ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # JH OSWP 2023 34645

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

PIN # 4636 -- 43 -- 8199 ✓

APPLICANT/OWNER: Mark Olejarczyk | APPLICANT ADDRESS: 134 Poinsetta Ln Mooresville NC 28117

SITE ADDRESS: 134 Poinsettia Ln Mooresville NC 28117 ✓ | PHONE: 720 544 3937 | ALT. PHONE —

SITE DIRECTIONS: 77S → (R) Brawley School Rd → (L) Stutts Rd → (R) Poinsetta Ln | SAP CONTROLLED: ☐ YES ☒ NO

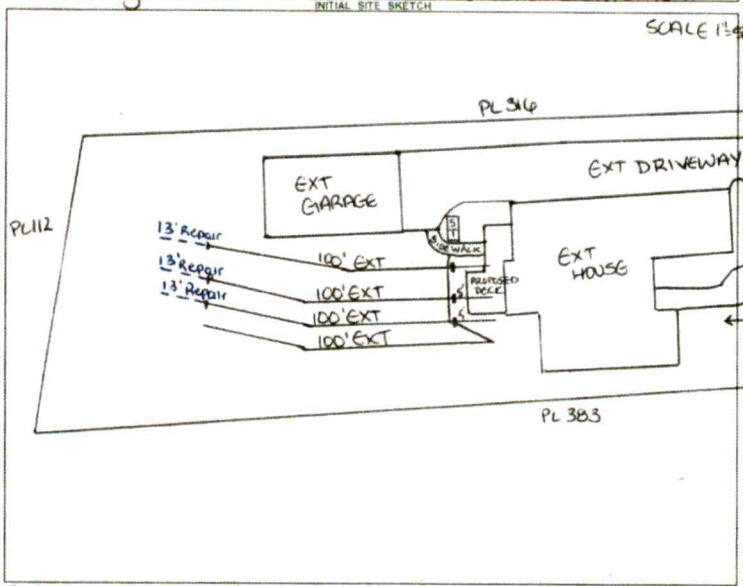
SUBDIVISION: Stutts Cove ✓ | SECTION: P2 LOT # 51 ✓ LOT AREA: 0.74 | DESIGN FLOW: 480 | L.T.A.R.: 0.3

Septic Tank	1000 (gal)	STB EXT	Date EXT	☐ 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: —				☐ Business	No. Persons	8	☒ Private
Pump Make	—	Model —	Serial # —	Repair System Description: Gravity 25% Reduction				☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines EXT 4	Linear Ft EXT 400' +30' REPAIR	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space		☐ Community
Trench Width	36"	Trench Bottom Depth(Low side)	36" MAX	Gravel Depth —	☒ GRAVITY	☐ PRESSURE		☐ Basement w/ plumbing			☐ Basement w/o plumbing

Comments / Conditions: Cut off lines 5' from deck posts. Earthen dam 5' from deck. Replace footage at end of lines. Supply line to go under sidewalk. Utilize serial distribution.

Install at current 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.

POINSETTIA LN

SEE ATTACHED

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: LENTZ WASTEWATER

IMPROVEMENT PERMIT by: Sarah Williams | Date: 9/5/2023 | OPERATION PERMIT by: Bryant C. White | Date: 9-25-2023

AUTHORIZATION TO CONSTRUCT by: Sarah Williams | Date: 9/5/2023 | 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? _____	

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # SH OSWP 2023 34645

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

PIN # 4636 -- 43 -- 8199

APPLICANT/OWNER: Mark Olejarczyk | APPLICANT ADDRESS: 134 Poinsetta Ln Mooresville NC 28117

SITE ADDRESS: 134 Poinsetta Ln Mooresville NC 28117 | PHONE: 720 544 3937 | ALT. PHONE: —

SITE DIRECTIONS: 775 → (R) Brawley School Rd → (L) Stutts Rd → (R) Poinsetta Ln | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Stutts Cove | SECTION: P2 | LOT # 57 | LOT AREA: 0.74 | DESIGN FLOW: 480 | L.T.A.R.: 0.3

Septic Tank	1000 (gal)	STB EXT	Date EXT	☐ New System	☒ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 4
Pump Tank	— (gal)	PT —	Date —	System Description: —				☐ Business	No. Persons 8
Pump Make	—	Model —	Serial # —	Repair System Description: Gravity 25% Reduction				☐ Other	No. Employees
# Nitrification Fields	1	# Lines EXT 4	Linear Ft EXT 400' +39' Repair	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space
Trench Width	36"	Trench Bottom Depth(Low side)	36" MAX	Gravel Depth —	☒ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing

