ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 (38) Mooresville Office (704) 660-3625

BLDR-2023-25015

PERMIT # QSWP-2023-16762

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

PIN # 4757--89--8141

APPLICANT/OWNER: HELMSMAN HOMES, LLC. APPLICANT ADDRESS: P.O. Box 3965, MOORESVILLE, N.C. 28117

SITE ADDRESS: 1588 TURNERSBURG HIGHWAY, STATESVILLE, N.C. 28117 PHONE: 980-500-1251 ALT. PHONE –

SITE DIRECTIONS: (N) ON 77, (R) ON 21, LOT ON (R) SAP CONTROLLED: ☐ YES ☑ NO

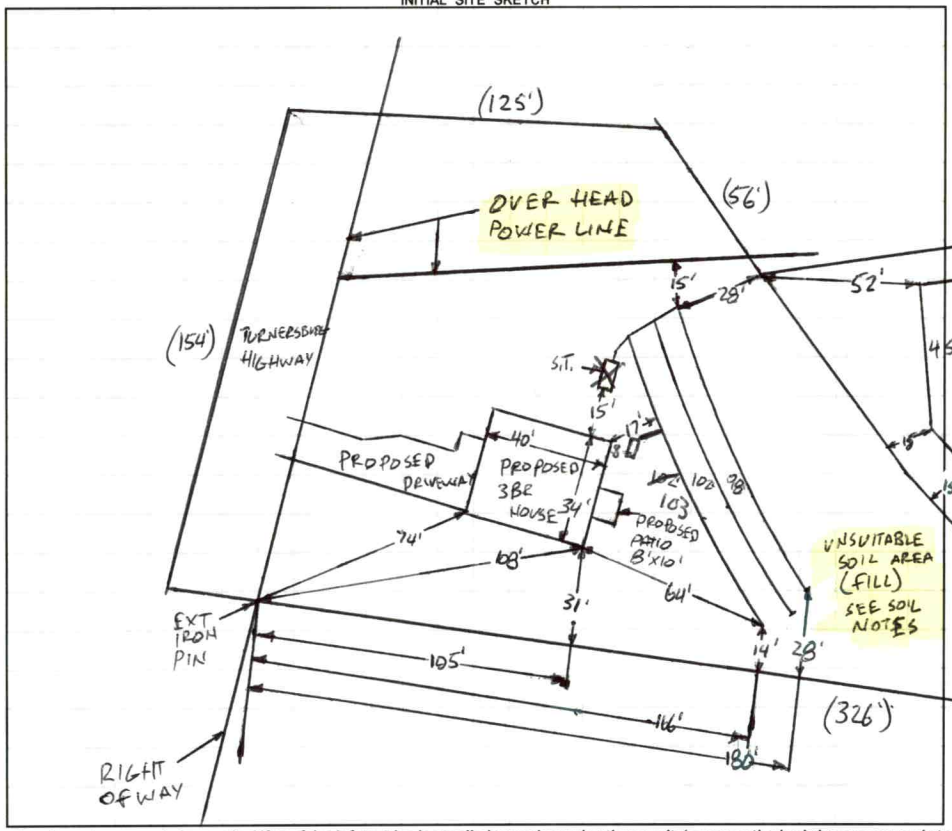
SUBDIVISION: – SECTION: – LOT # – LOT AREA: 1.677 AC DESIGN FLOW: 360 GPD L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB	760	Date	7/13/23	☑ 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:	30% REDUCTION			
# Nitrification Fields	1	# Lines	3		Linear Ft	302 FT	Maintenance Agreement Required:	☐ YES	☑ NO		
Trench Width	36 IN	Trench Bottom Depth(Low side)		32 IN	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	

