ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 2032 - 7725

MANF 2023-156360

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM / Expansion PIN # 4779 -- 71 -- 4884

APPLICANT/OWNER: Freedom Homes APPLICANT ADDRESS: 1124 Charlotte Hwy, Troutman, NC 28166

SITE ADDRESS: 105 Northfield Rd, Statesville, NC 28625 PHONE: (704) 881-2326 ALT. PHONE (704) 902-5446

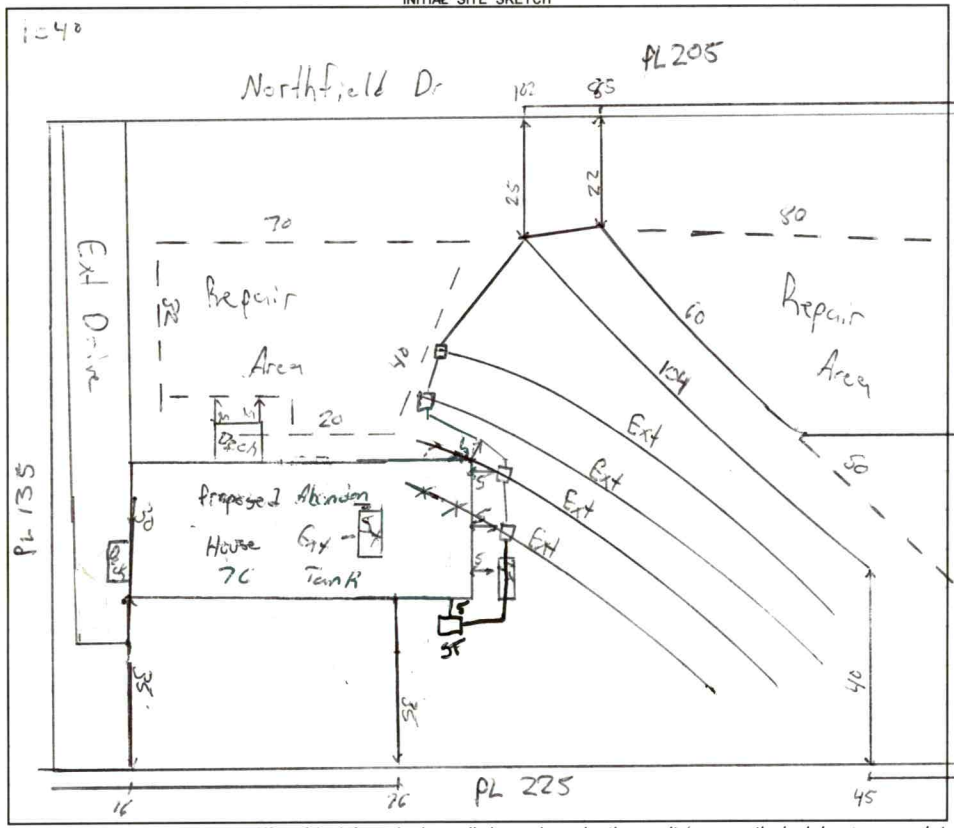
SITE DIRECTIONS: ① Stockton St, ② US-64E, ③ River Hill Rd, ④ River Hill Rd, ⑤ Southway Ln, ⑥ Northfield SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Coolwood SECTION: P2 LOT # 49 LOT AREA: .7 Ac DESIGN FLOW: 480 L.T.A.R.: .3

Septic Tank	1000 (gal)	STB	760	Date	4/16/23	☐ New System	☐ Repair	☑ Expansion	System Type: I II III IV V VI	☑ Residence	No. Bedrooms 4	Water Supply
Pump Tank	(gal)	PT		Date		System Description:	Ext + 25% Reduction			☐ Business	No. Persons 8	☐ Private
Pump Make		Model		Serial #		Repair System Description:	50% Reduction Horizontal			☐ Other	No. Employees	☑ Public *
# Nitrification Fields	1	# Lines	EX +2	Linear Ft	Ext +164	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space	☐ Community
Trench Width	36in	Trench Bottom Depth	36in max	Gravel Depth	N/A		☑ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing		☐ Basement w/o plumbing

Comments / Conditions: Tap two lines will need to be cut off so they can stay 5ft from new house. Use drop boxes at the end of each existing line. Existing tank needs to be pumped, crushed, filled. Last line was getting majority of the effluent during inspection with the other lines being dry. Place on contour with 9ft on centers from bottom line. Do not drive, park, or construct 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.

