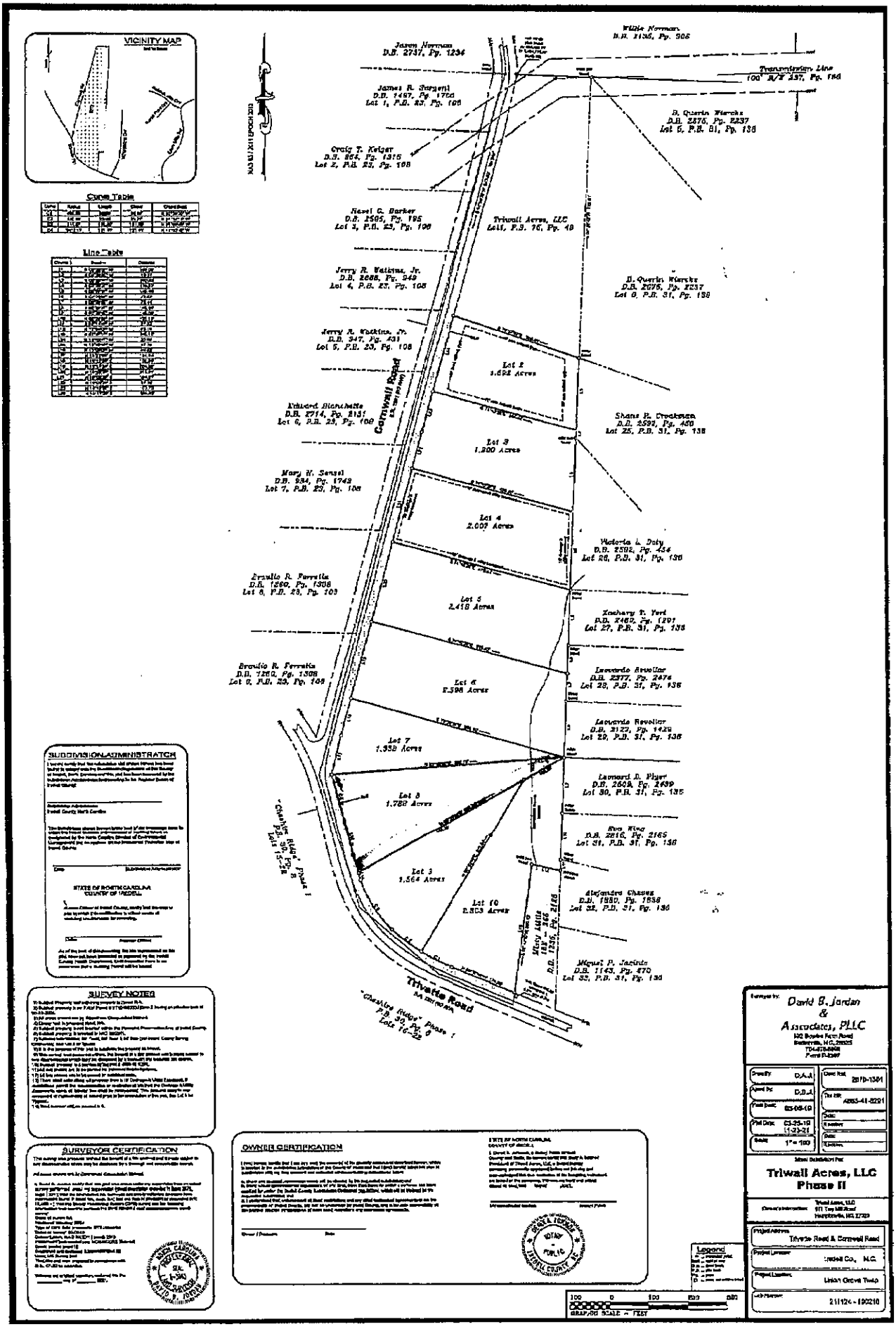
USE THIS SPACE TO DRAW YOUR SITE PLAN

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: Kristi Foster-May / A-1 Backhoe Inc
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