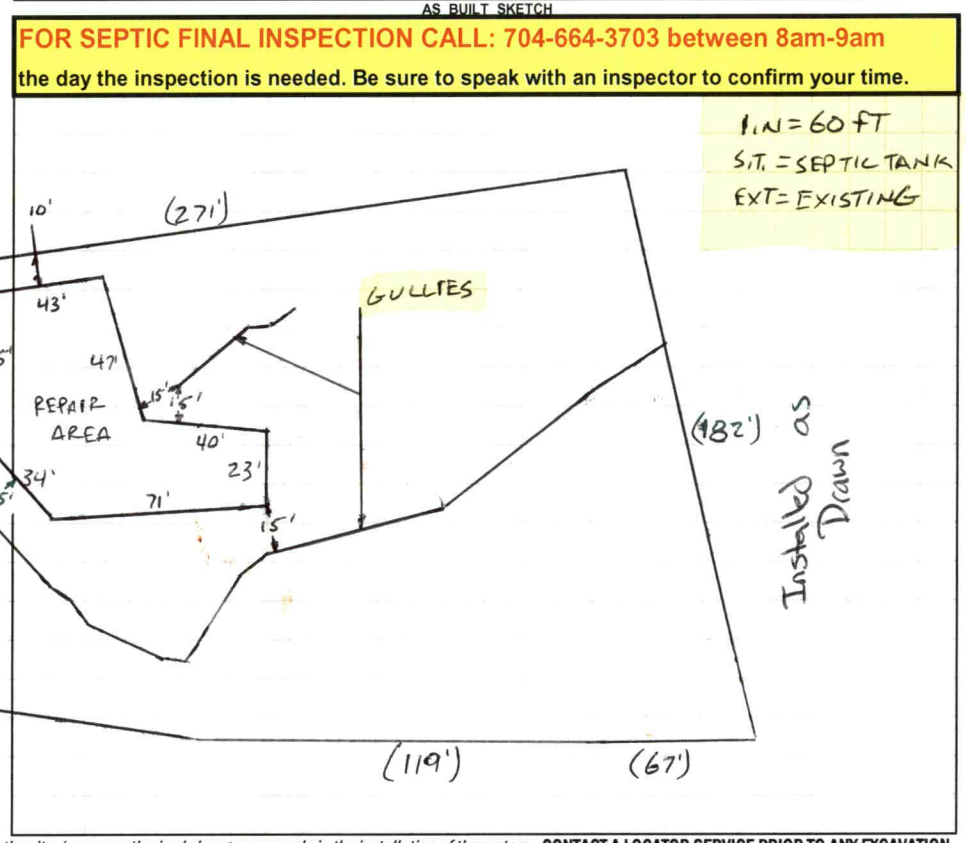
Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION, DONOT EXCEED A 36 IN MAX TRENCH DEPTH

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: Online Signature Date: Installed by: Rowan Septic

IMPROVEMENT PERMIT by: Bryant C. White Date: 3-30-2023 OPERATION PERMIT by: Cory Wil Date: 8/31/23

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 4-6-2023 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? _____	

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

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

PROPERTY ID #: 4757-89-8141
DATE OF EVALUATION: 3-8-2023
COUNTY: IREDELL

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 SIDE 10%	0-6	SCL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT MICA COMMON	60"+	NA	NA	PS .3
		6-30	C, SBK	FR, S, P, SEXP					
		30-60	CL, WSBK	FR, SS, SP, SEXP					
2	LINEAR SIDE 10%	0-18	FILL	MIXED	- CHARCOAL/ INSULATION SAP INC 18"+ MICA COMMON	60"+	NA	NA	U FILL REMOVED
		18-44	C, SBK	FR, S, P, SEXP					
		44-60	CL, WSBK	FR, SS, SP, SEXP					
3	LINEAR SIDE 10%	0-6	FILL	MIXED	COMPACTED SAP INC THRU OUT MICA COMMON	60"+	NA	NA	PS .3
		6-28	C, SBK	FR, S, P, SEXP					
		28-60	CL, WSBK	FR, SS, SP, SEXP					
4	LINEAR SIDE 10%	0-5	SCL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT MICA COMMON	53"+	NA	NA	PS .3
		5-40	C, SBK	FR, S, P, SEXP					
		40-53	CL, WSBK	FR, SS, SP, SEXP					
5	LINEAR SIDE 10%	0-10	SCL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT MICA COMMON	60"+	NA	NA	PS .3
		10-33	C, SBK	FR, S, P, SEXP					
		33-60	CL, WBK	FR, SS, SP, SEXP					