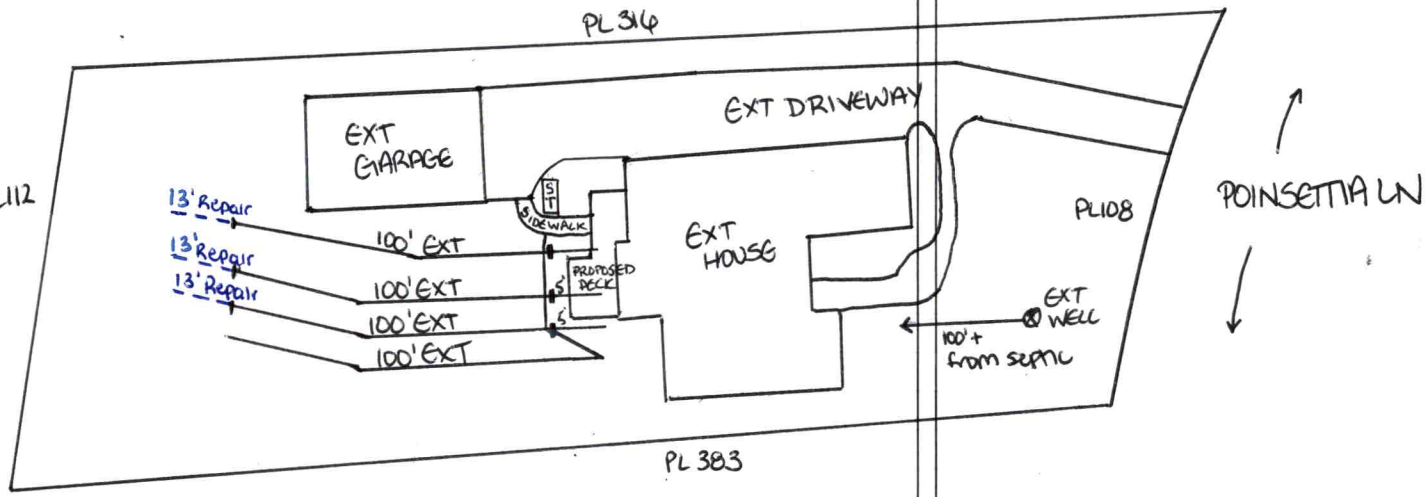
Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Cut off lines 5' from deck posts. Earthen dam 5' from deck. Replace footage at end of lines. Supply line to go under sidewalk. Utilize serial distribution.

Install at current trench depth.

INITIAL SITE SKETCH

SCALE 1"=50'



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.

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☐ **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:

IMPROVEMENT PERMIT by: Sarah Williams | Date: 9/5/2023 | OPERATION PERMIT by: | Date:

AUTHORIZATION TO CONSTRUCT by: Sarah Williams | Date: 9/5/2023 | Existing System Inspected by: | Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

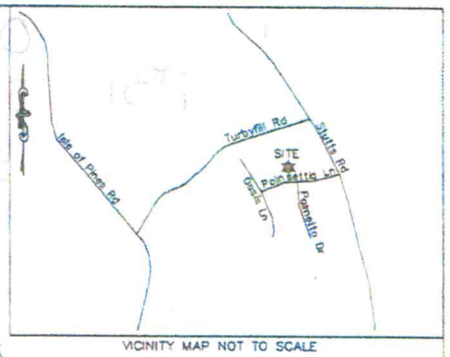
I, JOEL H. PATTERSON III, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; DEED DESCRIPTION AND/OR MAP BOOK SEE PAGE NOTE #2; THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN BOOK ____ PAGE ____; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600). WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS ____ DAY OF _____ 2021.