Installed as drawn (tank shown on initial).

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: Craig Thompson

IMPROVEMENT PERMIT by: Matt Weir Date: 1/25/23 OPERATION PERMIT by: Sarah Bracken Date: 5/26/23

AUTHORIZATION TO CONSTRUCT by: Matt Weir Date: 1/26/23 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? _____	

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

Sheet 1 of 1
PROPERTY ID #: 47777 / 4884
COUNTY: Iredell

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

704 902 5446

OWNER: Freedom Homes
ADDRESS: 1124 Charlotte Hwy, Troutman, NC 28166
PROPOSED FACILITY: SFR
LOCATION OF SITE: 105 Northfield Dr
APPLICATION DATE: 10/24/22
DATE EVALUATED: 1/24/23
PROPERTY SIZE: .7AC
PROPERTY RECORDED: yes
PROPOSED DESIGN FLOW (.1949): 480

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	Linear 7%	0-11	SCL SBK	SS SP SE FR	-	52	-	-	PS 0.3
		11-30	C ABK	S P SE FR					
		30-52	CL SBK	SS SP SE FR					
2	Linear 6%	0-10	SCL SBK	SS SP SE FR	-	53	-	-	PS 0.3
		10-29	C ABK	S P SE FR					
		29-53	CL SBK	SS SP SE FR					
3	LS 3%	0-25	C SBK	S P fr SE	-	50	-	-	PS .3
		25-50	CL SBK	SS SP fr SE					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400	400
System Type(s)	Gravel + 25%	25%
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matthew W
OTHER(S) PRESENT: Sarah B, Cory W

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.

