ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 | Mooresville Office (704) 660-3625

MANF- 2024-483.19

PERMIT # OSWP 2024-46477

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

PIN # 4842-31-2284

APPLICANT/OWNER: BRIAN FINK | APPLICANT ADDRESS: 240 Trumpet Branch Rd, Olin NC 28660

SITE ADDRESS: 240 Trumpet Branch Rd Olin NC 28660 | PHONE: 704 929 1552 | ALT. PHONE —

SITE DIRECTIONS: Hwy 21 N → (L) Jennings → (L) Trumpet Branch Rd | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: White | SECTION: — | LOT # TR 1 | LOT AREA: 10 | DESIGN FLOW: 360 | L.T.A.R.(Initial): 0.275 | L.T.A.R (Repair): 0.25

Septic Tank	1000 (gal)	STB	76.0	Date	1-21-24	☒ 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 6
Pump Make		Model		Serial #		Repair System Description:	Gravity 25% Reduction	☐ Other	No. Employees —
# Nitrification Fields	1	# Lines	4	Linear Ft	328	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab	☒ Crawl Space
Trench Width	36"	*Max. Trench Depth(Initial)	32"	*Max. Trench Depth(Repair)	32"	Gravel Depth	—	☒ GRAVITY	☐ PRESSURE

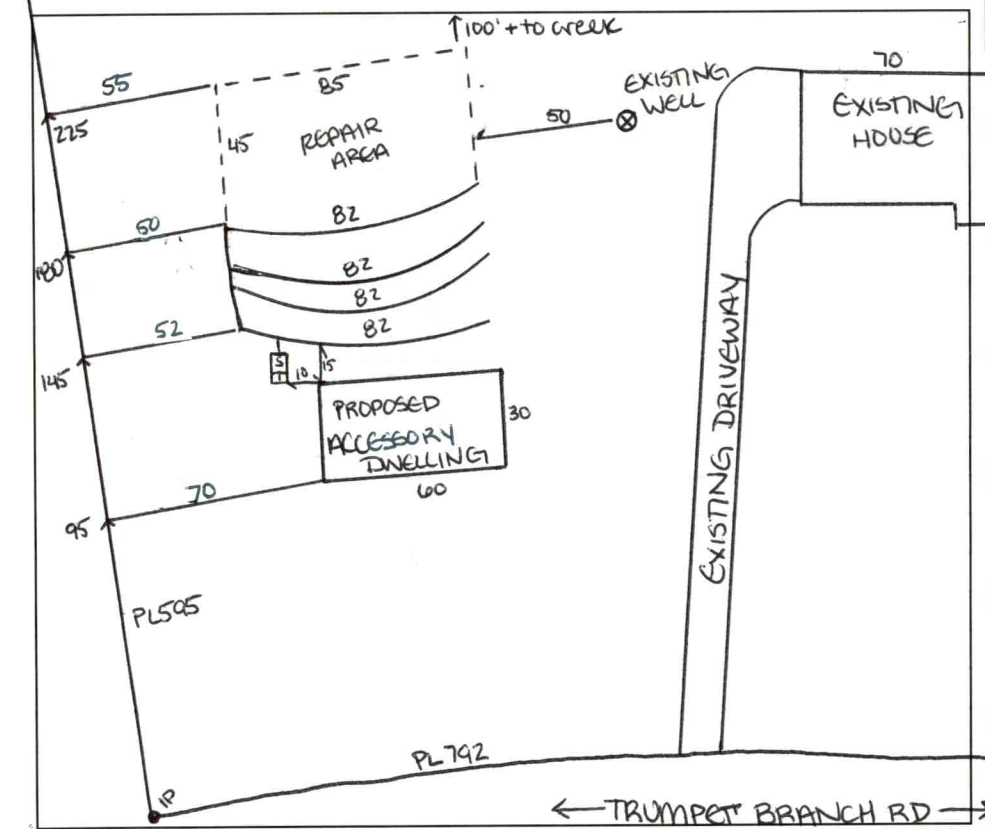
☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☒ Public ☐ Community