JOEL H. PATTERSON III, PLS
LICENSE NUMBER: L-3717

NORTH CAROLINA PROFESSIONAL SEAL L-3717 LAND SURVEYOR JOEL H. PATTERSON, III

LEGEND
R/W = Right-of-way
= Orange Repair Flag

PB: 32, PG: 15
Dated: 1/14/1999



VICINITY MAP NOT TO SCALE

GRAPHIC SCALE
40 0 20 40
(IN FEET)
1 inch = 40 feet

TAX ID: 4636-43-8449
LOT 39
MICHAEL J & KAREN S VANCLEAVE
DB: 2625 PG: 328
PB: 31 PG: 73

TAX ID: 4636-43-7520
LOT 38
TODD JASON FARLOW
DB: 1472 PG: 2517
PB: 31 PG: 73

TAX ID: 4636-43-7308
LOT 27A
CHRISTOPHER J & STACY SHEEHAN
DB: 2466 PG: 753
PB: 32 PG: 15

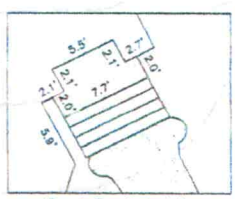
TAX ID: 4636-53-1220
LOT 49
KIMBERLY LORENZANO
DB: 1654 PG: 1472
PB: 32 PG: 15

TAX ID: 4636-53-0200
LOT 50
DAVID J & EMILY H WRIGHT
DB: 1735 PG: 769
PB: 32 PG: 15

TAX ID: 4636-43-6261
LOT 34
TIMOTHY & DENISE BILOHLAVEK
DB: 2407 PG: 833
PB: 32 PG: 15

TAX ID: 4636-43-7120
LOT 33
DAVID & ANNIE CRUTCHFIELD
DB: 2474 PG: 771
PB: 32 PG: 15

Found #4 Rebar
32.08'
Found Concrete Monument
79.92'
N75°16'28"E 112.00' (Total)
Found #4 Rebar
Lot 51
0.74 Acres
32,134 Sq. Ft.
35' Rear Setback
15' Side Setback
Septic Lines as flagged by others
61.72'
Found #5 Rebar
15' Side Setback
N27°32'52"W 117.99'
N27°32'52"W 300.60' (Total)
Found #4 Rebar
Yellow
Orange
Blue
Red
Pink
Septic Tank
Covered Deck
Uncovered Deck
2-Story Frame & Brick Residence on Crawlspace
Covered Porch (See Detail)
Concrete Drive/Walk
S25°52'05"E 315.76'
120.69'
35' Front Setback
Found #5 Rebar
Found #5 Rebar
C1
L1
R/W
BOC
R/W
POINSETTIA LN
45' Public R/W
PB: 32 PG: 15
REPAIR



Front Porch Detail
1" = 10'

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N88°58'19"W	1.62'

CURVE TABLE				
CURVE	RADIUS	ARC	BEARING	CHORD
C1	436.96'	106.26'	S 84°05'49" W	106.00'

SURVEYOR NOTES

1) ALL DIMENSIONS SHOWN ARE IN US SURVEY FEET AND DECIMALS THEREOF AND ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE INDICATED. AREA BY COORDINATE METHOD.

2) THIS SURVEY IS BASED ON DEED BOOK 2355 PAGE 320 AND PLAT BOOK 32 PAGE 15 AS RECORDED AT THE IREDELL COUNTY REGISTER OF DEEDS.

3) THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE EXAMINATION BY AN ATTORNEY. THE PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS-OF-WAY, EASEMENTS, RESTRICTIVE COVENANTS OR CONDITIONS NOT OBSERVED OR SHOWN HEREON.

4) THIS LOT LIES WITHIN A SUBDIVISION THAT WAS PREVIOUSLY TIED TO THE NORTH CAROLINA GRID SYSTEM.

5) BASIS OF BEARINGS: PLAT BOOK 32 PAGE 15 - DATED: JANUARY 14, 1999.

6) THE LOCATION OF UTILITIES AS SHOWN HEREON, WHETHER PUBLIC OR PRIVATE, ARE BASED ON THE LOCATION OF VISIBLE ABOVE GROUND APPURTENANCES ONLY. OTHER UTILITIES WHICH WERE NOT OBSERVED AND NOT SHOWN HERON MAY EXIST. IT IS THE OWNERS/TENANTS RESPONSIBILITY. PATTERSON LAND SURVEYING, P.A. CANNOT ASSUME RESPONSIBILITY FOR MISIDENTIFICATION OR OMISSION OF UNDERGROUND UTILITIES.

7) THIS SURVEY IS OF AN EXISTING PARCEL OR PARCELS OF LAND AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.

8) THIS PROPERTY LIES IN FLOOD ZONE "X" AND "AE" AS SHOWN ON FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL 3710463600J, WITH AN EFFECTIVE DATE OF MARCH 18, 2008.

