IREDELL COUNTY HEALTH DEPARTMENT

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

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

PERMIT# 160769 PIN# 4659-05-3123 DATE 5-20-10

OWNER OR APPLICANT ROBERT MERKEL PHONE: Business 917-902-9502 Home

ADDRESS 199 CRYSTAL BAY DR

LOCATION 21N, TL @ AUTUMN GROVE, TL CRYSTAL BAY, @ END

SUBDIVISION WINDWARD POINT BLOCK / SECTION LOT 190 LOT AREA SITE CLASS. PS DESIGN FLOW 360 L.T.A.R. 125

Septic Tank: 1000 Gallons; STB 760 Date 5-21-09

Pump Tank: 1000 Gallons; PT 363 Date 1-17-09

Pump Make: Zoeller Model BNJ51 Serial No.

Nitrification Field: No Fields 1 Square Feet 720' Linear Feet 240'

No Lines 4@60' Trench Width 36" Max Trench Bottom Depth 36"

☒ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI

System Description: LP- PANEL BLOCK

Repair System Description:

Maintenance Agreement Required: ☒ Yes ☐ No

☒ House/Mod. Home ☐ Mobile Home ☐ Business ☐ Other

No. Bedrooms 3 No. Persons No. Employees

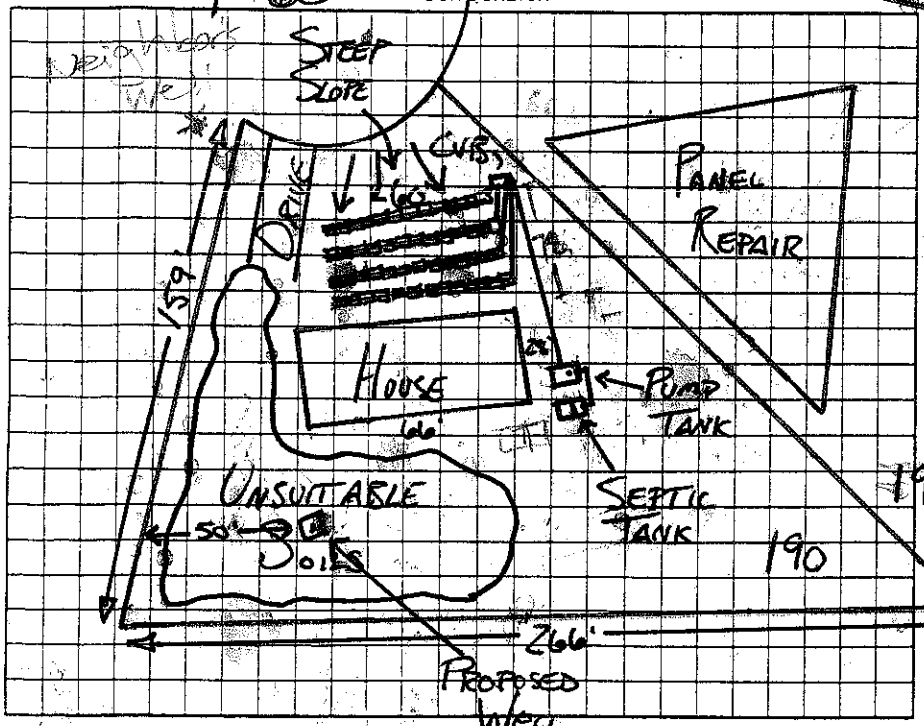
Water Supply: ☒ Individual ☐ Public ☐ Community

Gravel Depth SAND ☐ Gravity ☒ Pressure ☐ Slab ☒ Crawl Space ☐ Basement w/plumbing ☐ Basement wo/plumbing

