BLDR-2022-9080

ICHD–ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # OSWP 2022-2485

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

PIN # 4741777152

APPLICANT/OWNER: Tru North Homes APPLICANT ADDRESS: 631-300 Brawley School Rd Mooresville NC 28117.

SITE ADDRESS: 457 Hoover Road Troutman NC 28166 PHONE: 704-363-2845 ALT. PHONE -

SITE DIRECTIONS: Amity Hill to Murdock to Hoover Rd Site on Left SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Brothers Brook SECTION: - LOT # 2 LOT AREA: .78 AC DESIGN FLOW: 360 L.T.A.R.: .275

Septic Tank	1000 (gal)	STB	Infiltrator	Date		☒ 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: Gravity - 25% Reduction		☐ Business	No. Persons 6	☒ Private
Pump Make		Model		Serial #		Repair System Description: LPP-PPBPS - 50% Reduction		☐ Other	No. Employees	☐ Public
# Nitrification Fields	1	# Lines	5	Linear Ft	344.	Maintenance Agreement Required: ☐ YES ☒ NO		☒ Slab	☐ Crawl Space	☐ Community
Trench Width	36in	Trench Bottom Depth(Low side)	24in	Gravel Depth	-	☒ GRAVITY ☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing	

Comments / Conditions:

INITIAL SITE SKETCH

This permit is issued pursuant to G.S. 130A-335(a2), (a3) & (a4) using the signed and sealed LSS/LG Evaluation attached here, from:

Soil & Forestry Services of the Carolinas PA

LSS# 1231

AS BUILT SKETCH

See attached as built

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: Date: Installed by: Russell Williams

IMPROVEMENT PERMIT by: Benjamin A Robbins Date: 9-14-22 OPERATION PERMIT by: D. Webber Date: 1/18/23

AUTHORIZATION TO CONSTRUCT by: Benjamin A Robbins Date: 9-14-22 Existing System Inspected by: Date:

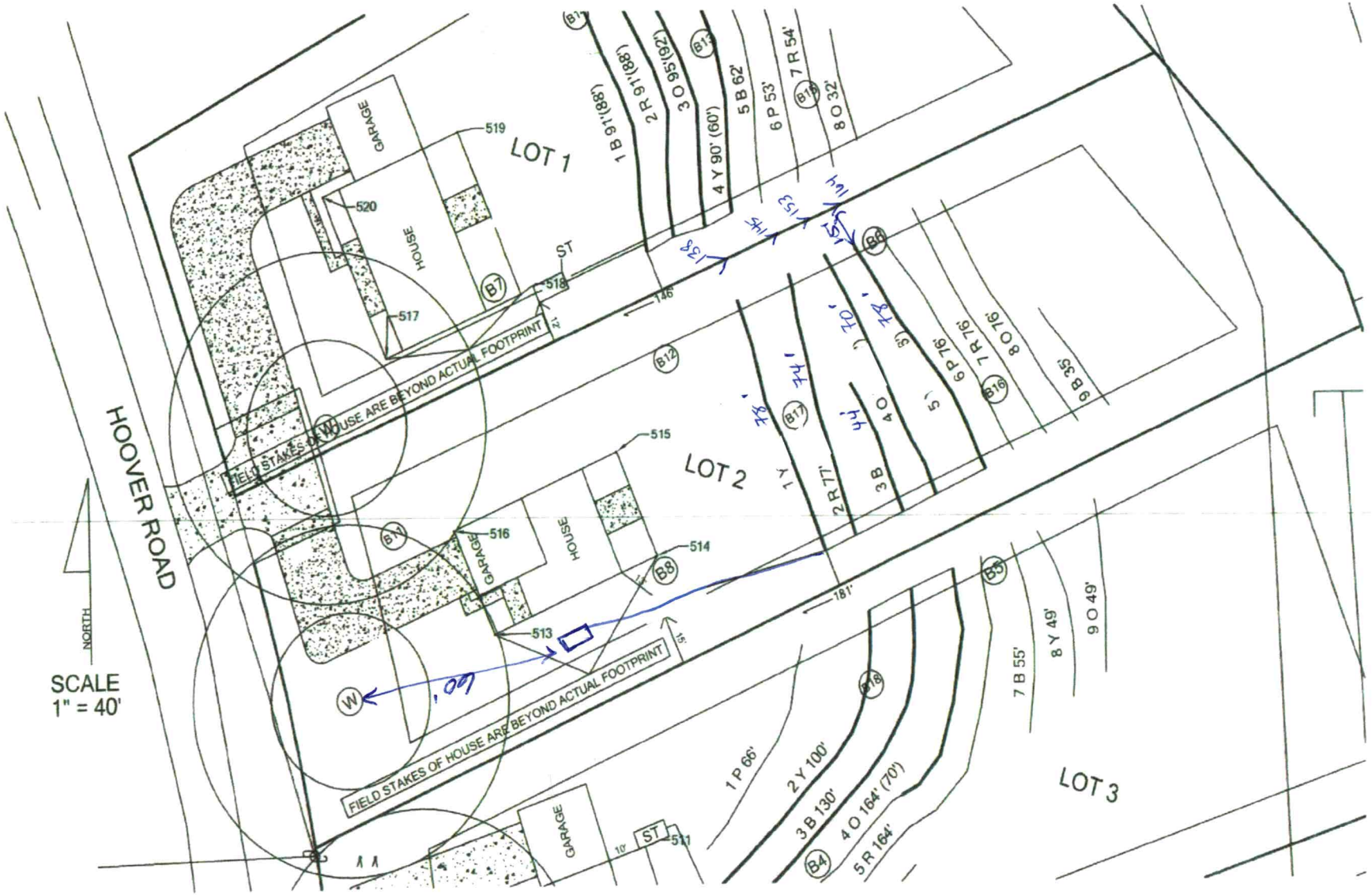
FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inpsector to confirm your inspection time.