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) 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)
		O (Organic)	None	None		

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

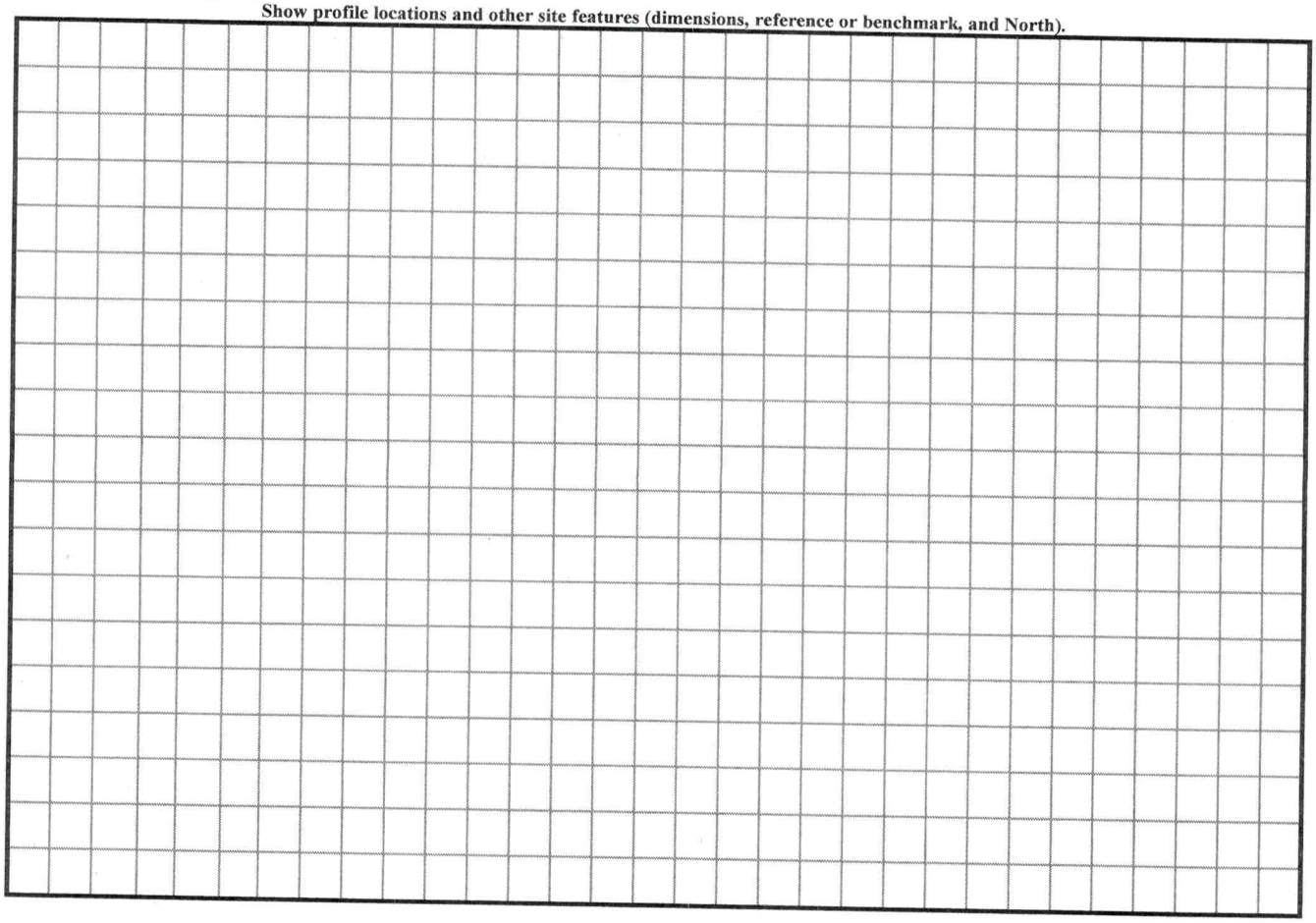