* Measured on the downhill side of the trench | Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40 | Usable Depth to LC (Initial): 48" | Usable Depth to LC (Repair): 48" | *Limiting Condition*

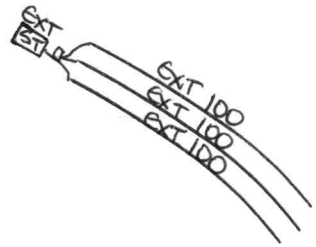
Comments / Conditions: Install on contour 9' on center. Utilize serial distribution. Keep 50' from existing well. Do not grade, pave, park, drive over septic area. See attached floorplans

INITIAL SITE SKETCH

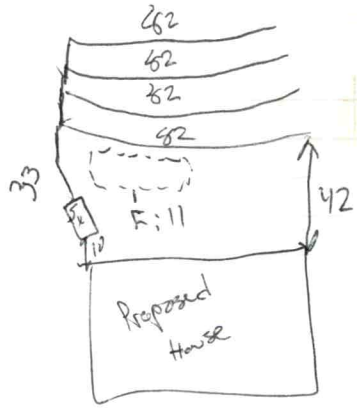


AS BUILT SKETCH

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.



PROPERTY CONTINUES



First 2 lines installed where line 3 & 4 are located

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 | Date: — | Installed by: Steve Jordan

IMPROVEMENT PERMIT by: Sarah Williams | Date: 2/21/2024 | OPERATION PERMIT by: Matt Wilkie | Date: 3/8/24

AUTHORIZATION TO CONSTRUCT by: Sarah Williams | Date: 2/21/2024 | Existing System Inspected by: | Date:

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? _____	

PERMIT SNAPSHOT REPORT OSWP-2024-46477 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	02/06/2024
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Bracken, Sarah	**Approval Expire Date:**	

Description: accessory dwelling new doublewide home on same parcel as 238 trumpet branch for mother in law (Robin's mother)

Parcel: 4842312284.000 Main	**Address:** 240 Trumpet Branch Rd Olin, NC 28660 Main 240 Trumpet Branch Rd Olin, NC 28660	**Zone:** RA(Residential Agricultural District)

Property Owner
brian fink
Home: (704) 560-6180

Applicant/Authorized Agent
CLAYTON HOMES #72
2026 NORTHSIDE 2026 NORTHSIDE DR
STATESVILLE, NC 28677
Mobile: (704) 929-1552

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Authorization to Construct, Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	56x28 home with 2 6x6 decks
What are the proposed structures	Manufactured Home	Type of New Single-Family Residence	Mobile Home	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	1	Foundation Type	Crawl Space Foundation
Water Supply	Other Public Water	Desired Septic System Type	Conventional (most common)	Has this project been approved by TRC	No
Lot Acreage	10	Front Setback	35	Back Setback	35
Left Setback	15	Right Setback	30	Zoning Permit Issued Date	Feb 9 2024 12:00AM
Zoning Permit Expiration Date	Aug 7 2024 12:00AM	Is the structure or development in the floodplain	No	Is the property in a local historic district?	No
Is the property located downtown?	No	Zoning Notes/Addendums	R8 Accessory Mobile Home An accessory mobile home is a manufactured home permitted on the same parcel as a stick-built or modular home, but that is clearly incidental and subordinate to the principle building. A. Only one accessory Class A or B mobile home shall be permitted per lot or parcel. B. The lot or parcel shall contain sufficient land area for the principal		residential structure and the accessory mobile home to be considered independent principal dwelling units with both individually meeting the minimum lot size and required setbacks. An imaginary lot line shall be assumed between the structures. C. The accessory mobile home shall be occupied only by the following categories of persons: 1. Any relative including