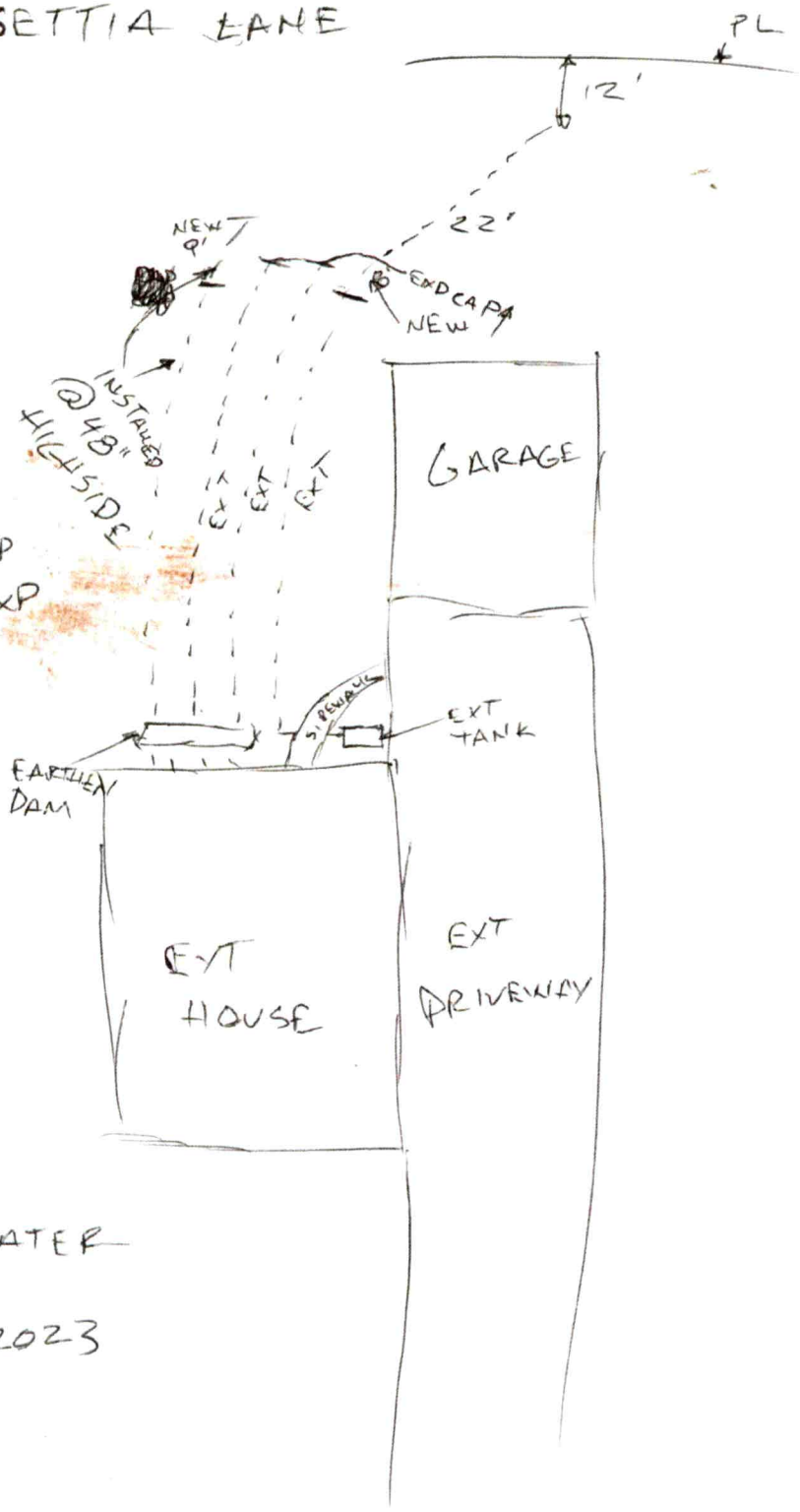
PHYSICAL SURVEY
OF
LOT 51
STUTTS COVE, PHASE II
PLAT BOOK 32 PAGE 16
134 POINSETTIA LN
MOORESVILLE TOWNSHIP, IREDELL COUNTY, NORTH CAROLINA

Prepared For (Owner):
MARK E & LAURA A OLEJARCZYK
134 POINSETTIA LN
MOORESVILLE, NC 28117