As Built: (NTS)

457 Hoover

344'



ICHD–ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # OSWP 2022-2485

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

PIN # 4741777152

APPLICANT/OWNER: Tom North Homes APPLICANT ADDRESS: 631-300 Brawley School Rd Mooresville NC 28117.

SITE ADDRESS: 457 Hoover Road Troutman NC 28166 PHONE: 704-363-2845 ALT. PHONE -

SITE DIRECTIONS: Amity Hill to Murdock to Hoover Rd Site on Left SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: SECTION: LOT # 2 LOT AREA: .78 AC DESIGN FLOW: 360 L.T.A.R.: .275

Septic Tank 1000 (gal) STB Date

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 5 Linear Ft 344.

Trench Width 36in Trench Bottom Depth(Low side) 24in Gravel Depth -

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

System Description: Gravity - 25% Reduction

Repair System Description: LPP-PPBPS - 50% Reduction.

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

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

No. Bedrooms 3 No. Persons 6 No. Employees Crawl Space

☒ Private ☐ Public ☐ Community

Water Supply

☐ Basement w/o plumbing

Comments / Conditions:

INITIAL SITE SKETCH

This permit is issued pursuant to G.S. 130A-335(a2), (a3) & (a4) using the signed and sealed LSS/LG Evaluation attached here, from:

Soil + Forestry Services of the Carolinas PA

LSS# 1231

AS BUILT SKETCH

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: Date: Installed by:

IMPROVEMENT PERMIT by: Benjamin A Boles Date: 9-14-22 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Benjamin A Boles Date: 9-14-22 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inpsector to confirm your inspection time.

County: Iredell

This Section for Local Health Department Use Only

Initial submittal received: 9-6-2022 (Date) by BB (Initials)

Permit Number: OSWP-2022-2485

G.S. 130A-335(a4) states the following: *'If a local health department fails to act on an application for an improvement permit submitted pursuant to subsection (a3) of the section within 10 business days of receipt of a complete application, the local health department shall issue the improvement permit.'*

In accordance with G.S. 130A-335(a3) the improvement permit application is:

☐ Incomplete (If box is checked, information in this section is required.)

The following items are missing:

Copies of this were sent to the LSS and the Owner on _____ (Date)

State Authorized Agent: _____ Date: _____

☐ Denied (See attached report.)

Copies of this were sent to the LSS and the Owner on _____ (Date)

State Authorized Agent: _____ Date: _____

☑ Complete

State Authorized Agent: Benjamin A Bobbs Date of Issuance: 9-14-2022

This Improvement Permit is issued pursuant to G.S. 130A-335 (a2), (a3), and (a4) using the signed and sealed LSS/LG evaluation(s) attached here. The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes, or if information submitted in the application was falsified, inaccurate or misleading. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit. The location and identification of all property lines, easements, water lines, and other appropriate utilities shall be the responsibility of the owner.

The Department, the Department's authorized agents, and the local health departments shall be discharged and released from any liabilities, duties, and responsibilities imposed by statute or in common law from any claim arising out of or attributed to evaluations, submittals, or actions from a licensed soil scientist or licensed geologist pursuant to GS 130A-335(a2).

Improvement Permit Expiration Date: 9-14-2027

See attached site sketch

County: Iredell

IMPROVEMENT PERMIT FOR G.S. 130A-335(a2)/SL2022-11

PIN/Lot Identifier: 4741778000

Issued To: Tru North Homes

Property Location: Hoover Road, Troutman NC 28166

Subdivision: Brothers Brook Lot #: 2 Block: N/A Section: N/A

LSS Report Provided: Yes ☑ No ☐

If yes, name and license number of LSS: 1231

New ☑ Repair ☐ Expansion ☐ System Relocation ☐

Proposed Structure: 3 BR Residence

Proposed Wastewater System Type: Accepted (Initial) Mod. Conv. (PPBPS) LP (Repair)

Fill System: ☐ Yes ☑ No If yes, specify: ☐ New ☐ Existing (when adding more than 6 inches of fill to system area please provide a fill plan)

Proposed Design Daily Flow: 360 GPD Proposed LTAR (Initial): 0.275 Proposed LTAR (Repair): 0.275

Design Wastewater Strength: ☑ domestic ☐ high strength ☐ industrial process

Number of bedrooms: 3 Number of Occupants: 6 Other:

Pump Required: ☐ Yes ☑ No ☐ May be required based upon final location and elevations of facilities

Artificial Drainage Required: ☐ Yes ☑ No If yes, please specify details:

Type of Water Supply: ☑ Private well ☐ Public well ☐ Municipal Supply ☐ Spring ☐ Other:

Drainfield location meets requirements of Rule .1945: Yes ☑ No ☐

Drainfield location meets requirements of Rule .1950: Yes ☑ No ☐

Permit valid for: ☑ Five years [site plan submitted pursuant to GS 130A-334(13a)] ☐ No expiration [plat submitted pursuant to GS 130A-334(7a)]

Permit conditions:

Licensed Soil Scientist Print Name: Samuel Ashley Rollans

Licensed Soil Scientist Signature: Samuel A Rollans Date: 8/19/22

The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2).

See attached site sketch

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 21-0009
August 9, 2022

TRUNORTH HOMES, LLC
Attn: *Garrison Davis*
Email: garrison@trunorthhomes.com

RE: Soil & Site Evaluation for a 3 Bedroom Residence at Hoover Rd Lot 2, Troutman, NC 28166, PIN # (4741778000), Iredell County.