in-laws, under the civil law of the first, second, or third
degree of consanguinity to the head of the household owning and occupying
the principal dwelling on the lot, or to the spouse (whether living or deceased) of
the head of the household; or
2. A son or daughter by legal adoption or the adoptive parents of the household or
of his spouse (whether spouse is living or deceased).
D. Any other residential occupancy of the structure is NOT permissible and is a violation
of this ordinance unless a formal legal subdivision of the parcel takes place.
E. The mobile home shall meet the requirements of R 9 or 10.
(amended 7/17/12, TA-2012-01) ok per Jake 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 more than 20 degrees from parallel to the front property line. Original mobile home must be removed before Certificate of Occupancy can be approved.

Additional Unique Setbacks Apply	Yes	Watershed	NOT IN A WATERSHED

Type of Hold	Created By	Date Created	Hold Origin	Comments	Active

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

PROPERTY ID #: 4842-31-2248
COUNTY: IREDELL

SOIL/SITE EVALUATION *for* ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: BRIAN FINK / Clayton Homes #72 DATE EVALUATED: 2/19/2024
ADDRESS: 2026 Northside Dr Statesville NC 28677
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.0400): 360 PROPERTY SIZE: 10 AC
LOCATION OF SITE: 240 Trumpet Branch Rd Statesville NC 28625 PROPERTY RECORDED: Y
WATER SUPPLY: (Public) Single Family Well Shared Well Spring Other — WATER SUPPLY SETBACK: 10
EVALUATION METHOD: Auger Boring (Pit) Cut TYPE OF WASTEWATER: (Domestic) High Strength IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
1	LS 7-9% I	0-16	CL FILL	MIXED	few YB in C 30"-34" 10 YR 5/6 + 5/8	(65)		—	S 0.275 FILL REMOVED	4"
		16-23	CL WABK	SS SP SE FR						
		23-34	C SABK	S P SE FR						
		34-65	CL ABK	SS SP SE FR	Heavy SAP in CL beginning @ 38" Quartz fragments throughout					
2	HS 7-9% R	0-12	CL DIST	MIXED	few YB in C 30-34" 10 YR 5/4 + 4/6	(53)		—	S 0.25	4"
		12-34	C ABK	S P SE FR						
		34-53	CL WABK	SS SP SE FR	few iron concentrations in CL few SAP/ mica in CL					
3	LS 7-9% I	0-11	CL FILL	MIXED	few YB in C 34"-37" 10 YR 5/6 + 5/8	(53)		—	S 0.275	4"
		11-17	CL WABK	SS SP SE FR						
		17-37	C ABK	S P SE FR						
		37-53	CL WABK		Quartz fragments throughout few SAP incl in CL					
4	LS 7-9% R	0-10	CL SBK	SS SP SE FR		(57)		—	S 0.3	4"
		10-33	C ABK	SS SP SE FR						
		33-57	CL WABK	SS SP SE FR	few SAP incl in CL					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	328	360
System Type(s)	G 25%	25%
Site LTAR	0.275	0.25
Maximum Trench Depth	32"	32"

SITE CLASSIFICATION (.0509): S 0.275
EVALUATED BY: S. Williams
OTHER(S) PRESENT: —

Comments:

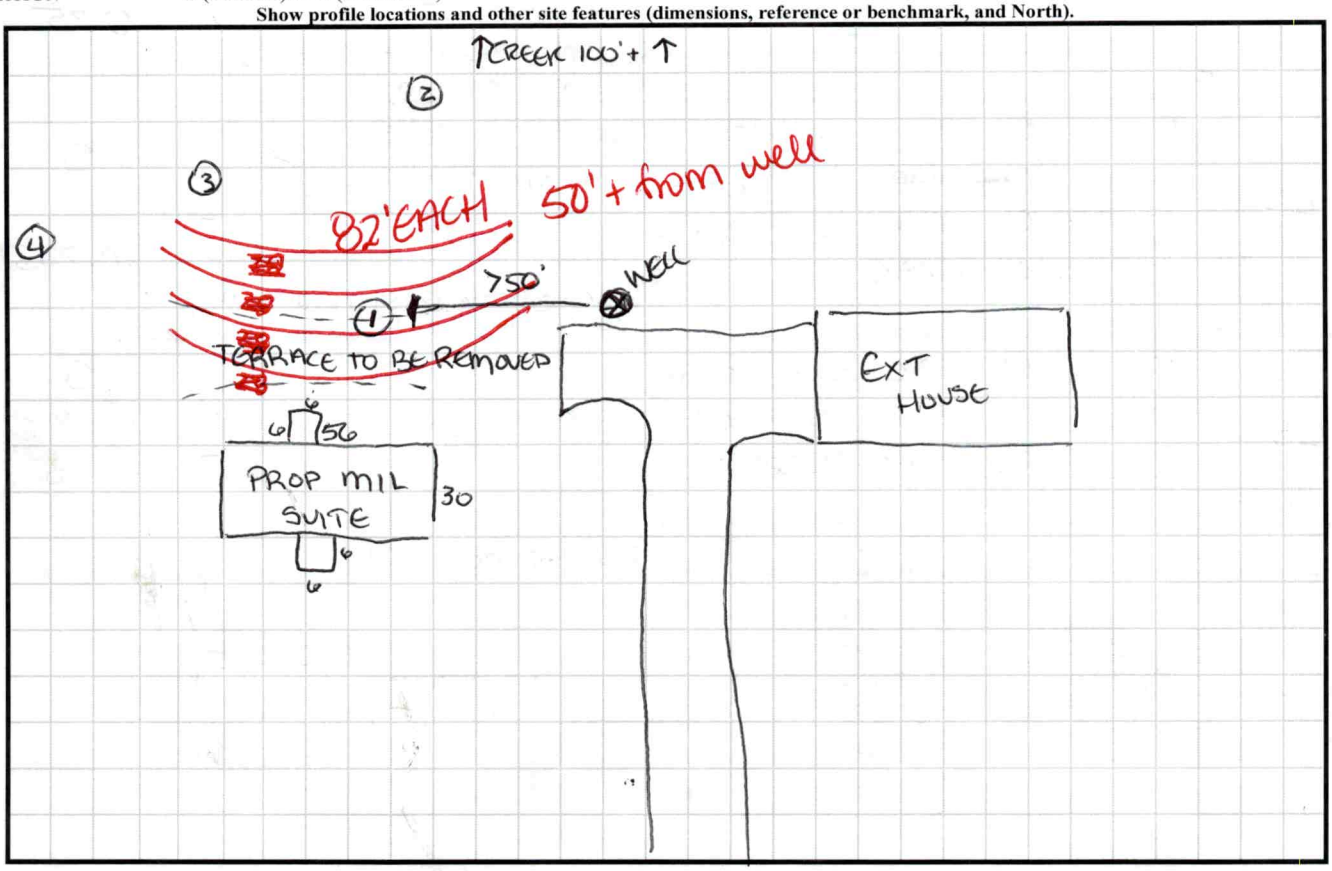
LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

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); Evaluation of saprolite shall be by pits.
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) or U (Unsuitable)