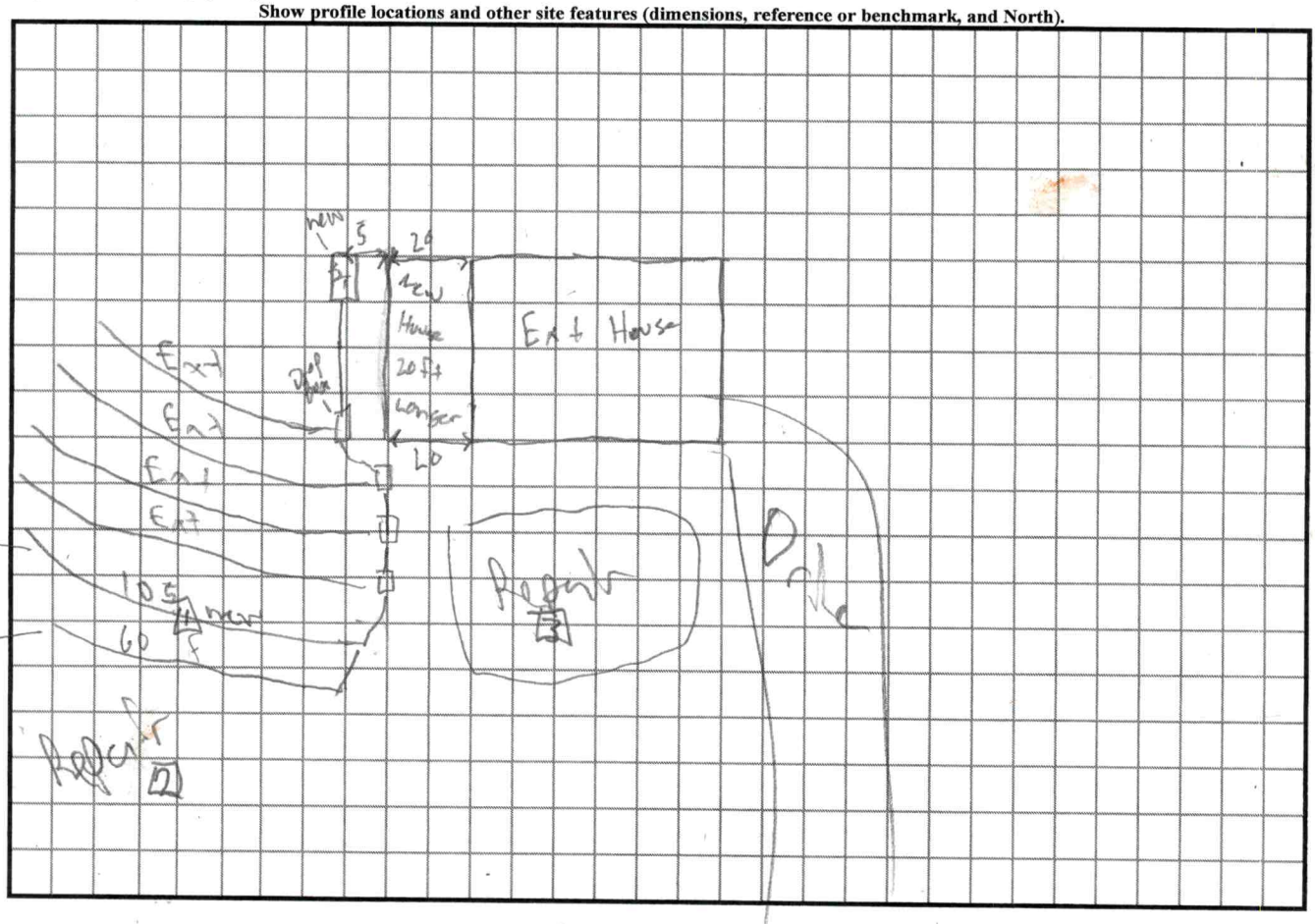
NOTES

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/ft^2

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



for addition

for what is cutoff

New House (60 x 30)

Northfield

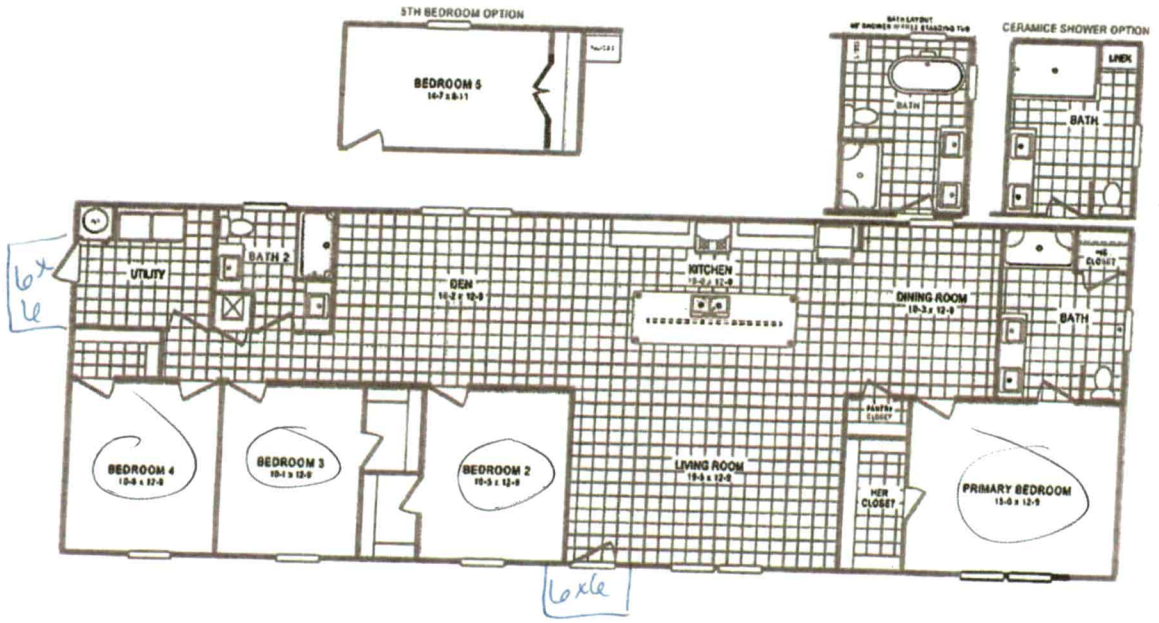
old tank under addition Pump, crush, fill

Updated February 2014

The Franklin

TURNER
4 B-R
28x76
Kimberly Bryk 10-14-22

★ Home will be flipped end to end



Acknowledgement Of
Plans Submittal ONLY!