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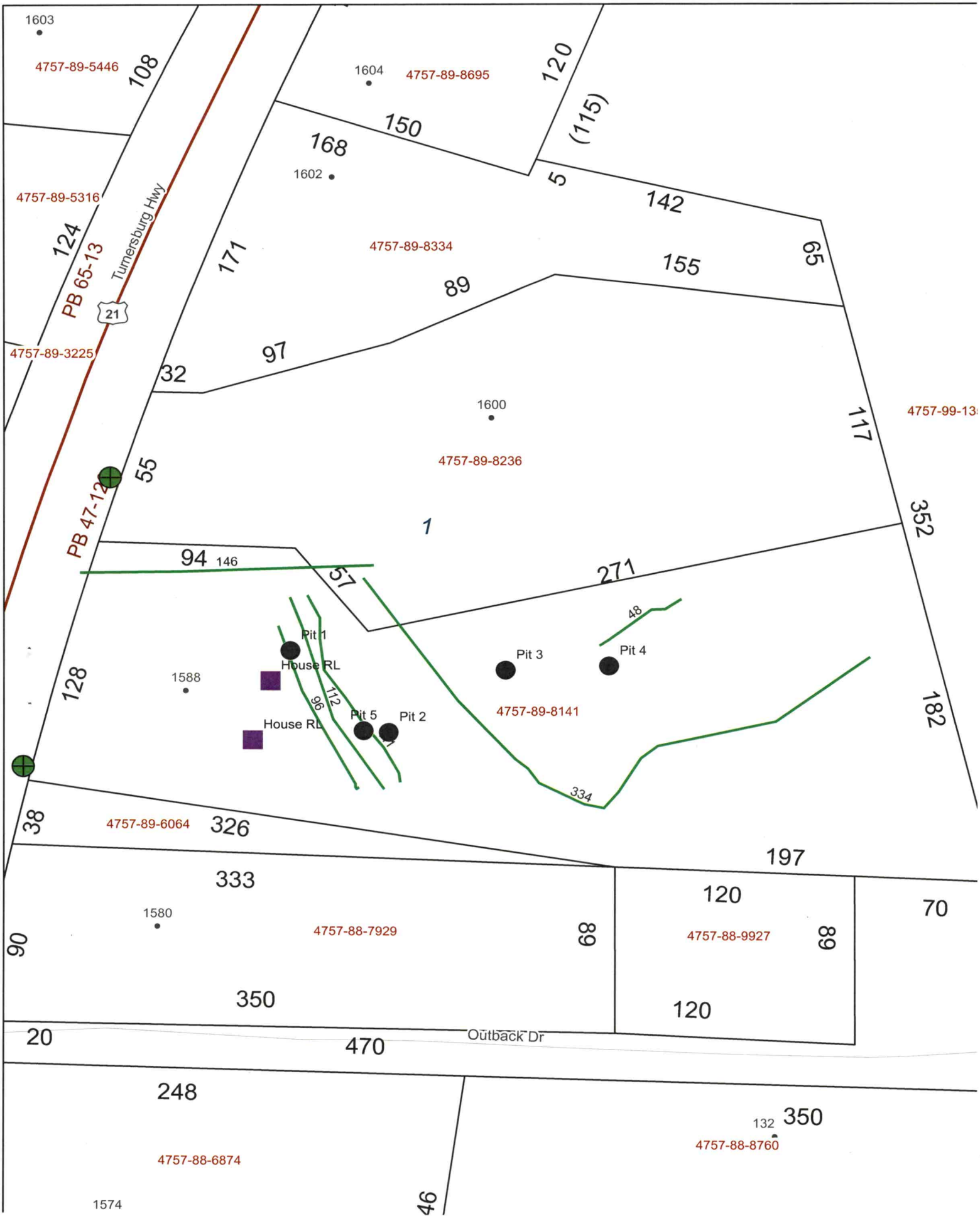
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or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




