IREDELL COUNTY HEALTH DEPARTMENT

THIS PERMIT REPLACES PREVIOUS ISSUED 3/24/05

STATESVILLE 704-878-5305 MOORESVILLE 704-664-5281

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

PERMIT # ~~09514315432~~ 4699-09-4025 DATE OCTOBER 22, 2009

OWNER or APPLICANT JACK GREENE PHONE: Business 704-450-5937 Home: 704-528-4995

OWNER or APPLICANT ADDRESS 141 PINEVILLE ROAD STATESVILLE NC 28677

LOCATION / DIRECTIONS STATE PARK ROAD TO LOBOLLY DRIVE, TR SUPREME COURT, 1ST LOT ON LEFT

SUBDIVISION OLD HOMESTEAD BLOCK / SECTION II LOT # 11 LOT AREA 0.46Ac DESIGN FLOW 360 L.T.A.R. 0.3 / 0.15 (LPP)

TRAFFIC RATED

Septic Tank ~~EXISTING~~ 1000 Gallons: STB ~~1000~~ 1000 Date ~~10-6-08~~ 10-6-09

Pump Tank 1000 Gallons: P T 17 Date 1-11-2010

Pump Make GOULDS Model WE0521HH Serial # ~~E0928477~~ E0928477

Nitrification Field No Fields 1 No Lines 4 Linear Feet 100

Trench Width 18" Max. Trench Bottom Depth 18" Gravel Depth 12" ☐ GRAVITY ☑ PRESSURE

☑ New System ☐ Repair ☐ Expansion System Type I, II, III, (IV), V, VI

System Description: LOW-PRESS. PIPE // PANEL

Repair System Description: NONE AVAILABLE

Maintenance Agreement Required ☑ YES ☐ NO

☑ Residence No. Bedrooms 3 ☐ Business No. Persons ☐ Other No. Employees ☐ Slab ☐ Crawl Space ☑ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply ☑ Private ☐ Public ☐ Community

Comments / Conditions

Comments / Conditions

INITIAL SITE SKETCH

1. INSTALL 4 ADDITIONAL LPP LINES ALONG WITH THE EXISTING PPBPS LINES.
2. SEE ATTACHED SHEETS (FIVE) FOR SYSTEM SPECIFICATIONS, SITE SKETCH, CENTRAL VALVE BOX, PUMP TANK, & LATERALS SKETCHES
3. SLEEVE LATERALS IN 4" CORRUGATED PIPE
4. DRILL 5/32" ORIFICES FACING UPWARDS EXCEPT FOR ONE IN THE CENTER FACE DOWN.
5. USE ONE 90-DEGREE BEND FOR LATERAL TURN-UPS.
6. USE GEOTEXTILE FABRIC OVER TRENCH AT THE GRAVEL / BACKFILL INTERFACE
7. USE 1" GATE VALVES AT MANIFOLD FOR ADJUSTING PRESSURE INTO 1-¼" LATERALS.
8. EXISTING PANEL LINE (#7) TO BE VALVED OFF.
9. PRE-CONSTRUCTION CONSULTATION VISIT AT SITE WITH CERTIFIED INSTALLER REQUIRED PRIOR TO BEGINNING INSTALLATION.

AS BUILT SKETCH

SYSTEM INSTALLED ACCORDING TO INITIAL SITE 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 w / plat valid without expiration.* ☑ *IMPROVEMENT PERMIT w / site plan valid for 60 mos.* ☐ *AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT-not to exceed 60 mo.*

Owner / Applicant Signature: J W Greene Date 10/25/05

Improvement Permit by: STEVE HEDRICK Date 10/22/05

Authorization to Construct by: STEVE HEDRICK Date 10/22/05

YOU SHOULD CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION.

Installed by: PIEDMONT BACKHOE

Operation Permit by: STEVE HEDRICK Date: 2-2-11

Existing System Inspected by: Date:

WHITE COPY Environmental Health YELLOW COPY (Final) Owner / Applicant PINK COPY (Initial) Owner / Applicant

(1)