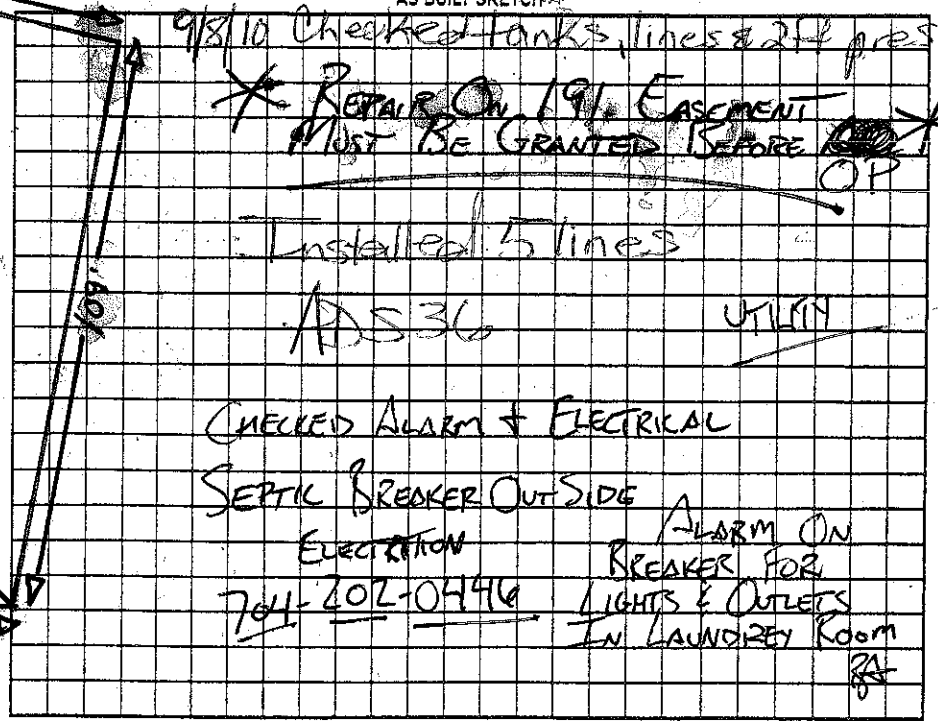
Comments:/Conditions:
As Built Drawing attached

Comments:/Conditions: 1) KEEP CUR 5' FROM PROPERTY LINE 3. DRAIN LINES 10' 2) USE 36" WIDE TRENCH FOR MORE STORAGE SPACE 3) USE INLINE FILTER IN PUMP TANK 4) HOUSE ~70' FROM ROAD

1"=60' INITIAL SITE SKETCH



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: [signature] REHS date 5-20-10 Installed by: Abee's Grading

Improvement Permit by: [signature] date 5/25/10 Operation Permit by: [signature] REHS date 9-22-10

Authorization to Construct by: [signature] REHS date 6-3-10 Existing System Inspection by: date

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

IREDELL COUNTY HEALTH DEPARTMENT

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

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

PERMIT # 160769 PIN # 4659053123 DATE 9-27-2010

OWNER or APPLICANT Robert Merkel PHONE: Business Home:

OWNER or APPLICANT ADDRESS 169 Crystal Bay Dr.

LOCATION / DIRECTIONS 21 N TL Autumn Grove TL Crystal Bay W End

SUBDIVISION Windward Pt. BLOCK / SECTION LOT # 190 LOT AREA DESIGN FLOW 360 L.T.A.R.

Septic Tank 1000 Gallons: STB 760 Date 5-21-09

Pump Tank 1000 Gallons: PT 363 Date 1-17-09

Pump Make Model Serial #

Nitrification Field No Fields 1 No Lines 5 Linear Feet 300

Trench Width 36" Max. Trench Bottom Depth 36" Gravel Depth N/A

☒ New System ☐ Repair ☐ Expansion System Type I II III IV V W

System Description: Pump - ADS 36 (25% Red)

