ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # ~~AP~~ OSWP-2022-2100

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

PIN # 4627 -- 80 -- 3256

APPLICANT/OWNER: Gary McNeely | APPLICANT ADDRESS: 2630 Statesville Blvd Salisbury NC 28147

SITE ADDRESS: 690 Beaten Path Rd Mooresville NC 28117 | PHONE: 704-310-1832 | ALT. PHONE

SITE DIRECTIONS: (W) Brawley School → (R) Blume → (L) Beaten Path → lot on (R) | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: C. L. & T. | SECTION: 9 | LOT # 24 | LOT AREA: 0.7 ac | DESIGN FLOW: 480 gpd | L.T.A.R.: 0.35

Septic Tank	1000 (gal)	STB	Date	☐ 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:	Ex. Bed + NPPBPS	☐ Business	No. Persons	8	☒ Private
Pump Make		Model	Serial #	Repair System Description:	TS-II Drip	☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines	1 + ex. bed	Linear Ft	57'	Maintenance Agreement Required: ☐ YES ☒ NO	☐ Slab	☐ Crawl Space	☐ Community
Trench Width	24" min	Trench Bottom Depth(Low side)	36"	Gravel Depth	existing	☒ GRAVITY ☐ PRESSURE	☒ Basement w/ plumbing		☐ Basement w/o plumbing

Comments / Conditions: Pump, crush & fill existing tank, Replace distribution to feed as shown on plan.

50' buffer & pool area must be staked during installation.

INITIAL SITE SKETCH

See attached site plan & plan by Michael Athanas & Assoc, approved 9/7/22

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 Shown

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**

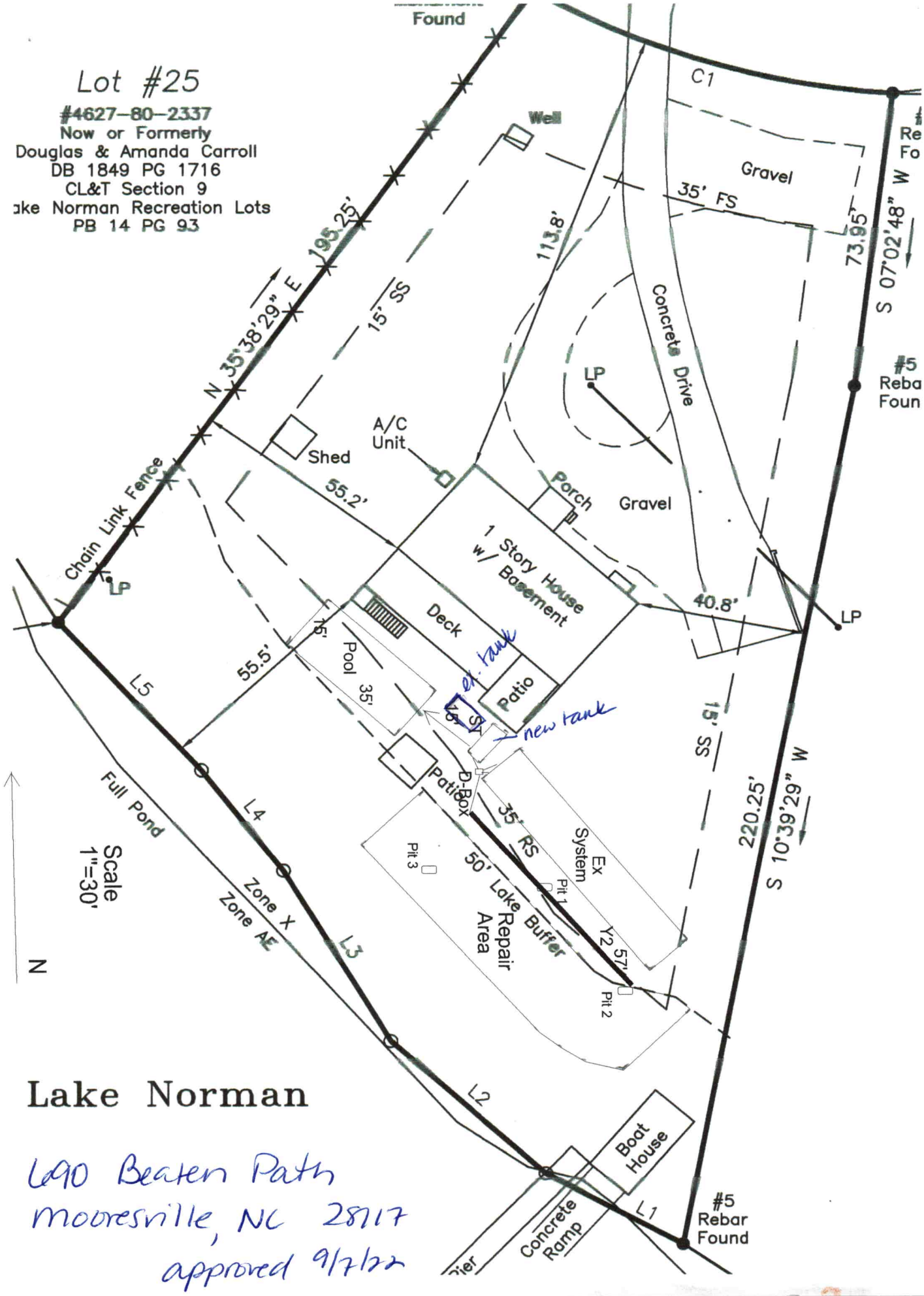
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Emergov | Date: | Installed by: Abernathy