Mr.Davis:

At your request Soil & Forestry Services of the Carolinas (S&FS) has performed soil/site evaluations on parcel noted above.The Lot size is noted on the attached survey map & soil evaluation form. The purpose of our work was to identify soil areas with potential to support subsurface wastewater disposal systems and provide design details for Session Law submittals to Iredell County Health Department.

Site Conditions

At the time of our evaluation land cover on the property was mostly cleared of the property. Topography within the evaluated area was gentle slope near the house site with gentle percentage of slope in the proposed drainfield area. Property lines and corners were marked at the time of the evaluation by Bateman Civil Surveyors. The Surveyor provided an Autocad File of the survey as a basemap. The proposed septic layout was located via GPS and tape measures which were used to produce the attached *Site Plan*. The house envelope was staked by the surveyor in the field during our evaluation.

Methodology

We evaluated soil areas through the use of auger borings. Soil morphological conditions including color, texture, structure, etc. were reviewed in the field with six auger boring locations on the property flagged and located via GPS. Three auger borings are located in or adjacent to the proposed septic layout. Soil suitability was determined by referencing 15A NCAC 18A.1900 "Laws and Rules for Sewage Treatment and Disposal Systems".*Soil & Site Evaluation Forms* were utilized to record the soil morphological data for each boring. An on-ground layout of system and repair was performed using a laser level. Pin flag locations of the layout were also located by GPS and tape measure. Detailed system & repair information is summarized in the following paragraph for this Lot.

Hoover Rd Lot 2(*See Attached Design*)
The septic layout for this lot (9' centers) yielded a total of 610 linear feet of line. The primary system is proposed as 344' of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth (LOW SIDE) is specified at 24 inches. The repair system is proposed as 219' of Modified Conventional (50% Reduction) drainfield with low pressure distribution. Trench depth (LOW SIDE) is specified at 32 inches. There is 266 linear feet available for repair.

Session Law Requirements

All information needed to issue the IP must be submitted with the application. The application shall include all information described in 15A NCAC 18A .1937(d) and be accompanied by a signed and dated statement from the applicant (owner or owner's legal representative) that reads as follows:

"The LSS/LG evaluation(s) attached to this application is to be used to issue an Improvement Permit in accordance with G.S. 130A-335(a2) and (a3)."

Owner Date

Print Name G. DAVIS

Signature _____ 9-12-22

The LSS evaluation shall include a statement bearing the LSS seal and signature that reads as follows:

"The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2)."

Disclaimer
This report reflects the findings of S&FS, PA. *ThisLSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2)."*Any site modifications that impact the proposed septic areas on the site may nullify this design for Hoover Rd Lot 2.System design requirements and site requirements shall be adhered to for installation and Operations Permits to be issued by the local Health Department. If you have questions regarding these requirements a Pre-Construction meeting should be scheduled to discuss.Please contact S&FS if you have any questions regarding this report or the attached information. S&FS also offers septic system inspection, wetland delineation and forestry services.

Sincerely,

LICENSED SOIL SCIENTIST
Samuel A. Rollans
1231
STATE OF NORTH CAROLINA

S. Ashley Rollans, LSS
Attachment: *Septic Design*

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Attached is a proposed design for an Accepted Septic System with gravity dist. for a 3 bedroom single family residence at Hoover Rd, Lot 2, PIN#(4741778000) Troutman 28166, Iredell County, NC.

Contents: **Page**

Information for the Installer---------- 1

Design Information
- Design Specifications---------- 2-3
- Layout Specifications---------- 4

Site Plan/System Plan---------- 5

Calculations---------- 6

Profile Descriptions---------- 7-8

Septic Application---------- ONLINE

Zoning Permit---------- ONLINE

Agent Authorization---------- 9

Green Sheet---------- ONLINE

Survey---------- 10

LICENSED SOIL SCIENTIST
Samuel A. Rollan
1231
STATE OF NORTH CAROLINA

July 21, 2022
Project #: 22-0009
Design By: Soil & Forestry Services of the Carolinas, PA

INFORMATION FOR THE INSTALLER:

The permit should be read very carefully prior to bidding. The following are details that must be considered along with all other considerations.

- Tanks shall be approved by NC DHHS, and certification supplied by the manufacturer.
- Tanks shall be water tested prior to installation.
- The installer shall be responsible to the owner for placement of the tanks and to insure that final grades are returned to the original natural grade, with exception of added structural features.
- The supply trench shall be compacted to eliminate cavities left during initial fill placement.
- Installation of the system shall be during dry conditions in order to protect the soil structure.
- All fittings shall be pressure rated fittings.
- All joints shall be cleaned with PVC pipe cleaner and a heavy bodied glue applied to weld all joints.
- Where required by the county health department, post installation inspections by the designer must be scheduled 5 week days in advance.
- Trenches shall be carefully excavated so the bottom is within 2" from the highest to . the lowest points of elevation within the trench. If the bottom elevation needs adjusting after it has been trenched, it will be done by removing high points rather than filling low points. It is extremely important to insure that trenches are not over excavated during initial trenching. All fine grading within the trench will be hand done with a shovel. No loose material will be left in the trench
- All pipe openings in the tanks shall be properly grouted. This also applies to the joints around the riser.
- All tanks shall be properly back filled and compacted to prevent slump at a later date.
- Earth dams, constructed of relatively impervious material, shall be installed at the beginning and end of each lateral.
- No heavy equipment shall be used on the field during or after installation. The use of a small loader (i.e. Bobcat) or a trencher (i.e. Ditch Witch 2300/2310) may be used for installation.
- Elevations at pinflag locations should be checked by the installer prior to beginning trenches.
- Septic tank riser shall be a minimum of 6" above finished grade.
- System is specified as a gravity 25% reduction (Accepted) installation.
- Repair is specified as a low pressure 50% reduction Modified Conv. PPBPS installation.