Repair System Description: Pump - 50% Reduction

Maintenance Agreement Required ☐ YES ☒ NO

☐ GRAVITY ☒ PRESSURE

☒ Residence No. Bedrooms 3

☐ Business No. Persons

☐ Other No. Employees

☐ Slab ☐ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

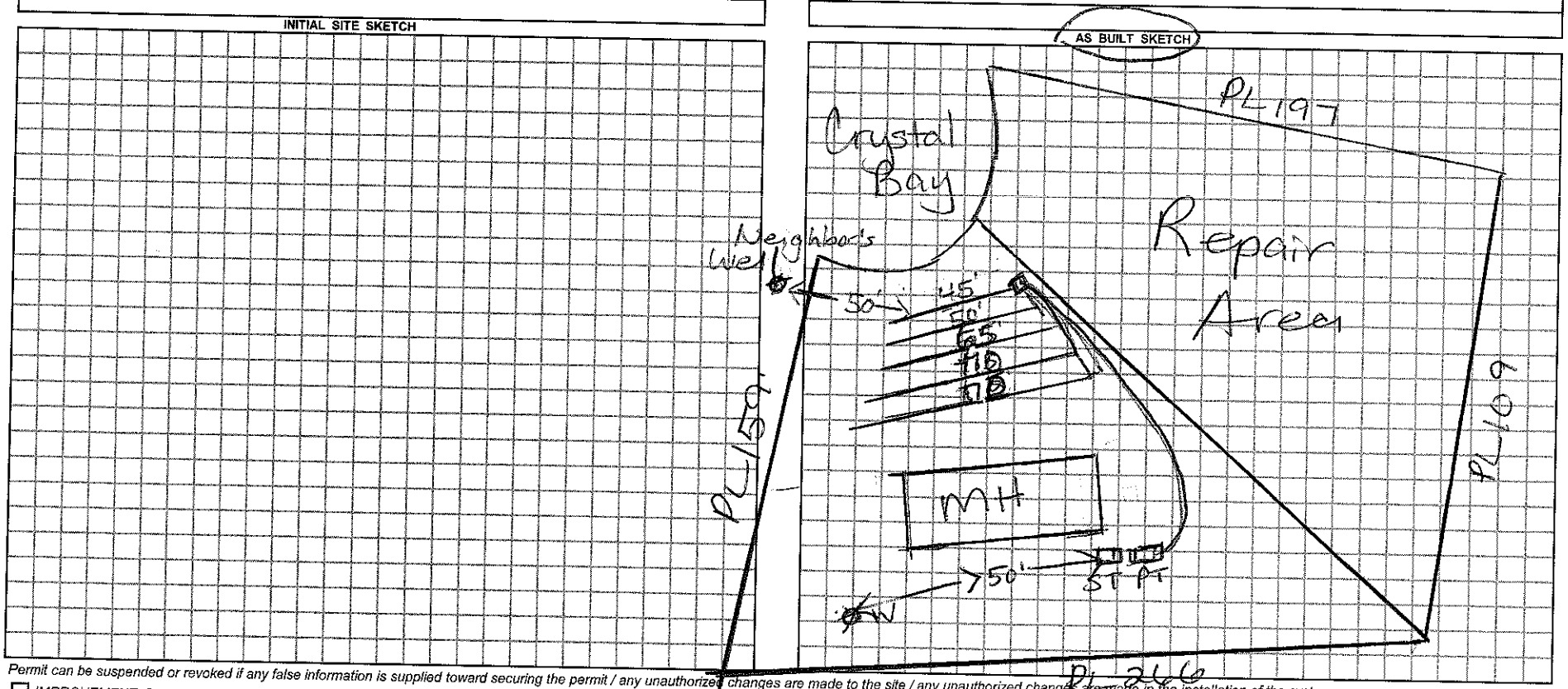
Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions

Comments / Conditions

INITIAL SITE SKETCH

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 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: Date

Improvement Permit by: Date

Authorization to Construct by: Date

YOU SHOULD CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION.

Installed by: Abee's Grading

Operation Permit by: Date:

Existing System Inspected by: Date:

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