IMPROVEMENT PERMIT by: D. Wieberg | Date: 9/7/22 | OPERATION PERMIT by: Sydney Holland | Date: 11/21/23

AUTHORIZATION TO CONSTRUCT by: D Wieberg | Date: 9/15/22 | Existing System Inspected by: | Date:

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



Lake Norman

L090 Beaten Path
Mooresville, NC 28117
approved 9/7/22

MA&A
SOIL & ENVIRONMENTAL CONSULTANTS

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
556Walden Trail
Weddington, NC 28173
(704) 576-3887
8/17/2022

Reference: Data Sheet for 690 Beaten Path Rd, CL&T Sec 9 Lot 24
House Footprint: See attached plan
Building Setbacks: 35' front, rear, 15' side, 50' lake
Water Source: Private well
Number of Bedrooms/Daily Flow: 4/480 GPD
Proposed LTAR: 0.35 GPD/FT^2 (initial), 0.125 GPD/FT^2 (repair)
Proposed System Type: Existing Conventional Bed + PPBPS
Proposed Repair System Type: TSII Pretreat Drip Dispersal
Distribution: Gravity-Distribution box
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 36"



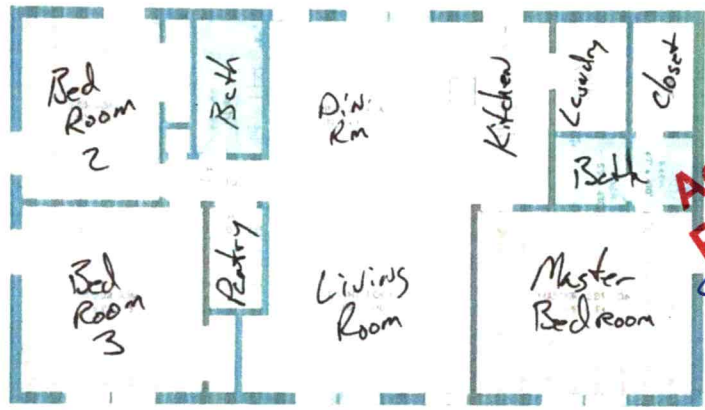
Line	Design Length	Actual Length
Orange – Existing Conventional Bed		
Yellow 2	**57'**	**57'**

Initial System: Ex Bed + 57' PPBPS **Repair System:** 1700 FT^2

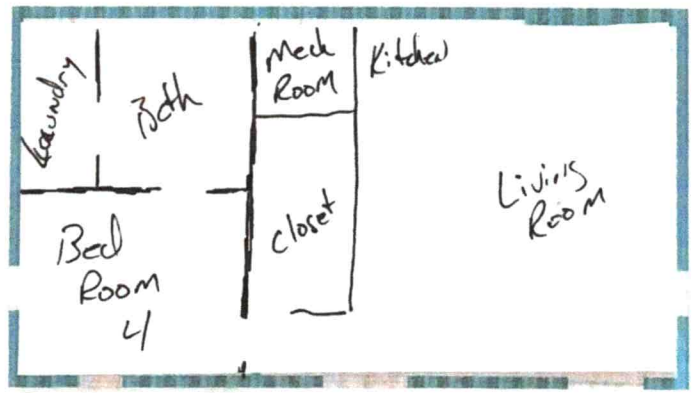
Comments:
MA&A are adding to the existing, three bedroom bed with one bedroom of PPBPS. The existing septic tank will be replaced. The distribution box should be set to feed the bed first and then overflow to the new PPBPS system.