1603
4757-89-5446
108
1604
4757-89-8695
120
(115)
150
168
1602
5
142
4757-89-5316
124
PB 65-13
Turnersburg Hwy
21
171
4757-89-8334
155
65
89
4757-89-3225
97
32
1600
4757-99-13
117
55
4757-89-8236
PB 47-12
1
352
94
146
57
271
48
Pit 1
House RL
Pit 3
Pit 4
1588
128
112
96
Pit 5
Pit 2
House RL
4757-89-8141
182
334
38
4757-89-6064
326
197
333
120
70
1580
4757-88-7929
68
4757-88-9927
89
90
350
120
20
470
Outback Dr
248
132
350
4757-88-8760
4757-88-6874
1574
46

PERMIT SNAPSHOT REPORT OSWP-2023-16762 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Improvement Permit
Status: In Progress
Valuation: $0.00
Project:
District: Iredell County
Square Feet: 0.00
Assigned To: White, Bryant
App Date: 02/17/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:
Description: new single family house, please apply for IP/CA, public water existing by others, Thank you

Parcel: 4757898141.000 Main
Address: 1588 Turnersburg Hwy Statesville, NC 28625 Main
Zone: RA(Residential Agricultural District)

Applicant/Authorized Agent
HELMSMAN HOMES, LLC
PO Box 3965
MOORESVILLE, NC 28117
Business: (980) 500-1251
Mobile: (980) 500-1251

Applicant/Authorized Agent
John Morrow
116 Gasoline Alley Suite 105
Mooresville, NC 28117

Property Owner
John Morrow
116 Gasoline Alley Suite 105
Mooresville, NC 28117

Permit Custom Fields

How is your site plan being submitted	Survey Plat	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	34' x 40'4"	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	Other Public Water	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Has this project been approved by TRC	No	Lot Acreage	1.67
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Zoning Permit Issued Date	Feb 20 2023 12:00AM	Zoning Permit Expiration Date	Aug 19 2023 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
Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Corey_Hamelink_2/17/2023.jpg	02/17/2023 11:28	Ivester, Staci		Uploaded via CSS
1588 Turnersburg Hwy -Authorization_v1.pdf	02/17/2023 16:14	Nebel, Barbara	Available Online	Authorize to Act as Agent
Turnersburg Hwy, 1588 (Lot 1) - Plot Plan_v1.pdf	02/17/2023 16:14	Nebel, Barbara	Available Online	Site Plan
1588 Turnersburg Hwy- Fits the Bill_v1.pdf	02/20/2023 8:26	Kendrick, Brandi	Available Online	Floor Plan(s)

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-65516	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	02/23/2023			02/23/2023 8:20	02/23/2023 8:20

Inspectors: Kobuck, Teanna (Primary)

Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

Note	Created By	Date and Time Created
1. 2/23--John to verify lot readiness and call back.	Teanna Kobuck	02/23/2023 10:54

PERMIT SNAPSHOT REPORT (OSWP-2023-16762)