PATTERSON LAND SURVEYING, P.A.
NC LICENSE #: C-3390
P.O. BOX 5010, MOORESVILLE, NC 28117
PHONE: 704-663-0110 EMAIL: pattersonlandsurveying@gmail.com

Drawn By: SAG	Checked By: JHP	Scale	Project No.
Tax Parcel ID: 4636-43-8199		1" = 40'	21068
Date: November 4, 2021			Sheet No.
File: 21068			1 of 1

134 POINSETTIA LANE



PIT 1

0-10 FILL MIXED
10-31 C, SBK fR, S, P, SEXP
31-60 CL, K SBK fR, SS, SP, SEXP

SAP INC
THIRD OUT
PS
3

INSTALLED
BY
LENTZ
WASTEWATER

9-25-2023

POINSETTIA

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

REPAIR

Sheet 1 of 1
PROPERTY ID #: —
COUNTY: —

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

IREDELL
4636438199

OWNER: Mark Olejarczyk
ADDRESS: 134 Poinsetta Ln Mooresville
PROPOSED FACILITY: SFR REPAIR
LOCATION OF SITE: 134 Poinsetta Ln Mooresville
WATER SUPPLY: ~~Private~~ Public (Well) Spring Other —
EVALUATION METHOD: (Auger Boring) Pit Cut

APPLICATION DATE —
DATE EVALUATED: 8/30/23
PROPOSED DESIGN FLOW (.1949): 480
PROPERTY SIZE: 0.74
PROPERTY RECORDED: Y
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
AB 1	2-3% LS	0-3	CL BK	SSSP SE FR	SAP Heavy incl in CL 13"-48"	48		—	PS 0.3
		3-13	C BK	↓					
		13-48	CL BK	↓					
AB 2	2-3% LS	0-2	CL BK	SS SPSE FR	SAP Heavy incl in CL 16"-48"	48		—	PS 0.3
		2-16	C BK	↓					
		16-48	CL BK	↓					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	MPSA	~~0000~~ PS
System Type(s)	MMM	Gravity
Site LTAR	MMM	0.3

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS 0.3 REPAIR
EVALUATED BY: S. Williams
OTHER(S) PRESENT: —

COMMENTS:

MARK 720-544-3937

IREDELL COUNTY HEALTH DEPARTMENT

STATESVILLE 704-878-5305 / 30.00 Fee paid MOORESVILLE 704-664-5281

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

PERMIT# 126952 PIN# 4636438199 DATE 4-6-05

OWNER OR CONTRACTOR Scott Ward Construction PHONE: Business 799-7441 Home 779-4277 Cell