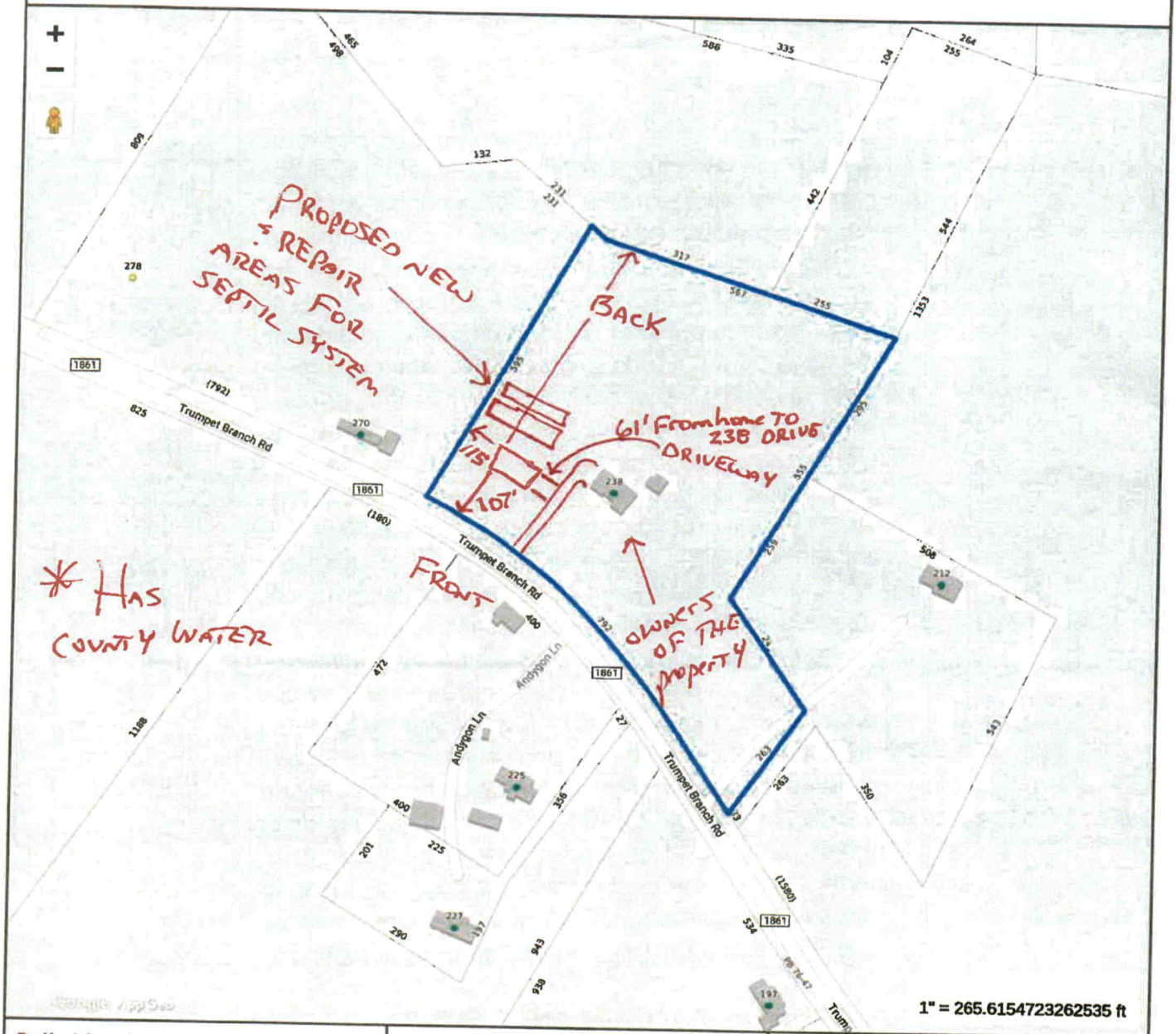
Show profile locations and other site features (dimensions, reference or benchmark, and North).