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00009488	Iredell Zoning Permit Fee	$75.00	$75.00
	New Gravity System	$500.00	$500.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	Total for Invoice INV-00009488	$577.25	$577.25
	Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		02/17/2023 16:14	02/17/2023 16:15
Confirm application complete v.1	Generic Action		02/17/2023 16:15
Fees v.1		02/21/2023 7:55	02/22/2023 8:33
Issue Invoice v.1	Generic Action		02/21/2023 7:55
Fees Paid v.1	Generic Action		02/22/2023 8:33
Zoning Review v.1		02/17/2023 16:14	02/22/2023 15:19
Iredell County Zoning Approval v.1	Task	02/17/2023 16:14	02/22/2023 15:19
Issue Invoice v.1	Generic Action		02/21/2023 8:30
Fees Paid v.1	Generic Action		02/22/2023 8:33
Lot Readiness Verification v.1		02/24/2023 8:20	
OSWP Septic Preliminary Site Visit v.1	Inspection	02/24/2023 8:20	02/24/2023 8:21
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		

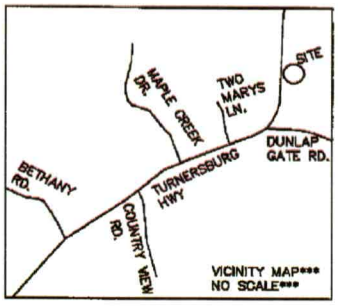
DAS DON ALLEN & ASSOCIATES, P. A.
"Since 1971"
Commercial * Residential * Mortgage Surveys * Multi-Family
Construction Staking * Subdivision Design * Topographical
131 Crosslake Park Drive – Suite 102 * Mooresville * NC * 28117
(704) 664-7029 (704) 664-8041 Fax

I, certify that this map was drawn under my supervision from an actual survey made under my supervision recorded in deed book 2922, page 1735, and/or plat book N/A, page N/A, that the ratio of precision is 1':10,000, that this map was prepared in accordance with the General Statutes of North Carolina Chapter 89C.

my hand and seal on the 12TH, day of AUGUST, A.D. 20 22.

REVISED: 11-15-22 (MOVED HOUSE)

WILLIAM M. ALLEN, PROFESSIONAL LAND SURVEYOR
SEAL L-3499
NORTH CAROLINA
WILLIAM M. ALLEN



DEED

LINDA R. & BARRY A. JOHNSON
2206/383

S18°05'30"E 181.91
S84°37'27"W 67.38
35' REAR
S86°06'42"W 119.24
N77°53'28"E 270.96
15' SIDE
15' SIDE
N86°40'20"W 325.77
S39°55'11"E 55.60
72.2'
30.6'
FITS THE BILL
89.3'
36.0'
35' FRONT
60.0'
N88°42'54"E 124.78
R/W
R/W
N10°59'40"E 154.24

LOT 1
1.68 AC. (TOTAL)
(0.11 AC. IN R/W)

BRUCE W. HODGES
2020/1977

TAYLOR B. HAYES
2154/1924

CONC. CALC.
DRIVE = 1,106 SQ. FT.
WALK = 40 SQ. FT.

TURNERSBURG HIGHWAY
(60' R/W)

LEGEND
E.I.P. = EXISTING IRON FOUND
I.P.S. = #4 REBAR SET
R/W = RIGHT-OF-WAY
CP = COMPUTED POINT

NOTES
1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS AND/OR RIGHTS OF WAY OF RECORD.
2) ACREAGE COMPUTED BY THE COORDINATE METHOD.
3) UNDERGROUND POWER
4) NO GRID MONUMENT FOUND WITHIN 2000 FEET.
5) SETBACKS SHOWN PER ZONING ZONED IREDELL: RA

0' 30' 60' 100'
SCALE IN FEET

PLOT PLAN SURVEY

OF
TURNERSBURG HWY
PARCEL#: 4757898141

SCALE 1" = 60'
BETHANY TWSP., IREDELL CO., N.C.
ACQUIRED BY: HELMNSMAN HOMES

FIELD BOOK: N/A
FILE: TURNERSBURG HWY 1.DWG
DC FILE:
TAX MAP NO: 4757898141