4/1/2022
DATE


VICINITY MAP
Curve Table
Line Table
Jason Norman D.B. 2737, Pg. 1234
Willie Norman D.B. 1135, Pg. 305
Transmission Line 100' R/W 337, Pg. 166
James R. Sargent D.B. 1467, Pg. 1760 Lot 1, P.B. 23, Pg. 108
B. Querin Warnke D.B. 2275, Pg. 2237 Lot 5, P.B. 31, Pg. 136
Craig T. Keiger D.B. 864, Pg. 1315 Lot 2, P.B. 23, Pg. 108
Hazel C. Barker D.B. 2595, Pg. 195 Lot 3, P.B. 23, Pg. 108
Triwall Acres, LLC Lot1, P.B. 76, Pg. 49
Jerry R. Watkins, Jr. D.B. 2685, Pg. 949 Lot 4, P.B. 23, Pg. 108
B. Querin Warnke D.B. 2275, Pg. 2237 Lot 6, P.B. 31, Pg. 136
Jerry R. Watkins, Jr. D.B. 347, Pg. 431 Lot 5, P.B. 23, Pg. 108
Carnwall Road
Lot 2 3.692 Acres
Edward Blanchette D.B. 2714, Pg. 2131 Lot 6, P.B. 23, Pg. 108
Shane R. Crookston D.B. 2592, Pg. 420 Lot 25, P.B. 31, Pg. 136
Lot 3 1.200 Acres
Mary N. Sensel D.B. 984, Pg. 1748 Lot 7, P.B. 23, Pg. 108
Lot 4 2.007 Acres
Victoria L. Doty D.B. 2592, Pg. 424 Lot 26, P.B. 31, Pg. 136
Ernesto R. Ferretis D.B. 1260, Pg. 1508 Lot 8, P.B. 23, Pg. 109
Lot 5 2.418 Acres
Zachary T. Yost D.B. 2462, Pg. 1297 Lot 27, P.B. 31, Pg. 136
Ernesto R. Ferretis D.B. 1260, Pg. 1508 Lot 9, P.B. 23, Pg. 108
Lot 6 2.596 Acres
Leonardo Revolier D.B. 2377, Pg. 2474 Lot 28, P.B. 31, Pg. 136
Leonardo Revolier D.B. 3122, Pg. 1429 Lot 29, P.B. 31, Pg. 136
Lot 7 1.952 Acres
Leonard D. Piper D.B. 2509, Pg. 2499 Lot 30, P.B. 31, Pg. 136
Lot 8 1.782 Acres
"Cherokee Ridge" P.B. 30, Pg. 8 Phase 1 Lot 15-R
Eva Wing D.B. 2816, Pg. 2165 Lot 31, P.B. 31, Pg. 136
Lot 9 1.564 Acres
Lot 10 2.503 Acres
Alejandro Chaves D.B. 1980, Pg. 1856 Lot 32, P.B. 31, Pg. 136
Mary Wells D.B. 1235, Pg. 2165
Miguel P. Jacinto D.B. 1143, Pg. 470 Lot 33, P.B. 31, Pg. 136
Trivette Road
"Cherokee Ridge" P.B. 30, Pg. 8 Phase 1 Lot 16-22
SUBDIVISION ADMINISTRATOR
STATE OF NORTH CAROLINA COUNTY OF IREDELL
SURVEY NOTES
SURVEYOR CERTIFICATION
OWNER CERTIFICATION
Legend
GRAPHIC SCALE - FEET
David B. Jordan & Associates, PLLC
Triwall Acres, LLC Phase II
Trivette Road & Carnwall Road
Iredell Co., N.C.
Union Grove Twp.
21112A - 190210