Please note this design is only intended for the use of two people per bedroom for a total design flow of 480 GPD and a total occupancy of 8 people. It is intended for residential use only, no commercial use. Please note once a septic system reaches 80% of the designed flow you are reaching the maximum ability of the septic system. Additional occupancy could lead to premature failure of the septic system.

1st Floor



Basement



Acknowledgement Of Plans Submittal ONLY!

Anthony Zuniga Date 9/15/22

Date

690 Benton Rd
Mooresville NC 28117

PERMIT SNAPSHOT REPORT OSWP-2022-2100 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Improvement Permit
Status: PRIORITY PERMIT
Valuation: $0.00
Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Wieberg, Danielle
App Date: 08/19/2022
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Description: septic expansion EXP REVIEW PERMIT - NEEDS ZONING FOR POOL ONLY; NOT CHANGING THE FOOT PRINT OF THE HOME.
Exp Review

Parcel: 4627803256.000 Main
Address: 690 Beaten Path Rd Main
Mooresville, NC 28117
Zone: R-20(Suburban Residential District)

Applicant/Authorized Agent
Michael Athanas & Associates
Gary McNeely
2630 Statesville Blvd
Salisbury, NC 28147
Mobile: (704) 310-1832

Property Owner
ANTHONY III+LAURIE ZURICK

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	See Attached plan	What are the proposed structures	Bedroom(s) Addition
If other Addition/Structure, please explain		Maximum Number of Bedrooms	4	Number of Occupants	8
Foundation Type	Basement with Plumbing	Water Supply	Existing Well	Desired Septic System Type	Modified Conventional
If other septic system type, please explain		Has this project been approved by TRC	No	Lot Acreage	0.71
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	Zoning Notes/Addendums	Swimming Pool: Must meet requirement R22 of the LDC. Pools shall be located to comply with minimum setbacks for accessory structures- located behind front building line of house, 10' from side & rear property line. Lake lots must meet the 50' setback from the 760 contour line AND the 35' setback from the rear property line. Pools that are not an integral part of the principal building shall be located at least the minimum distance from the principal building necessary to comply with N.C. Building Code. Setback from house could be +/-10'. Fenced with a minimum 4' in height, and equipped with self-closing and positive self-latching gate provided with hardware for permanent locking. Fence not required for above ground pools if they are at least 4' in height, the ladder removed, or when NOT in use have a gate to the ladder as described above. SETBACK TO STRUCTURE COULD BE MORE OR LESS DEPENDING UPON THE BUILDING CODE; HOWEVER THERE IS A ? FT SET BACK FROM THE PROPERTY LINE.*The setback could change depending on the structure and size of the structure.		

pump/ chish

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Anthony Zurick_____ APPLICATION DATE_____
ADDRESS: 690 Beaten Path Rd, Mooresville, NC 28117_____ DATE EVALUATED: _7/2022_____
PROPOSED FACILITY: __4 BDRM_____PROPOSED DESIGN FLOW (.1949): _480 GPD____ PROPERTY SIZE: __0.71 AC_____
LOCATION OF SITE: 690 Beaten Path Rd, CL&T Sec 9 Lot 24_____PROPERTY RECORDED: _5/9/1977_____
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)		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	
1	LS 4%	0-18	R C SBK	FR SS SP SXP	N/A	54"	N/A	N/A	PS 0.35-0.4
		18-54	R CL WSBK	FR SS SP SXP					
2	LS 4%	0-22	R C SBK	FR SS SP SXP	N/A	50"	N/A	N/A	PS 0.35-0.4
		22-50	R CL WSBK	FR SS SP SXP					
3	LS 4%	0-5	Br CL WSBK	FR SS SP SXP	N/A	48"	N/A	N/A	PS 0.35-0.4
		5-15	R C SBK	FR SS SP SXP					
		15-48	R CL WSBK	FR SS SP SXP					
4									

Mica sap incl common

mica & sap incl common

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	Ex Sys+114FT^2	1700 FT^2
System Type(s)	Ex Sys+PPBPS	TSII DRIP
Site LTAR	0.35	0.125

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____PS_____
EVALUATED BY: _____MA&A_____
OTHER(S) PRESENT: _____

COMMENTS:_____

4627803256

IREDELL COUNTY HEALTH DEPARTMENT

(SEPTIC TANK) IMPROVEMENTS PERMIT AND CERTIFICATE OF COMPLETION

(Ground Absorption Sewage Disposal System – G. S. Chapter 130-Article 13C)