GRAVITY ACCEPTED SYSTEM
FOR WASTEWATER TREATMENT

Owner/Applicant:	TruNorth Homes, LLC
Address:	631-300 Brawley School Rd Mooresville, NC 28117
Phone:	704.363.2845
County:	Iredell
Location:	Hoover Rd- Lot 2 Troutman, NC 28166
Source of Wastewater Flow:	3 Bedroom Single Family Residence
Estimated Gallons Per Day Flow:	360
System Flow:	N/A

Design Specifications

Drainfield Size:	344	
Loading Rate (gpd/ft.^{2}):	0.275	
Depth of Gravel in Trench:	N/A	
Gravel Size:	N/A	
Trench Depth (LOW SIDE):	24 in.	Repair Trench Bottom 32 in.
Trench Width:	36 in.	
Septic Tank Size:	1000	
Estimated Supply Line Length:	44	
Supply Line Diameter:	4 in. SCH 40 PVC	
Supply Line Volume:	28.73	
Dosing Volume:	N/A	
Supply Manifold:	N/A	
Supply Manifold Length:	N/A	
Supply Manifold Volume:	N/A	
Recommended Float Controls:	N/A	
Recommended Control Panel:	N/A	
Pressure Head:	N/A	
Friction Head:	N/A	
Elevation Head:	N/A	
Total Dynamic Head:	N/A	
Threaded Union:	N/A	
Gate Valves:	N/A	
Check Valves:	N/A	
Anti-Siphon Hole:	N/A	
Additional Comments:	Soil suitability was performed by Soil & Forestry Services of the Carolinas, PA	

Hoover Rd- Lot 2

ACCEPTED SYSTEM

DESIGN FLOW (gpd):	360
SOIL APPLICATION RATE (gpd/ft.^{2}):	0.275
TOTAL AREA TRENCH BOTTOM:	1032
TOTAL LATERAL LENGTH:	344
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	327.2727273
SUPPLY LINE LENGTH:	44
TOTAL DYNAMIC HEAD:	N/A
MANIFOLD SIZE:	N/A
DOSING VOLUME:	N/A
PUMP TANK DRAW DOWN*:	N/A
SEPTIC TANK SIZE:	1000