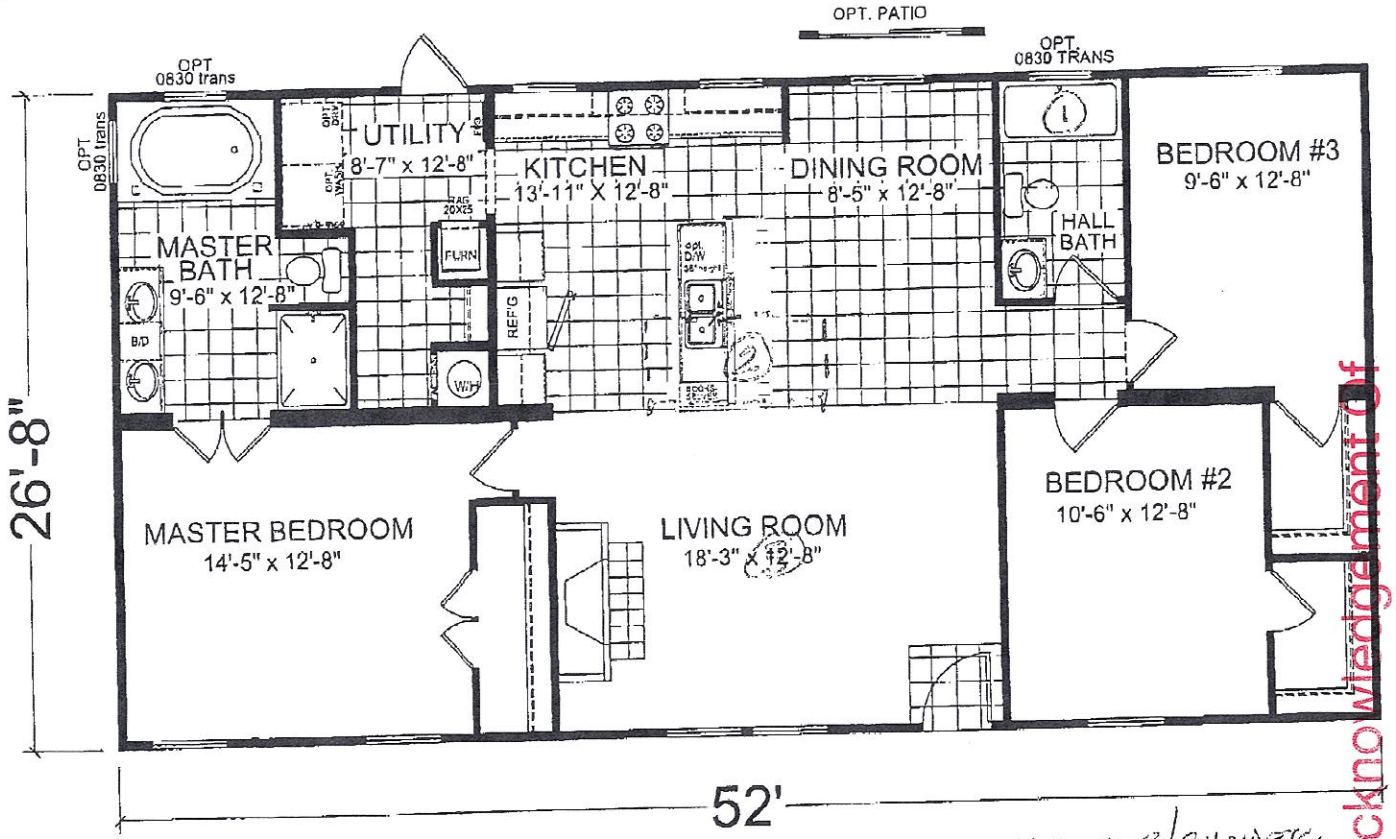
Loftin

Dutch Elite Housing Series

FactorySelectHomes

3 Bedrooms, 2 Baths
Approx. 1,387 Sq. Ft.

Last Updated: 2-14-19



Acknowledgment Of Plans Submittal ONLY!

DocuSigned by: Trivett Ltd EC723BBF34B94CE... Date 4/28/22 | 10:10 AM MST

DocuSigned by: Barry Mitchell 8C123E8F34B94CE... Date 1/25/2022 | 10:37 AM MST

(1) WALK IN FIBERGLASS SHOWER ILO TUB/SHOWER
(2) TBD - TURN AROUND TO FACE L/R.
(3) TBD - CLNG FAN PREP IN LIVING ROOM

I authorize Factory Expo Homes to build my house, per this plan.

X _____
Customer Signature/Date



1480 Northside Drive
Statesville, NC 28625

For Detailed Directions See Map On Our Website

1-800-965-6842 www.FactorySelectHomeCenter.com 1-800-965-6842 www.FactorySelectHomeCenter.com

Important; Due to our policy of continuing improvement, all information in our brochures may vary from actual home. The right is reserved to make changes at any time, without notice or obligation, in colors, materials, specifications, processes, and models. All dimensions and square footage calculations are nominal and approximate figures. Please check with your sales person for specific and current information.

DocuSign Envelope ID: 7645CDC7-5F77-4243-B81F-300ED96E8F3D

IREDELL COUNTY · NC

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

APPLICATION NUMBER
327556 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4863406930.000	114 CORNWALL 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
2.598	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	327556	TOTAL FEES:	$77.25