Date 1/26/23

Date

IREDELL COUNTY HEALTH DEPARTMENT

STATESVILLE 704-878-5305 MOORESVILLE 704-664-5281

IMPROVEMENT PERMIT / CERTIFICATE OF COMPLETION / OPERATION PERMIT / EXISTING SYSTEM INSPECTION

PROPERTY DESCRIPTION NO 23004 DATE 2/13/96 TAX MAP NO 11C-2-A-49 Watershed: Yes / No

OWNER OR CONTRACTOR Anthony TAGNER PHONE. Business Home 871-8605

ADDRESS PO Box 5084 Statesville NC 28687

LOCATION 64 E LF on River Hill, Rt of Stop Sign Rt on Southway, At Corner on North Field

SUBDIVISION Cool Springs (Book & Page) 2 LOT 49 LOT AREA 125X215 SITE CLASS P3 DESIGN FLOW 360gpd L.T.A.R. 0.3 gpd/ft²

Septic Tank 1000 Gallons: STB S21 Date 1-3-96

Pump Tank Gallons: PT Date

Pump Make Model Serial No

Nitrification Field: No Fields 1 Square Feet 1200 Linear Feet 400

No Lines 4 Trench Width 3' Max Trench Bottom Depth 36" Gravel Depth 12"

New System / Repair System Type: I II III IV V VI

System Description: conv gravity

Repair System Description: conv gravity

Maintenance Agreement Required: Yes / No

House/Med. Home No Bedrooms 3

Mobile Home No Bathrooms 2

Business No Employees

Other

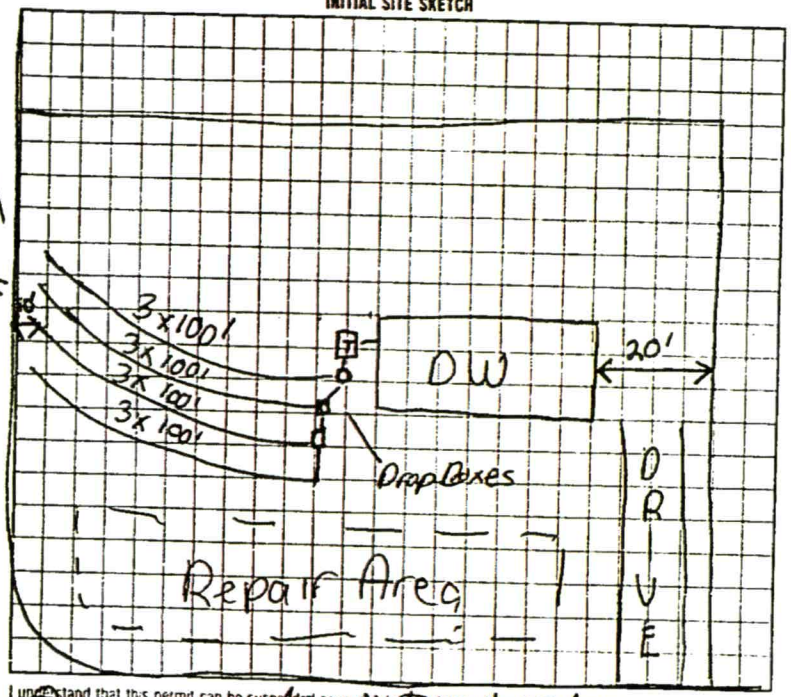
Slab / Crawl Space / Basement w/plumbing / Basement wo/plumbing