OWNER OR CONTRACTOR Claude Dellinger DATE 12-2-80 PERMIT NO. 353

PHONE: Business _____ Home _____

LOCATION 1100 TR 1178 TR 1443 TR 1444 ~ 1½ mile on R

SUBDIVISION NAME Lake Norman S. R. No. _____

LOT NO. 24 SECTION OR BLOCK NO. 9

House (X) Mobile Home ( ) Business ( ) Other Remodeling –

No. Bedrooms 3 No. Bathrooms 2

Garbage Disposal Unit	Yes ( )	No (X)
Auto. Dishwasher	Yes (X)	No ( )
Auto. Wash. Machine	Yes (X)	No ( )
Site Suitable	Yes (X)	No ( )

Lot Area ~ ¾ ACRE

Character & Porosity of Soil clay loam

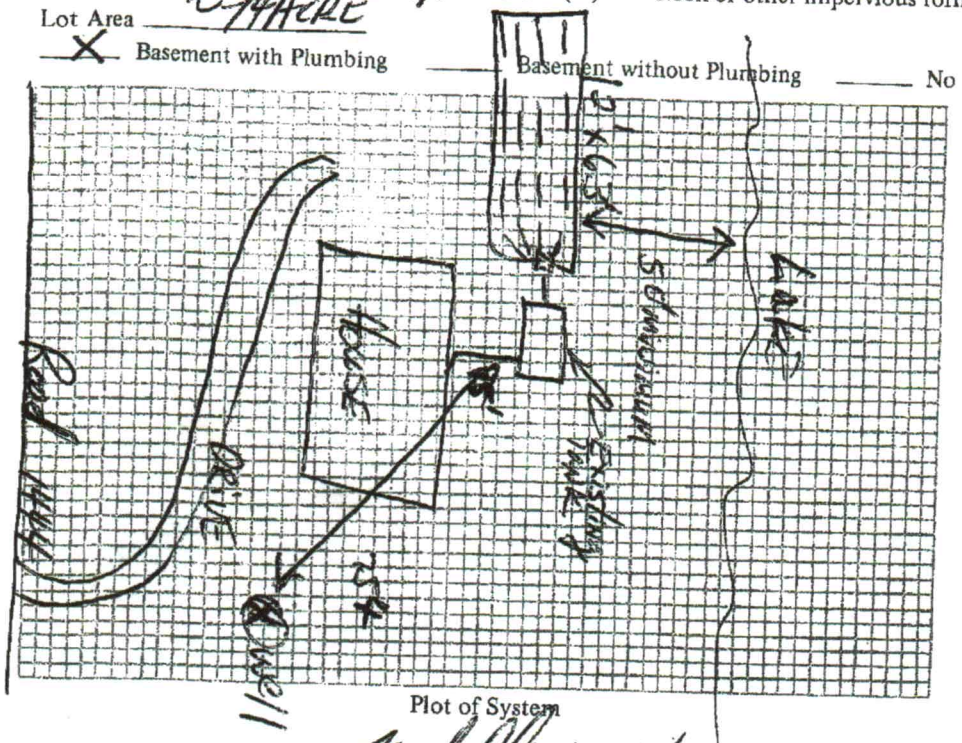
Percolation Rate 8 Min

Topography 2-8%

Depth to Water Table 4 ft

Rock or other impervious formations None observed

X Basement with Plumbing ____ Basement without Plumbing ____ No Basement



Plot of System

Size of Tank Existing Gals.

Nitrification Field:

No. of Lines 4

Sq. Ft. 250 Linear Ft. 250

Depth of Stone in Lines 16"

Water Supply: Individual (X)

Public ( )

Installed by F. J. Cain Co.

I understand and agree to install septic tank system as specified on this Improvements Permit.

Signed: _____

IMPROVEMENTS PERMIT BY Fred Clemmer

COMMENTS: _____

CERTIFICATE OF COMPLETION BY Fred Clemmer DATE 12-2-80

EXISTING SYSTEM CHECKED BY: _____ DATE _____

CONSTRUCTION MUST COMPLY WITH ALL OTHER APPLICABLE STATE AND LOCAL REGULATIONS.

Permit is VOID if any unauthorized changes are made in installation of system and/or if any false information is supplied in making Improvements Permit.

Health Dept. Copy: White Inspection Dept. Copy: Yellow Sanitarian's Copy: Pink Owner's Copy: Gold