# IREDELL COUNTY HEALTH DEPARTMENT

*Redraw - Replaces permit issued 1-5-09

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

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

PERMIT # Repair PIN # 4743-95-2810 DATE 17 May 10

OWNER or APPLICANT James Fullbright PHONE: Business (704) 928-5624 Home: (704) 872-8709

OWNER or APPLICANT ADDRESS 3921 Hickory Hwy Statesville, NC

LOCATION / DIRECTIONS 114 Robin Lane Statesville

SUBDIVISION Glen Echo BLOCK / SECTION LOT # 2 LOT AREA 0.43ac. DESIGN FLOW 360gpd L.T.A.R. 0.25gpd/ft²

Septic Tank Exist. Gallons: STB Date

Pump Tank Gallons: P T Date

Pump Make Model Serial #

Nitrification Field No Fields 1 No Lines 5 Linear Feet 360

Trench Width 36" Max. Trench Bottom Depth 36" Gravel Depth NA

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

System Description:

Repair System Description: 25% Reduction - Pressure manifold.

Maintenance Agreement Required ☐ YES ☑ NO

☑ GRAVITY ☑ PRESSURE

☑ Residence No. Bedrooms 3

☐ Business No. Persons

☐ Other No. Employees

☐ Slab ☑ Crawl Space

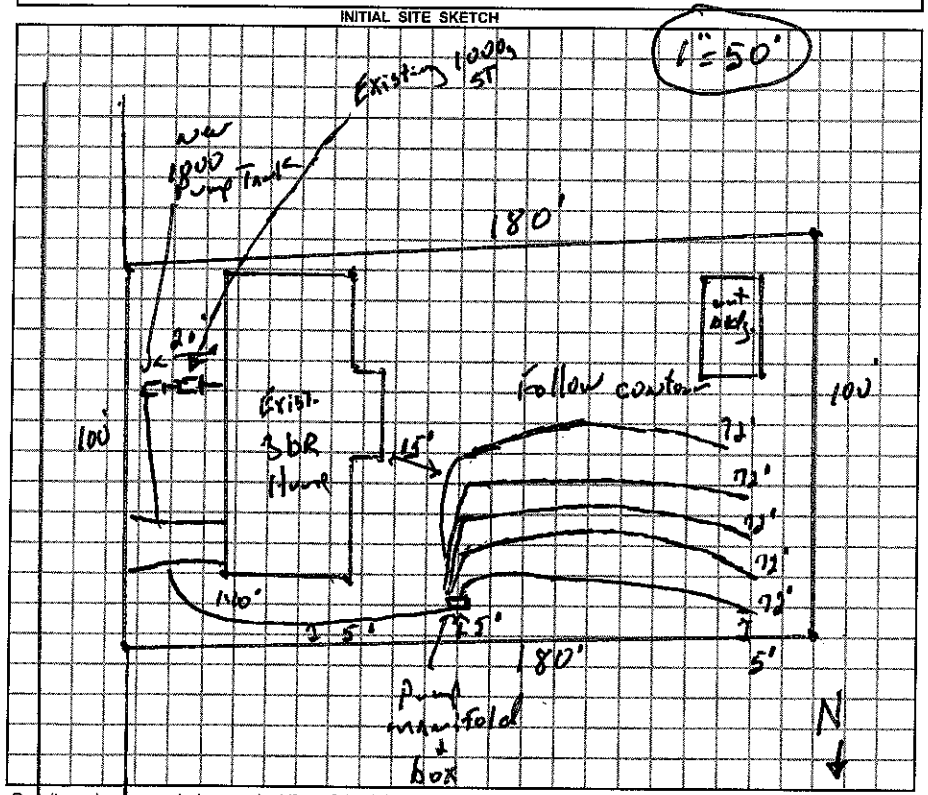
☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☑ Public ☐ Community

Comments / Conditions * Keep supply line 30" below driveway / Follow contour / Replace Septic tank if integrity compromised /.

Comments / Conditions * Pump requirements are approximate - will need actual final elevations of pump tank and manifold box to determine final pump size.