Layout Specifications - Hoover Rd- Lot 2

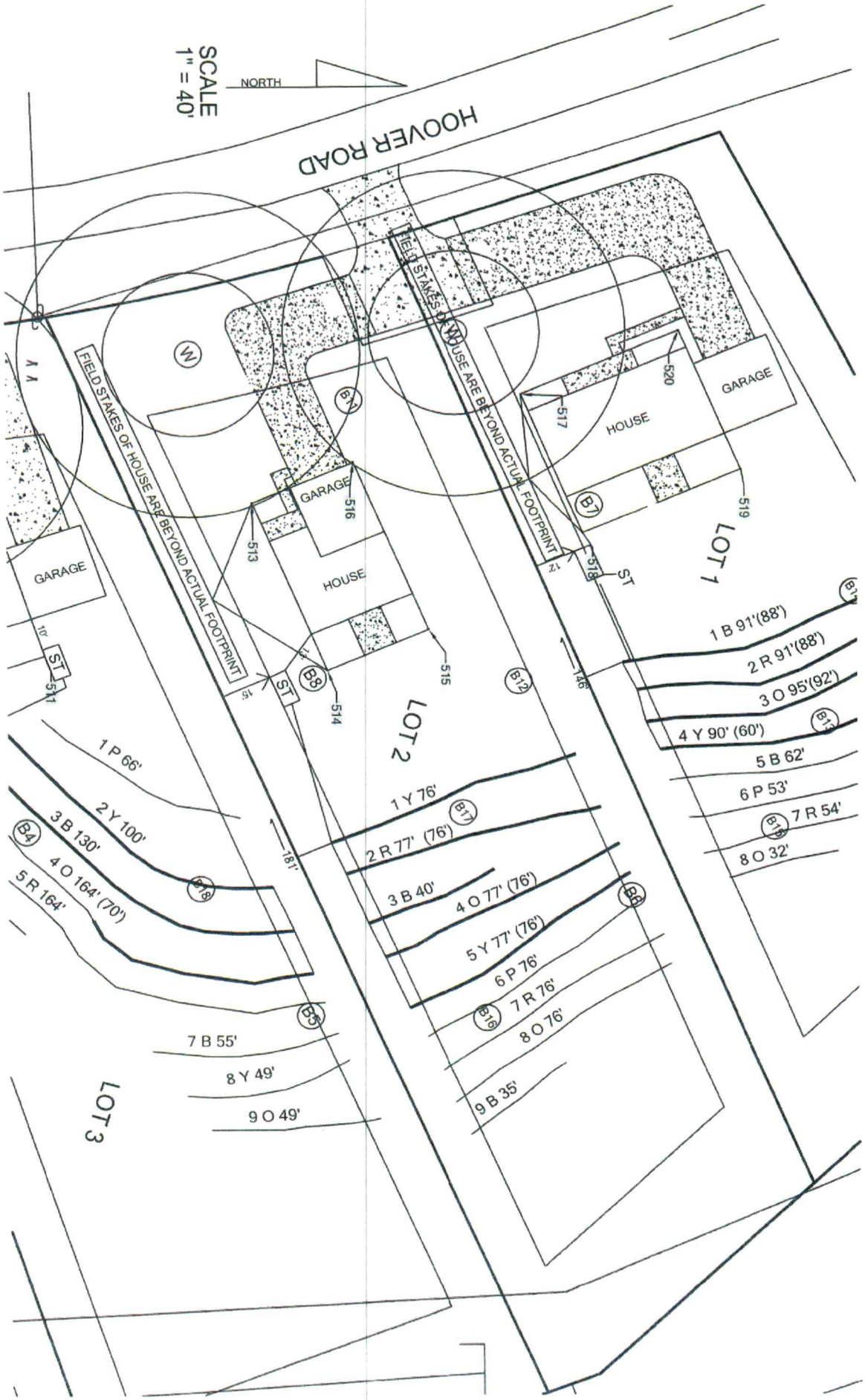
Project #: 22-0009

LAYOUT FOR 3 BEDROOM HOME — July 21, 2022

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM							
INSTR. 1							
1	***YELLOW***					***76***	***76***
2	***RED***					***77***	***76***
3	***BLUE***					***40***	***40***
4	***ORANGE***					***77***	***76***
5	***YELLOW***					***77***	***76***
6	PINK					76	76
7	RED					76	76
8	ORANGE					76	76
9	BLUE					35	35
					Total	610	607

	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION
**** System***	***344***	***0.275***	***ACCEPT.***	***0.275***	***25% RED***	***GRAVITY***
Repair	266	0.275	MOD. CONV.	0.275	PPBPS	LOW PRESSURE

Notes:
- **All measures in feet
- **Nitrification lines are demonstrated on contour via colored pin flags
- **Nitrification lines were located by tape measures & GPS.
- **Property lines, corners & house were located by a Professional Land Surveyor.


SCALE
1" = 40'
NORTH
HOOVER ROAD
FIELD STAKES OF HOUSE ARE BEYOND ACTUAL FOOTPRINT
FIELD STAKES OF HOUSE ARE BEYOND ACTUAL FOOTPRINT
GARAGE
HOUSE
GARAGE
HOUSE
GARAGE
LOT 1
LOT 2
LOT 3
ST
ST
ST
513
514
515
516
517
518
519
520
511
1 P 66'
2 Y 100'
3 B 130'
4 O 164' (70')
5 R 164'
7 B 55'
8 Y 49'
9 O 49'
1 Y 76'
2 R 77' (76')
3 B 40'
4 O 77' (76')
5 Y 77' (76')
6 P 76'
7 R 76'
8 O 76'
9 B 35'
1 B 91'(88')
2 R 91'(88')
3 O 95'(92')
4 Y 90' (60')
5 B 62'
6 P 53'
7 R 54'
8 O 32'
B1
B2
B3
B4
B5
B6
B7
B8
B9
B10
B11
B12
B13
B14
B15
B16
B17
B18
B N
W
181'
146'
12'
15'
10'

CALCULATIONS

Location Hoover Rd
Troutman, NC 28166
Project Number 22-0009

Lot No: 2

No. of Bedrooms 3

Design Flow 360 $^{gal}/_{day}$

LTAR 0.275 $^{gal}/_{ft^2 day}$

PPBPS? (YES OR NO) NO

Supply Line Length 44 ft.

Supply Line Volume 28.732 gal.

Required Feet of Line 327.2727 ft.
Amount of Line from Layout 344 ft.

Gallons per Minute N/A $^{gal}/_{min}$

Required Septic Tank Capacity 1000 gal.
Septic Tank Size 1000 gal.

Panel Volume N/A gal.
# of Panels N/A
Dosing Volume N/A gal.

Tank Draw Down N/A

Pump Run Time

Elevation Head N/A ft.
Pressure Head N/A ft.
Friction Factor N/A ft./100 ft. *(From the interpolater.)*
Friction Head N/A ft.

Total Dynamic Head (+15%) N/A ft.

FRICTION FACTOR INTERPOLATER
2" SCH 40 PVC

GPM	*f*
20	0.84
	-0.88
25	1.27
	-1.28
30	1.78
	-1.76
35	2.37
	-2.25
40	3.03
43.07	3.48
45	3.77
48.14	4.28
50	4.58
57.11	5.89
60	6.42

PERMIT SNAPSHOT REPORT OSWP-2022-2485 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Improvement Permit
Status: PRIORITY PERMIT
Valuation: $0.00
Description: SESSION LAW

Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Botkins, Ben

App Date: 08/24/2022
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Parcel: 4741777152.000 Main
Address: 457 Hoover Rd Troutman, NC 28166 Main
Zone: RU-R(Rural Residential District)

Applicant/Authorized Agent
SOIL AND FORESTRY SERVICES
126 Third Creek Rd
Statesville, NC 28677
Business: (704) 746-5046

Property Owner
TRUNORTH HOMES LLC
631-300 Brawley School Road
PMB 217 631-300 BRAWLEY
SCHOOL ROAD PMB 217
MOORESVILLE, NC 28117
Business: (704) 363-2845

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	54x32	What are the proposed structures	New Single Family Residence
If other Addition/Structure, please explain		Maximum Number of Bedrooms	3	Number of Occupants	6
Foundation Type	Concrete Slab Foundation	Water Supply	New Well	Desired Septic System Type	Other
If other septic system type, please explain	Accepted	Has this project been approved by TRC	No	Lot Acreage	0.78
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Is the structure or development in the floodplain	No	Is the property in a local historic district?	No
Is the property located downtown?	No	Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Randi_Williams_8/24/2022.jpg	08/24/2022 10:21	Williams, Randi		Uploaded via CSS
Agent_Form_Lot2_v1.pdf	08/26/2022 12:33	Williams, Deborah	Available Online	Authorize to Act as Agent
FLoor Layouts_ lots 2,4,5 Hoover Rd._v1.pdf	08/26/2022 12:33	Williams, Deborah	Available Online	Floor Plan(s)
Session_Law_Lot2_v1.pdf	08/26/2022 12:33	Williams, Deborah	Available Online	Site Plan