Iredell County, North Carolina

SITE PLAN

February 2, 2024



Tax Map Information

• PIN	4842312284.000
• Address	238 TRUMPET BRANCH RD
• Account #	Acct 80077943
• Tax Owner	FINK BRIAN K
• Mailing Address	238 TRUMPET BRANCH RD
•	OLIN, NC 28660
• GIS Owner	FINK BRIAN K+ROBIN M
• Deed Info	2765 / 289 - WD - 20201218
• Tax Acres	10 AC
• Lot #	TR1
• Description	WHITE
• Zoning	RA
• Old Parcel #	0516G00000A102
• Bldg Value	$327,850
• OBXF Value	$5,780
• Land Value	$88,200
• Total Value	$421,830
• Defer Value	$0
• Tax Districts	-ALLCNTY FIRE- -

IREDELL

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 11/15/2023
Data updated 11/14/2023

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

Select the property address and then the R8 permit.
Follow the rules below

Any questions you can call the Permit Center
704-878-3113

R8 Accessory Mobile Home
Accessory MH to be minimum 70' from primary home.
An accessory mobile home is a manufactured home permitted on the same parcel as a stick-built or modular home, but that is clearly incidental and subordinate to the principle building. A. Only one accessory Class A or B mobile home shall be permitted per lot or parcel. B. The lot or parcel shall contain sufficient land area for the principal residential structure and the accessory mobile home to be considered independent principal dwelling units with both individually meeting the minimum lot size and required setbacks. An imaginary lot line shall be assumed between the structures. See Figure 3.1. C. The accessory mobile home shall be occupied only by the following categories of persons: 1. Any relative including in-laws, under the civil law of the first, second, or third degree of consanguinity to the head of the household owning and occupying the principal dwelling on the lot, or to the spouse (whether living or deceased) of the head of the household; or 2. A son or daughter by legal adoption or the adoptive parents of the household or of his spouse (whether spouse is living or deceased). D. Any other residential occupancy of the structure is NOT permissible and is a violation of this ordinance unless a formal legal subdivision of the parcel takes place. E. The mobile home shall meet the requirements of R 9 or 10. (amended 7/17/12, TA-2012-01)

<image001.png>


4842-21-6675
595
4842-31-2284
240
238
4842-20-6354
Trumpet Branch Rd
4842-20-9831
400
792
SCALE 1": 60'