INITIAL SITE SKETCH




AS BUILT SKETCH

SYSTEM REPAIRED 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 Fullbright Date 2-2-10

Improvement Permit by: Date

Authorization to Construct by: Date 17 May 10

Installed by: DAVID YOUNTZ

Operation Permit by: STEVE HENDRICK Date: 8/27/12

Existing System Inspected by: Date:

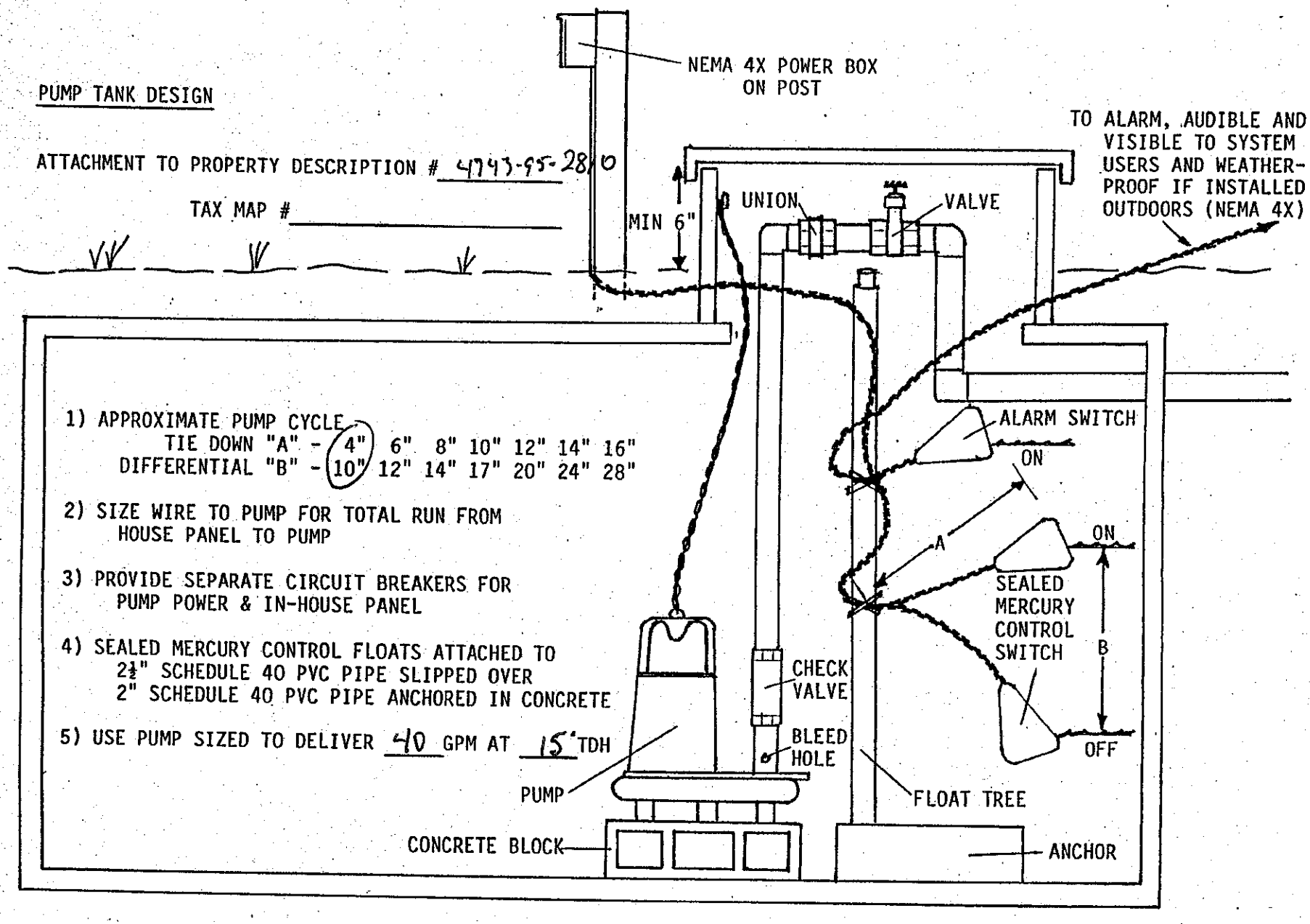
***YOU SHOULD CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION.***

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

PUMP TANK DESIGN

ATTACHMENT TO PROPERTY DESCRIPTION # 4743-95-2810

TAX MAP # _____




1) APPROXIMATE PUMP CYCLE
TIE DOWN "A" - (4") 6" 8" 10" 12" 14" 16"
DIFFERENTIAL "B" - (10") 12" 14" 17" 20" 24" 28"