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00001120	Iredell Zoning Tech Fee		$2.25	$2.25
	Iredell Zoning Permit Fee		$75.00	$75.00
		Total for Invoice INV-00001120	$77.25	$77.25
INV-00001127	New Gravity System		$500.00	$500.00
		Total for Invoice INV-00001127	$500.00	$500.00
		Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		08/26/2022 0:00	08/26/2022 12:34
Confirm application complete v.1	Generic Action		08/26/2022 12:34
Fees v.1		08/29/2022 0:00	08/29/2022 17:23
Issue Invoice v.1	Generic Action		08/29/2022 17:23
Fees Paid v.1	Generic Action		08/29/2022 17:23
Zoning Review v.1		08/26/2022 0:00	08/30/2022 8:19

PERMIT SNAPSHOT REPORT (OSWP-2022-2485)

Iredell County Zoning Approval v.1	Task	08/26/2022 0:00	08/26/2022 12:36
Issue Invoice v.1	Generic Action		08/26/2022 12:36
Fees Paid v.1	Generic Action		08/30/2022 8:19
Lot Readiness Verification v.1			
~~OSWP Septic Preliminary Site Visit v.1~~	Inspection		08/30/2022 9:36
OSWP Site Evaluation v.1	Inspection		
Issue Improvement Permit v.1			
Issue Invoice v.1	Generic Action		
Fees Paid v.1	Generic Action		
Issue Permit v.1	Generic Action		
Permit Completion Process v.1			
Authorization to Construct Permit v.1	Create Sub Permit		
Issue Authorization to Construct v.1	Generic Action		

Millsaps Plan

IREDELL COUNTY PLANNING & DEVELOPMENT
PO BOX 788, STATESVILLE NC 28687-0788
349 N. Center Street / Building Standards Center
(704) 878-3118 / FAX (704)878-3171

Residential Zoning Permit Application

What are you building?(Please check) ***No building or addition shall be used for commercial, business, or other non-residential use unless appropriate permits and approval are obtained from Iredell County for commercial use.**

Stick built ✓ Modular___ Duplex___ Singlewide___ Doublewide___ Pier___ Addition___ Bedroom addition___

Accessory dwelling (ie: M-I-L Suite, guest house) ___ Accessory building (ie: garage, shed)___ Swimming pool___

Are there any other structures currently on the property such as dwellings, sheds, garages? (Please list type below)
ND

Is there a septic tank on the property? Yes (No) If residence how many bedrooms? 3 and stories? 2

Please describe project (Details, Purpose, or Use): new residential construction

Please list square footage of project (Pier, Addition, Accessory Dwelling, Accessory Building only): _____

Does the property have community water? Yes (No) If yes, please list who provides it: _____

Does the property have community sewer? Yes (No) If yes, please list who provides it: _____

Owner Information

Property Owner's Name Koehler Homes Phone # _____
Paul H. Bena & Patricia D. Bena

Owner's Current Address 167 Mapleview Dr Troutman, NC 28166

Property Information

Property Address 457 Hoover Rd Parcel # 4741777152

Subdivision: Bakers Brook Lot: 2 Zoning: R/A Watershed: Y / (N) Flood Plain: Y / (N) Township: Iredell