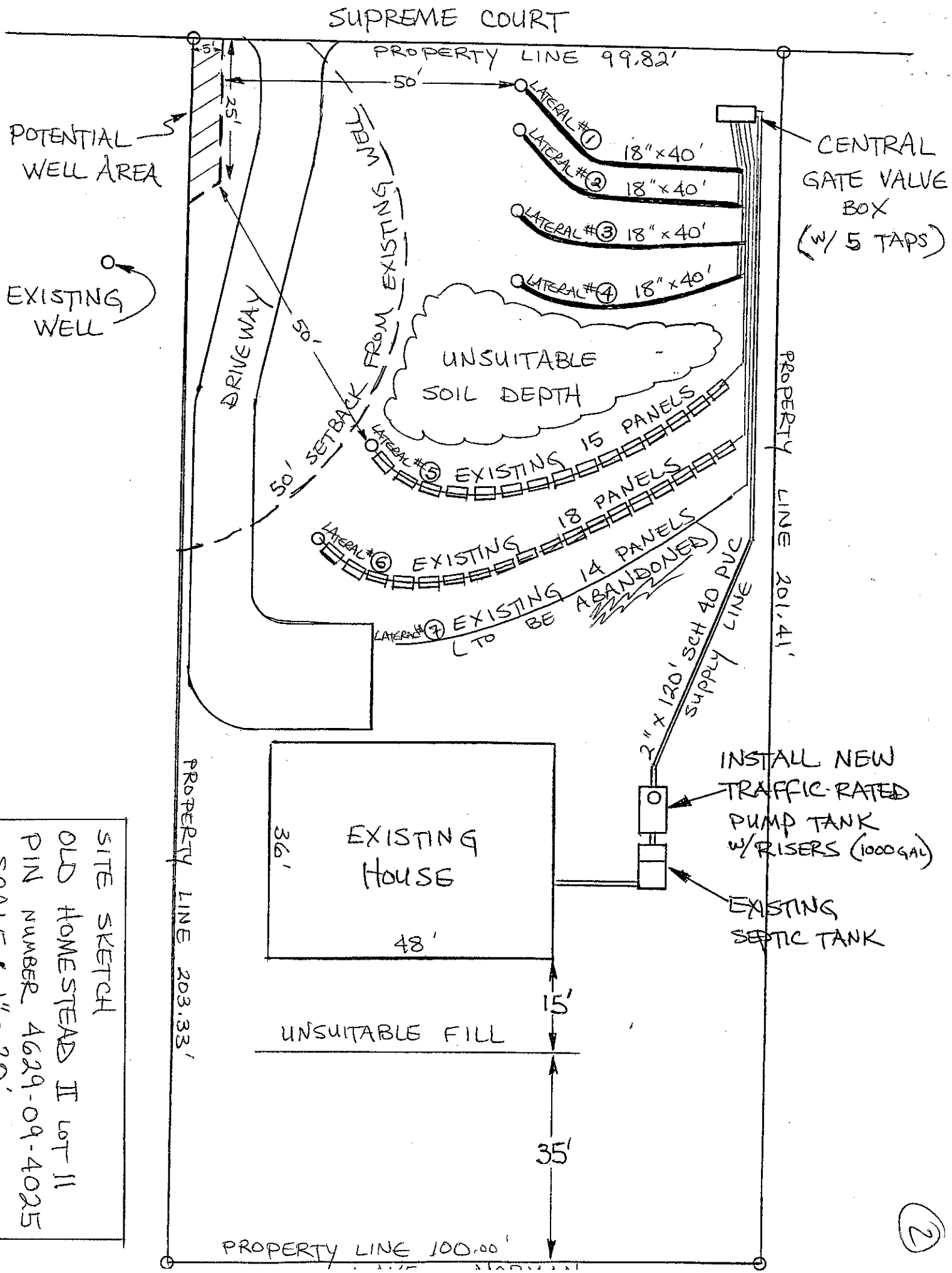
System Specifications

Old Homestead II lot 11

PIN # 4692-09-4025

Lateral #	Length (feet)	# Holes	Hole Spacing	Pressure Head	Flow/Orifice (gpm)	Flow/Lateral (gpm)	Pump Run (minutes)	Dose (gallons)
1	40	7	5' 8"	2.0 ft	0.41	2.87	8	23.0
2	40	6	6' 8"	2.8 ft	0.47	2.82	8	22.6
3	40	6	6' 8"	2.0 ft	0.41	2.46	8	19.7
4	40	5	8' 0"	2.7 ft	0.47	2.35	8	18.8
5	65	15	panels	2.0 ft	0.41	6.15	8	49.2
6	78	18	panels	2.0 ft	0.41	7.38	8	59.0
Linear Feet =	303				Total Flow (gpm) =	24.03	Total Dosing Volume =	192.2

USE 5/32" HOLE SIZE


SUPREME COURT
PROPERTY LINE 99.82'
5'
25'
50'
POTENTIAL WELL AREA
EXISTING WELL
DRIVEWAY
50' FROM EXISTING WELL
50' SETBACK
LATERAL #1 18"×40'
LATERAL #2 18"×40'
LATERAL #3 18"×40'
LATERAL #4 18"×40'
CENTRAL GATE VALVE BOX (W/ 5 TAPS)
UNSUITABLE SOIL DEPTH
LATERAL #5 EXISTING 15 PANELS
LATERAL #6 EXISTING 18 PANELS
LATERAL #7 EXISTING 14 PANELS
TO BE ABANDONED
2" × 120' SCH 40 PVC SUPPLY LINE
PROPERTY LINE 201.41'
INSTALL NEW TRAFFIC-RATED PUMP TANK W/RISERS (1000 GAL)
EXISTING SEPTIC TANK
EXISTING HOUSE
36'
48'
15'
UNSUITABLE FILL
35'
PROPERTY LINE 203.33'
PROPERTY LINE 100.00'
SITE SKETCH
OLD HOMESTEAD II LOT 11
PIN NUMBER 4629-09-4025
~ SCALE: 1" = 20'
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