Water Supply: Individual / Community / Public

Comments: Keep System 10' from Lot Line

Comments

INITIAL SITE SKETCH



AS BUILT SKETCH

Same as initial Sketch

I understand that this 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

Owner Anthony D. Tagner

Improvement Permit by date 2/13/96

Existing System Inspection by date

Authorization To Construct

Installed by

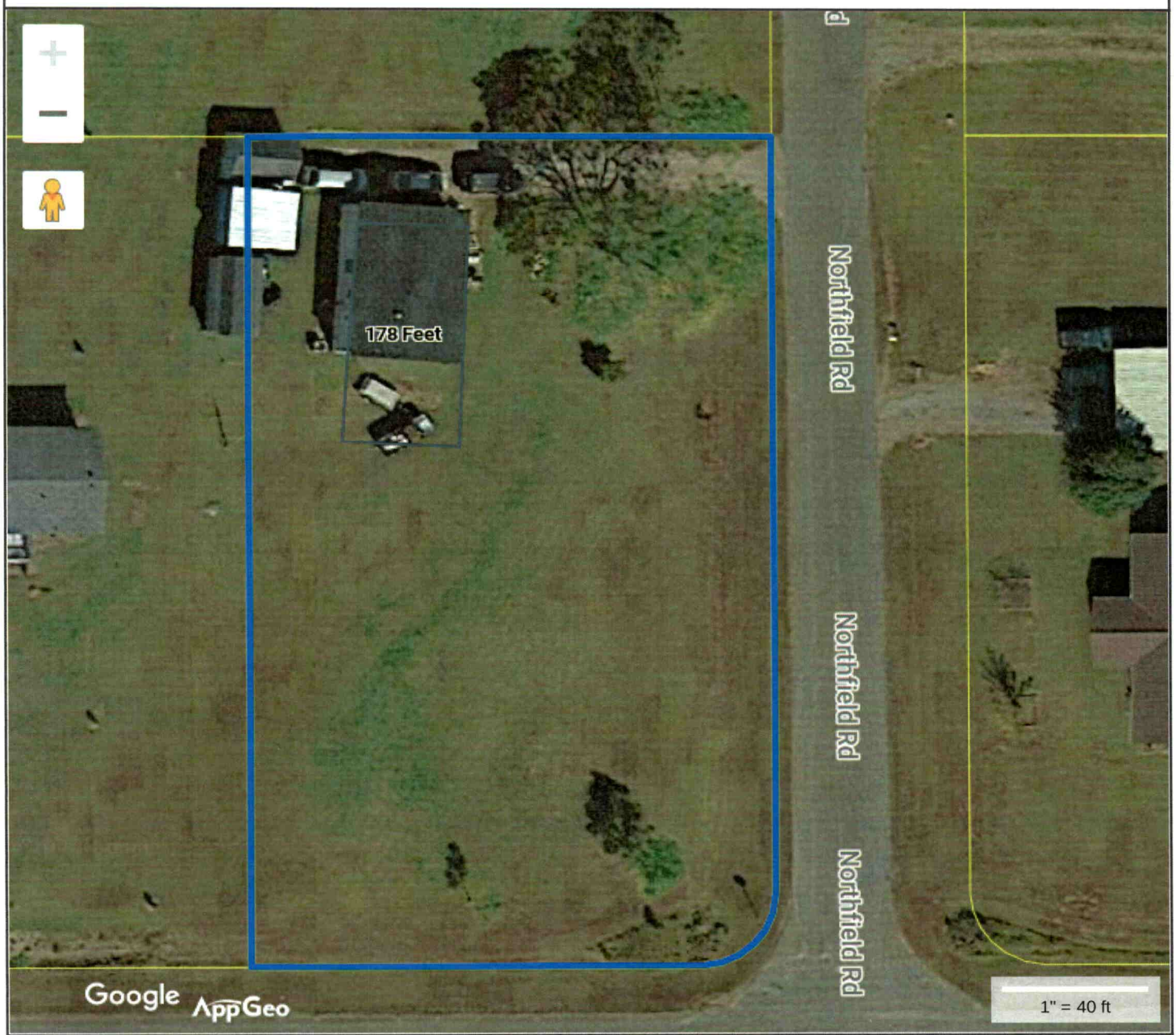
Certificate of Completion by date

Operation Permit by R. C. Moore date 2-22-96

INSPECTION COPY (FINAL) GREEN OWNER COPY (FINAL) YELLOW INSPECTION COPY (INITIAL) PINK OWNER COPY (INITIAL)

Authorization To Construct is Valid 5 years from date of issuance.