Directions to property (from a MAIN ROAD) _____

Application Information

Applicant's Name or Company TruNorth Homes Applicant's Phone # (704) 363-2845

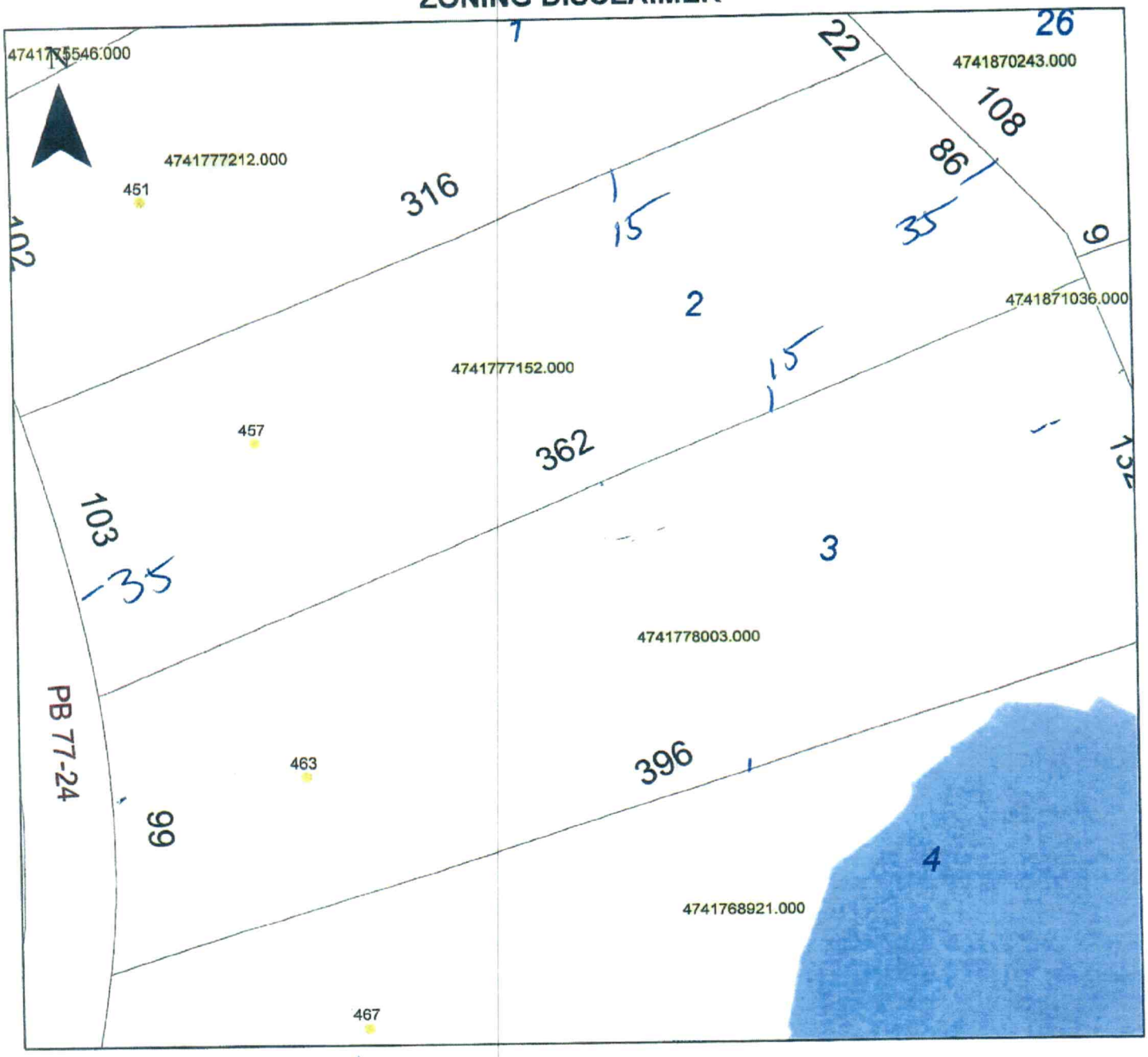
Applicant's Address 631-300 Brawley School Rd PMB217 Mooresville NC 28117

If Company, Representative's Name and Title Garrison Davis, President

IN APPLYING FOR A ZONING PERMIT I CERTIFY THAT ALL INFORMATION ON THIS APPLICATION IS CORRECT AND THAT ALL WORK WILL COMPLY WITH IREDELL COUNTY ZONING REGULATIONS. THE IREDELL COUNTY PLANNING & DEVELOPMENT DEPARTMENT WILL BE NOTIFIED OF ANY CHANGES THAT ARE MADE TO THIS PROJECT. I AM AWARE THAT THIS IS AN APPLICATION ONLY - NOT A PERMIT - AND DOES NOT CONSTITUTE APPROVAL OF THIS PROJECT. HOWEVER, IF THIS PROJECT IS APPROVED, THIS SIGNATURE IS VALID FOR MY PERMIT.

SIGNATURE OF APPLICANT _____ DATE 7/21/22

ZONING DISCLAIMER



Property Address 457 Hoover

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.

Applicant

Date

Sheet 1 of 2
PROPERTY ID #:
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Koehler Homes Inc
ADDRESS: 167 Maplevew Dr, Troutman NC 28166
PROPOSED FACILITY: ~~3~~ 3BR
LOCATION OF SITE: Lot 2 Hoover Rd Troutman NC 28166
WATER SUPPLY: ☑ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
PROPOSED DESIGN FLOW (.1949): 360gpd
APPLICATION DATE
DATE EVALUATED: 1/21/22
PROPERTY SIZE: 0.75ac
PROPERTY RECORDED: No
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
B6 X	L/7%	0-12	BSC lwfsbk	Frss sp					
		12-48	RBC wmsbk	Frss sp	+ few mn	48	—	—	PS 0.275
B8 2	L/6%	0-13	Fill						
		13-22	BC lwfsbk	Fr ss sp					
		22-48	RBC wmsbk	Fsp	+ few mn	48	—	—	PS 0.25
B11 3	L/6%	0-2	BC lwfsbk	Fr ss sp					
		2-45	RC wmsbk	Fr ss sp					
		45-50	RC wmsbk	Frss sp		50	—	—	PS 0.3
B12 X	L/10%	0-30	Fill						
		30-50	RC wmsbk	Frss sp					UP

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted (25%) Red	? PBDS (50%) Low Pressure
Site LTAR	0.275	0.275

COMMENTS:

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: S. Ashley Rollins
OTHER(S) PRESENT: Chad Wagner, Chris Wagner