ADDRESS 139 Poinsettia Lane Mooresville, NC 28117

LOCATION Brawley School Rd TL Stutts & TR Poinsettia on right

SUBDIVISION Stutts Cove BLOCK / SECTION ____ LOT 51 LOT AREA .739 Acre SITE CLASS. PS DESIGN FLOW 480gpd L.T.A.R. .3

Septic Tank: 1000 Gallons; STB 160 Date 8/9/05

Pump Tank: ____ Gallons; PT ____ Date ____

Pump Make: ____ Model ____ Serial No. ____

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

No. Lines 5@80' Trench Width 36" Max Trench Bottom Depth 36" Gravel Depth N/A

[X] New System [ ] Repair System Type: I, II, III, IV, V, VI

System Description: Gravity - 25% Reduction

Repair System Description: Grav/Pump - 25% - 50% Reduction

Maintenance Agreement Required [ ] Yes [X] No

[X] House/Mod. Home [ ] Mobile Home [ ] Business [ ] Other

No. Bedrooms 4 No. Bathrooms 4 No. Employees ____

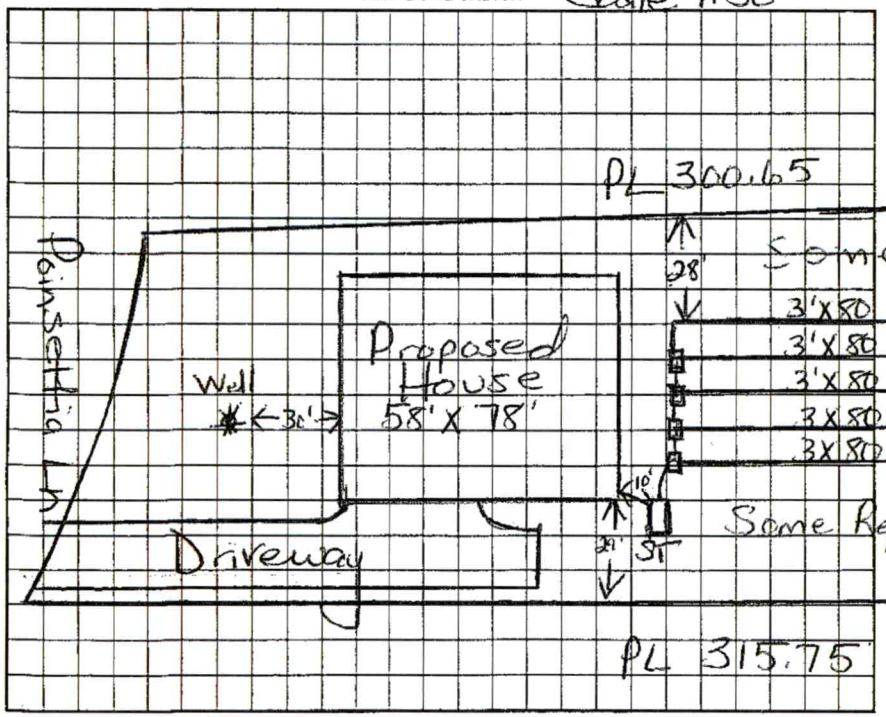
[ ] Slab [X] Crawl Space [ ] Basement w/plumbing [ ] Basement wo/plumbing

Water Supply: [X] Individual [ ] Public [ ] Community

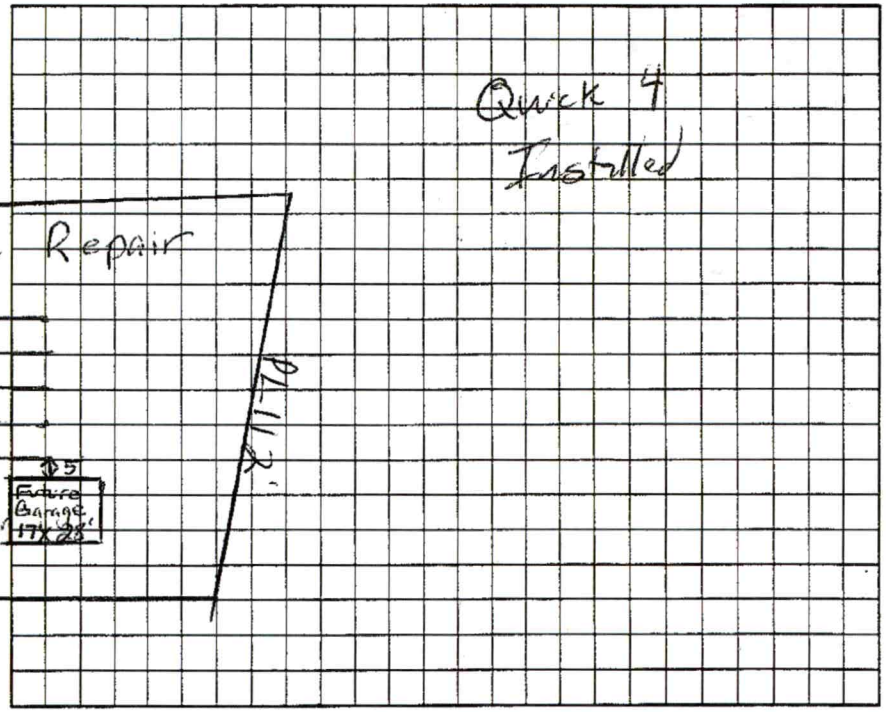
Comments/Conditions: Keep Septic System 10' from house, at least 10' From PL & 100' to well.

Comments/Conditions: Note: May be able to install in 4-100' lines if more trees cleared out.

INITIAL SITE SKETCH Scale 1:50



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. Improvement Permit with plat valid without expiration. Improvement Permit with site plan valid for sixty months. Authorization to Construct is valid for a period equal to that of Improvement Permit – not to exceed sixty months.

Signed: Scott Ward date 4/7/05 Installed by: Leatherman Septic

Improvement Permit by: Maria H. Dotson date 4/7/05 Operation Permit by: RS date 9/15/05

Authorization to Construct by: Maria H. Dotson date 4/7/05 Existing System Inspection by: ____ date ____

HEALTH DEPT. COPY: WHITE OWNER COPY (FINAL): YELLOW OWNER COPY (INITIAL): PINK