morning 52247

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. 17469 DATE 12-22-93 TAX MAP NO. 8K-10-A-3 Watershed: ☐ Yes ☑ No

OWNER OR CONTRACTOR William McDaniel (Jerry Engram - owner) PHONE: Business mobile # 838-2255 Home 872-5101

ADDRESS Rt. 14 Box 161 Statesville, N.C. 28677

LOCATION I-40W TL Old Mtn. Rd TR Warren Estates (Pleasant Dr.) 1st Lot on L.

SUBDIVISION Warren Estates BLOCK / SECTION — LOT 3 LOT AREA 1.6 acres SITE CLASS. P.S. DESIGN FLOW 360 L.T.A.R. .27 gpd / ft²

Septic Tank: 1000 min. Gallons; STB 1012 Date 8-13-94
Pump Tank: 1000 Gallons; PT 169 Date 7-22-94
Pump Make: Liberty Model 1/2 HP Serial No. LE 51 A
Nitrification Field: No. Fields 1 Square Feet 1350 Linear Feet 450
No Lines 3 Trench Width 36" Max Trench Bottom Depth 18" Gravel Depth 12"

☑ New System ☐ Repair System Type: I, II, ☐ IV, V, VI
System Description: pump to conventional
Repair System Description: pump to conventional
Maintenance Agreement Required: ☐ Yes ☑ No

☑ House/Mod. Home ☐ Mobile Home ☐ Business ☐ Other
No. Bedrooms 3 No. Bathrooms 2 No. Employees

Water Supply: ☑ Individual ☐ Community ☐ Public

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

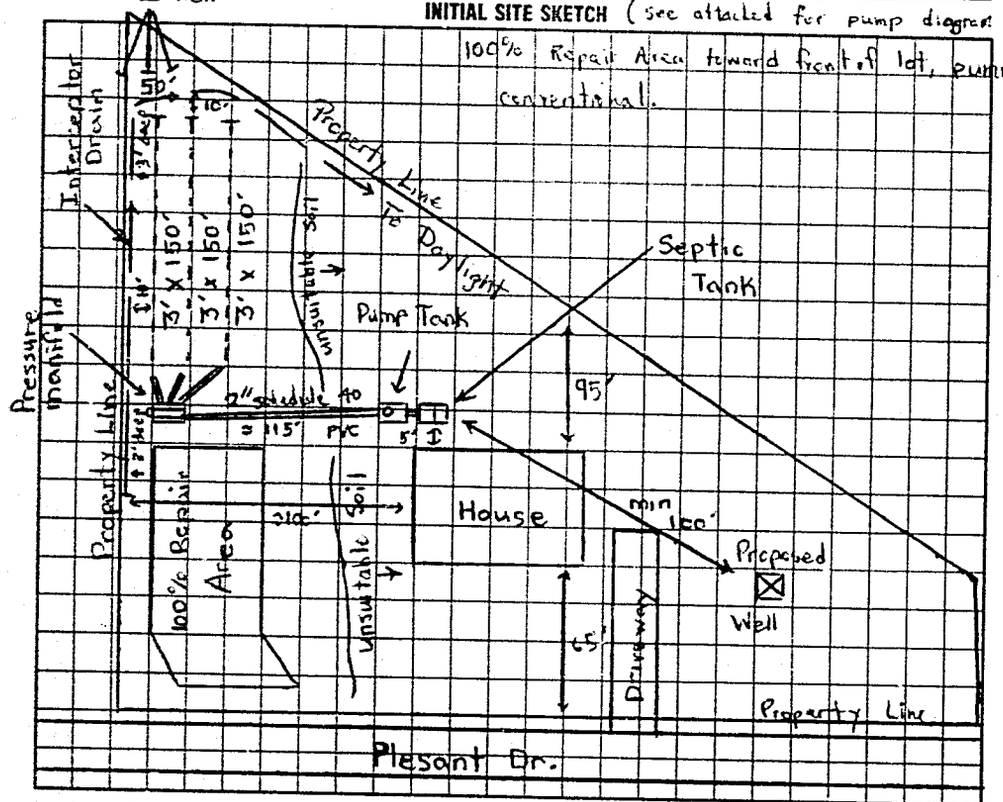
Comments: Pump to pressure manifold. INSTALL SYSTEM SHALLOW (no deeper than 15" to trench bottom) Keep Nitrification Lines on contour. Install interceptor drain around septic system, min. 3' deep and gravel up to 6" to surface, run to daylight. Install pump that will deliver 36 gpm at 16.07 TDH

Comments: 1st line of system installed too deep (36" to trench bottom) Pulled pipe and gravel out and filled back in. Sloped down from it and installed system. Caught installer after only first line (36" to trench bottom) was installed. Pushed system down the hill approx 5'. Inspected drain pressure manifold, Alarm, floats, NEMA 4X Box on 11-29-94 Also inspected tanks on 11-3-94 Inspected interceptor drain on 11-8-94. It was only 2½' deep and part of it was no 10' from drain lines. They will re-do and call back. Re-Inspected Interceptor drain on 11-13-94 JCM

SAME AS INITIAL SKETCH

* except system is 5' further down hill due to improper installation of 1st line.

INITIAL SITE SKETCH (See attached for pump diagram and pressure manifold diagram)



AS BUILT SKETCH lines on 11-3-94.

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. Improvement Permit is valid for 60 months from date of issuance.

Signed: [signature]

Improvement Permit by: [signature] / J.C. Moore date 12-22-93

Existing System Inspection by: _____ date _____

Installed by: Hope Brothers.

Certificate of Completion by: ~~[signature] date 12-29-94~~

Operation Permit by: J.C. Moore [signature] date 12-29-94

HEALTH DEPT. COPY. WHITE — INSPECTION COPY (FINAL): GREEN — OWNER COPY (FINAL): YELLOW — INSPECTION COPY (INITIAL): PINK — OWNER COPY (INITIAL): GOLD