5192 00



Tax Map Information

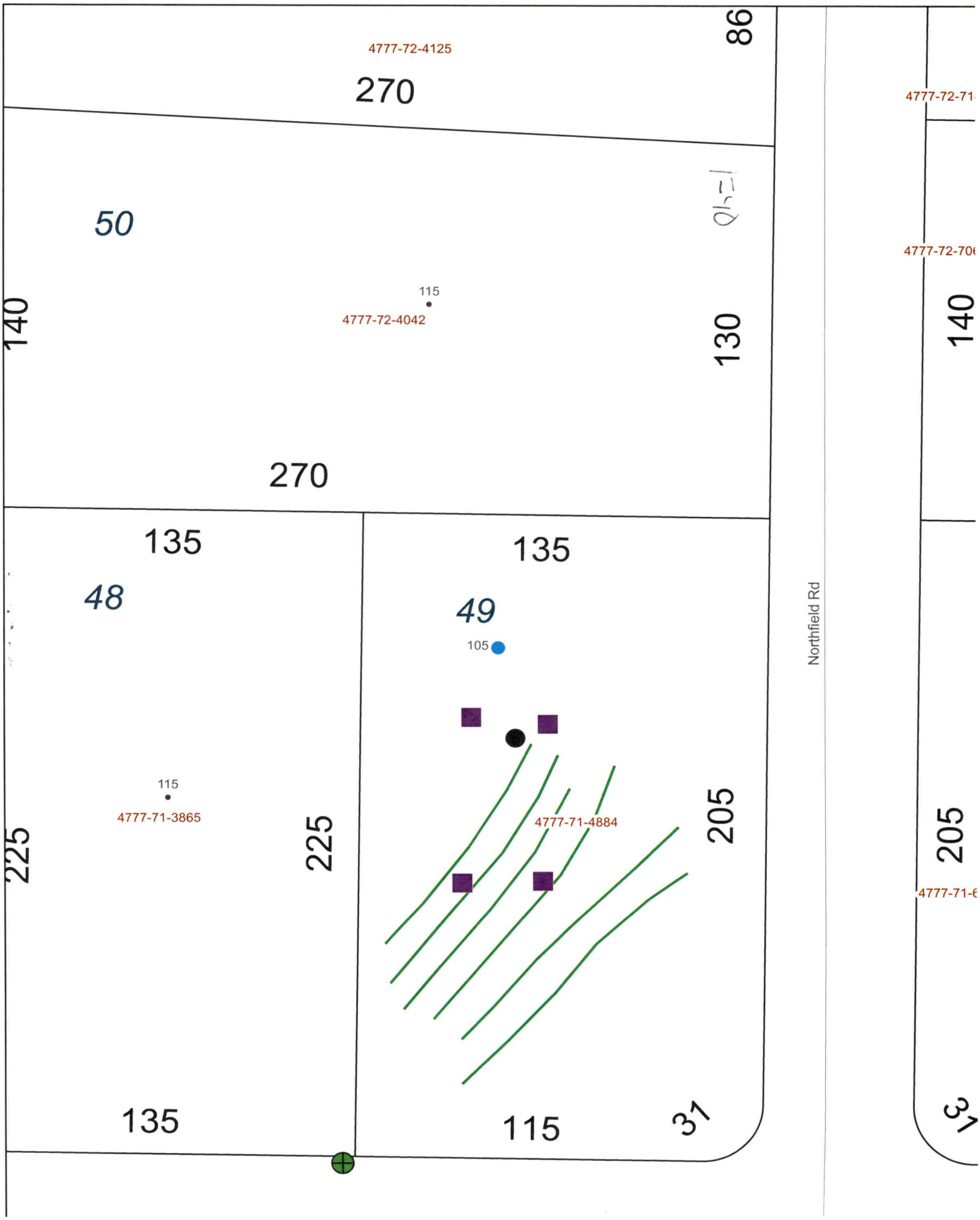
• PIN	4777714884.000
• Address	105 NORTHFIELD RD
• Account #	Acct 77380601
• Tax Owner	TURNER ANTHONY D
• Mailing Address	105 NORTHFIELD RD
•	STATESVILLE, NC 28625
• GIS Owner	TURNER ANTHONY D+VICKIE L
• Deed Info	978 / 769 - WD - 19960328
• Tax Acres	0.7 AC
• Lot #	49
• Description	COOLWOOD P2 PB25-157-158
• Zoning	RA
• Old Parcel #	1211L02000A049
• Bldg Value	$20,060
• OBXF Value	$4,160
• Land Value	$16,100
• Total Value	$40,320
• Defer Value	$0
• Tax Districts	-ALLCNTY FIRE- -

IREDELL COUNTY NC

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.

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


4777-72-4125
270
86
4777-72-71
50
115
4777-72-4042
140
130
4777-72-70
140
270
135
135
48
49
105
115
4777-71-3865
4777-71-4884
225
225
205
205
4777-71-6
135
115
31
Northfield Rd