2) SIZE WIRE TO PUMP FOR TOTAL RUN FROM HOUSE PANEL TO PUMP

3) PROVIDE SEPARATE CIRCUIT BREAKERS FOR PUMP POWER & IN-HOUSE PANEL

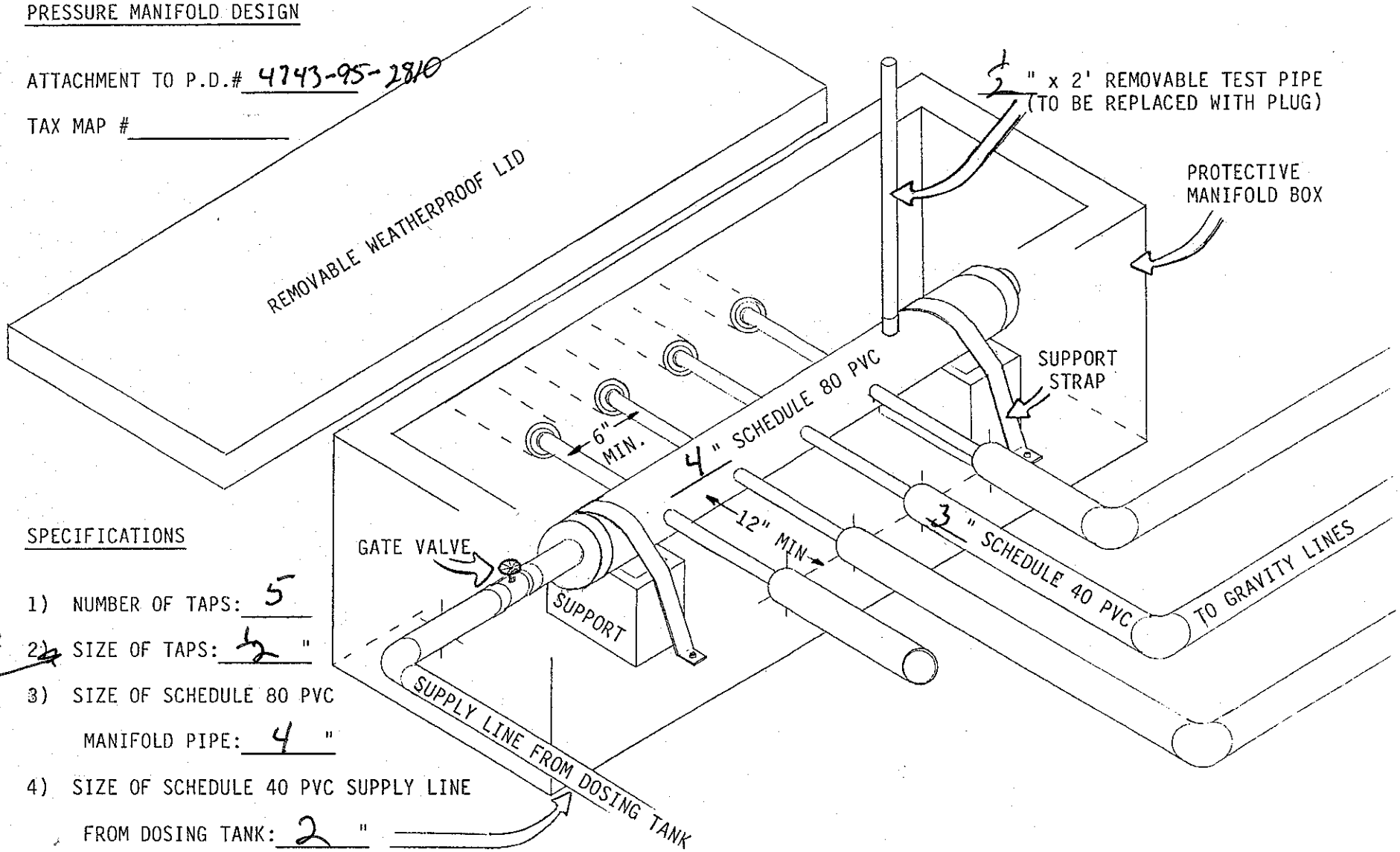
4) SEALED MERCURY CONTROL FLOATS ATTACHED TO 2½" SCHEDULE 40 PVC PIPE SLIPPED OVER 2" SCHEDULE 40 PVC PIPE ANCHORED IN CONCRETE

5) USE PUMP SIZED TO DELIVER 40 GPM AT 15' TDH

PRESSURE MANIFOLD DESIGN

ATTACHMENT TO P.D.# 4743-95-2810

TAX MAP #_____




SPECIFICATIONS

1) NUMBER OF TAPS: 5

2) ~~SIZE~~ Schedule 80 OF TAPS: ½ "

3) SIZE OF SCHEDULE 80 PVC
MANIFOLD PIPE: 4 "

4) SIZE OF SCHEDULE 40 PVC SUPPLY LINE
FROM DOSING TANK: 2 "