Score 1.:00,

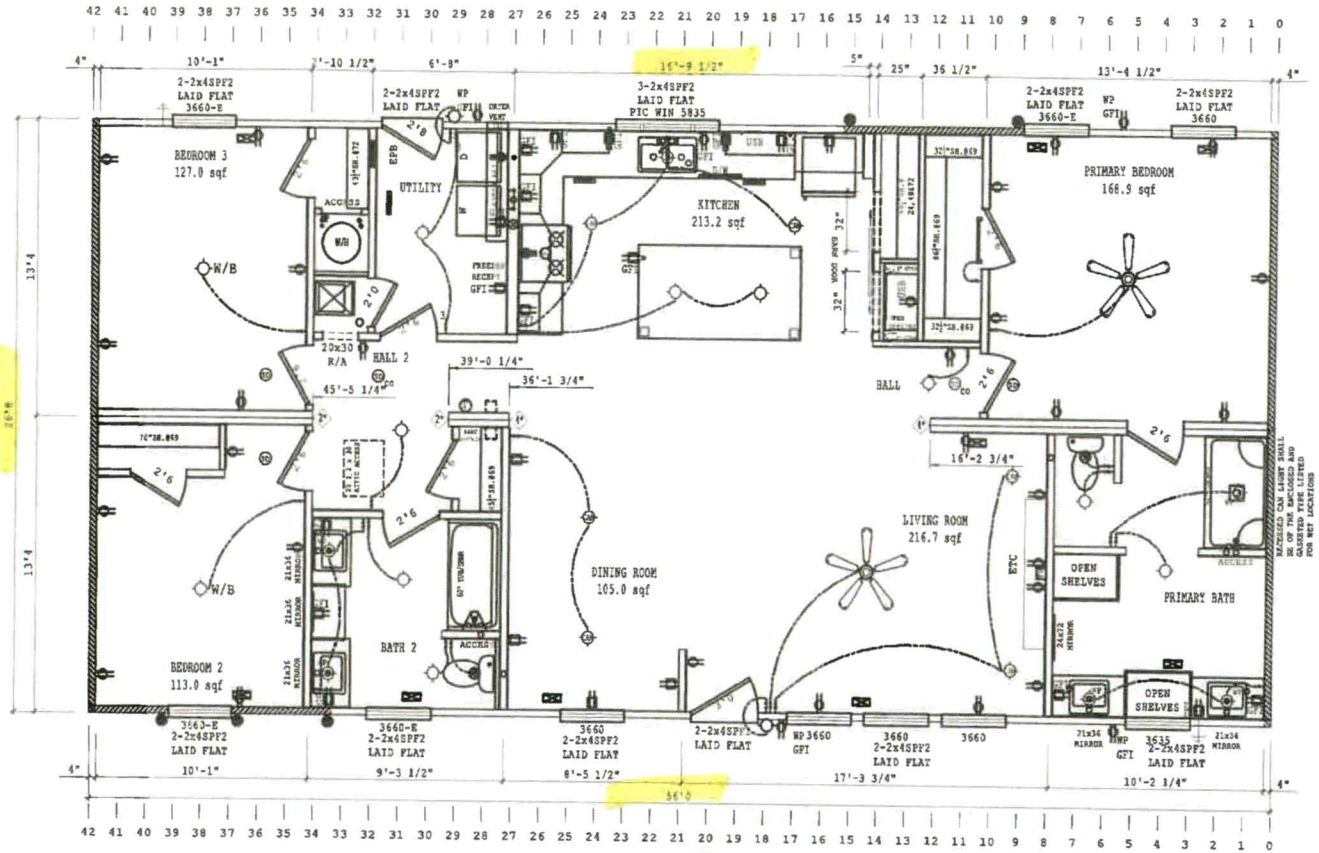
2/2/24

* ACCESSORY DWELLING

NEW 56X28 DOUBLEWIDE

INSULATION DONE PER THE NORTH CAROLINA
2018 PRESCRIPTIVE METHOD
C24: R=38 CEILING R=15 WALLS R=22 FLOOR
U = 0.35 / SHGC = 0.28

28' eve to eve



A-SECTION HITCH END

B-SECTION HITCH END

271"EW/ 94"SW
195PLF EFFECTIVE LENGHTS
BASED ON SW-31.10._.1a.C.17._.78.1-2
ENGINEERED METHOD.
UNBLOCKED DIAPHRAGM SW-20-237B.1
90 MPH WIND SPEED

RIDGE BEAM PER:RC-60.3.R.G.M._.20
COLUMNS PER: MW-20.3.R.G.M.48.20
SIDEWALL HEADERS PER:
EW-20.3.R.G.C.22.20 (90MPH) (C25-22.20-1)

RETURN AIR REQUIREMENTS
(1) 20"x30" GRILL REQUIRED
(2) 6"x10" GRILL W/ 2 1/2" DOOR UNDERCUT
(3) DOOR(S) MUST BE UNDERCUT 2 1/2" MIN.
(4) 6"x26" OR 6"x14" GRILL REQUIRED

● INDICATES FREE END SHEAR WITH BLOCKING

◇ THIS * SPECIFIES THAT THERE CAN BE NO HOLES IN STUDS IN COLUMNS

BRAND	SERIES
SCHULT	CL28

CLAYTON HOME BUILDING GROUP

REVISIONS	BY	DATE

GENERAL NOTES

CEILING HEIGHT = 96.00

DRAWING TITLE

PRIMARY PLAN-NC
FURNACE 3610

MODEL NAME			SQ. FT.
M780M			1493
PLANT	DESCRIPTION		MODEL NO.
958	28X56 3BR-2BA		SN254485
DRAWN BY	ORIG. DATE	DATE PRINTED	SHEET NO.
LSS	02/13/2023	02/14/2023	1-1