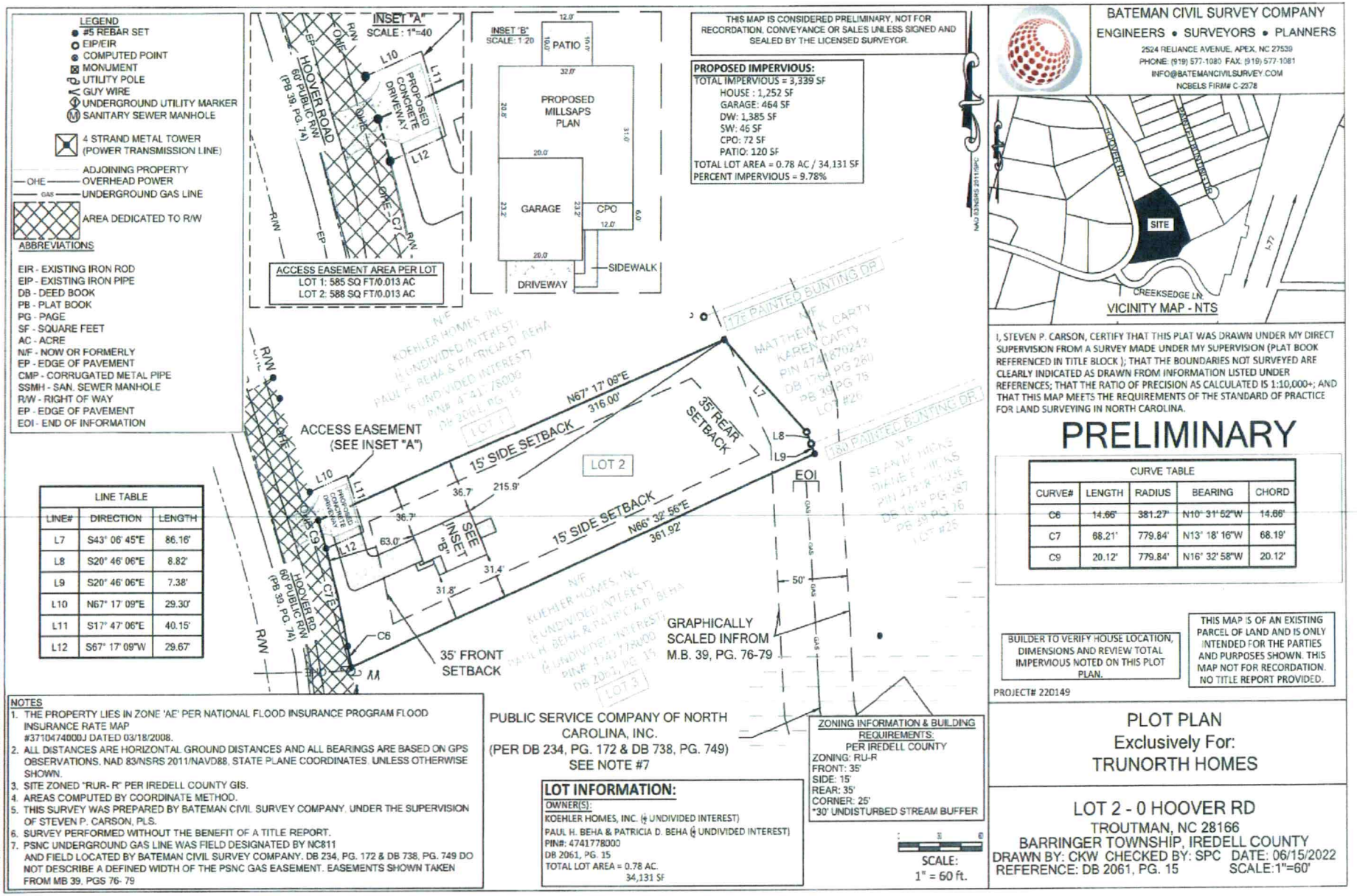
SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

PROPERTY ID #: Same
DATE OF EVALUATION: Same
COUNTY: Iredell

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
B16	L/12%	0-6	BlSC	FrSSSP		50	—	—	PS 0.3
		6-14	RBClwfsbk	FrSSSP					
		14-38	RCpmmsbk	FrSSSPFscP					
		38-50	RBClwfsbk	FrSSSP					
B17	L/10%	0-12	BClwfsbk	FrSSSP		50	—	—	PS 0.3
		12-30	BrCwmsbk	FrSSSP					
		30-50	RBClwfsbk	FrSSSP					

COMMENTS: _____



BATEMAN CIVIL SURVEY COMPANY
ENGINEERS • SURVEYORS • PLANNERS
2524 RELIANCE AVENUE, APEX, NC 27539
PHONE: (919) 577-1080 FAX: (919) 577-1081
INFO@BATEMANCIVILSURVEY.COM
NCBELS FIRM# C-2378

I, STEVEN P. CARSON, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY DIRECT SUPERVISION FROM A SURVEY MADE UNDER MY SUPERVISION (PLAT BOOK REFERENCED IN TITLE BLOCK); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION LISTED UNDER REFERENCES; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; AND THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARD OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA.

PRELIMINARY

CURVE TABLE

CURVE#	LENGTH	RADIUS	BEARING	CHORD
~~C6~~	~~14.66'~~	~~381.27'~~	~~N10° 31' 52"W~~	~~14.66'~~
C7	68.21'	779.84'	N13° 18' 16"W	68.19'
C9	20.12'	779.84'	N16° 32' 58"W	20.12'

BUILDER TO VERIFY HOUSE LOCATION, DIMENSIONS AND REVIEW TOTAL IMPERVIOUS NOTED ON THIS PLOT PLAN.

THIS MAP IS OF AN EXISTING PARCEL OF LAND AND IS ONLY INTENDED FOR THE PARTIES AND PURPOSES SHOWN. THIS MAP NOT FOR RECORDATION. NO TITLE REPORT PROVIDED.

PROJECT# 220149

PLOT PLAN
Exclusively For:
TRUNORTH HOMES

LOT 2 - 0 HOOVER RD
TROUTMAN, NC 28166
BARRINGER TOWNSHIP, IREDELL COUNTY
DRAWN BY: CKW CHECKED BY: SPC DATE: 06/15/2022
REFERENCE: DB 2061, PG. 15 SCALE:1"=60'

P:\2022 Projects\220149 0 HOOVER RD BOUNDARY TRUNORTH\PLOT PLAN\DWG\220149 0 HOOVER RD.dwg, 4/7/2022 1:08:55 PM, 1:1