THIS PERMIT VOIDS #119374 ISSUED 7-20-2004

IREDELL COUNTY HEALTH DEPARTMENT

STATESVILLE 704-878-5305 (O) MOORESVILLE 704-664-5281

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

PERMIT# 142786 PIN# 4730-40-2308

OWNER OR APPLICANT HEATH CAMPBELL PHONE: Business 704-838-8934 Home 704-641-1000 DATE 6-91-2007

ADDRESS 3450 CAMBRIDGE PLACE STATESVILLE NC 28625

LOCATION STATE PARK RD TO HONEYCUTT, TR BEER TO FOX, TL CAPTAIN'S WAY, TR ANCHOR LANE, LOT AT END

SUBDIVISION CAPTAIN'S COVE BLOCK / SECTION ____ LOT 9 LOT AREA 0.558 ACRE SITE CLASS. PS DESIGN FLOW 360 L.T.A.R. 0.25 GPD/FT²

Septic Tank: 1000 Gallons: STB 760 Date 10-7-07

Pump Tank: ____ Gallons: PT ____ Date ____

Pump Make: ____ Model ____ Serial No. ____

Nitrification Field: No Fields 1 Square Feet 1440 Linear Feet 240

No Lines THREE Trench Width 24" Max Trench Bottom Depth 36"

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

System Description: 50% REDUCTION

Repair System Description: 50% REDUCTION, LOW PRESSURE

Maintenance Agreement Required: ☐ Yes ☒ No

Trench Depth 24" ☒ Gravity ☐ Pressure

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

No. Bedrooms 3 No. Persons ____ No. Employees ____

Water Supply: ☑ Individual ☐ Public ☐ Community WELL

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

Comments/Conditions: ① INSTALL 50% REDUCTION SYSTEM ON CONTOUR USING 54 PPBP'S PANELS ② KEEP SYSTEM MAXIMUM FEASIBLE DISTANCE FROM WELL, NOT LESS THAN 50 FEET

INITIAL SITE SKETCH

SEE ATTACHED SITE PLAN PREPARED BY MICHAEL ATHANAS & ASSOC, INC

Comments/Conditions: ① SEPTIC TANK W/ MARKER INSTALLED USING RES "POLYLOK" FILTER ② EQUAL DISTRIBUTION ACHIEVED BY USING ONE EFFLUENT SPLITTER & THREE FLOW DIVIDER TEES

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 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] date 6/12/07 Installed by: SAMMY REAVIS

Improvement Permit by: STEVE HENDRICK date 6-11-2007 Operation Permit by: STEVE HENDRICK date 2-12-08

Authorization to Construct by: STEVE HENDRICK date 6-12-2007 Existing System Inspection by: ____ date ____

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

MICHAEL ATHANAS & ASSOCIATES, INC.
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
FORT MILL, SC 29715
803-802-4403 (office)
803-802-4402 (fax)

Reference: Data Sheet for Captain's Cove Lot 9
House Footprint: see plat
Building Setback: 35' front/back, 15' side
Water Source: Well
Number of Bedrooms: 3/360gpd
Proposed LTAR: 0.25 gpd/ft2
Suggested system type: PPBPS
Distribution: Gravity-Flow divider to two d-boxes or flow splitters
Septic tank size: 1000 gallons
Proposed Trench Bottom: 36"

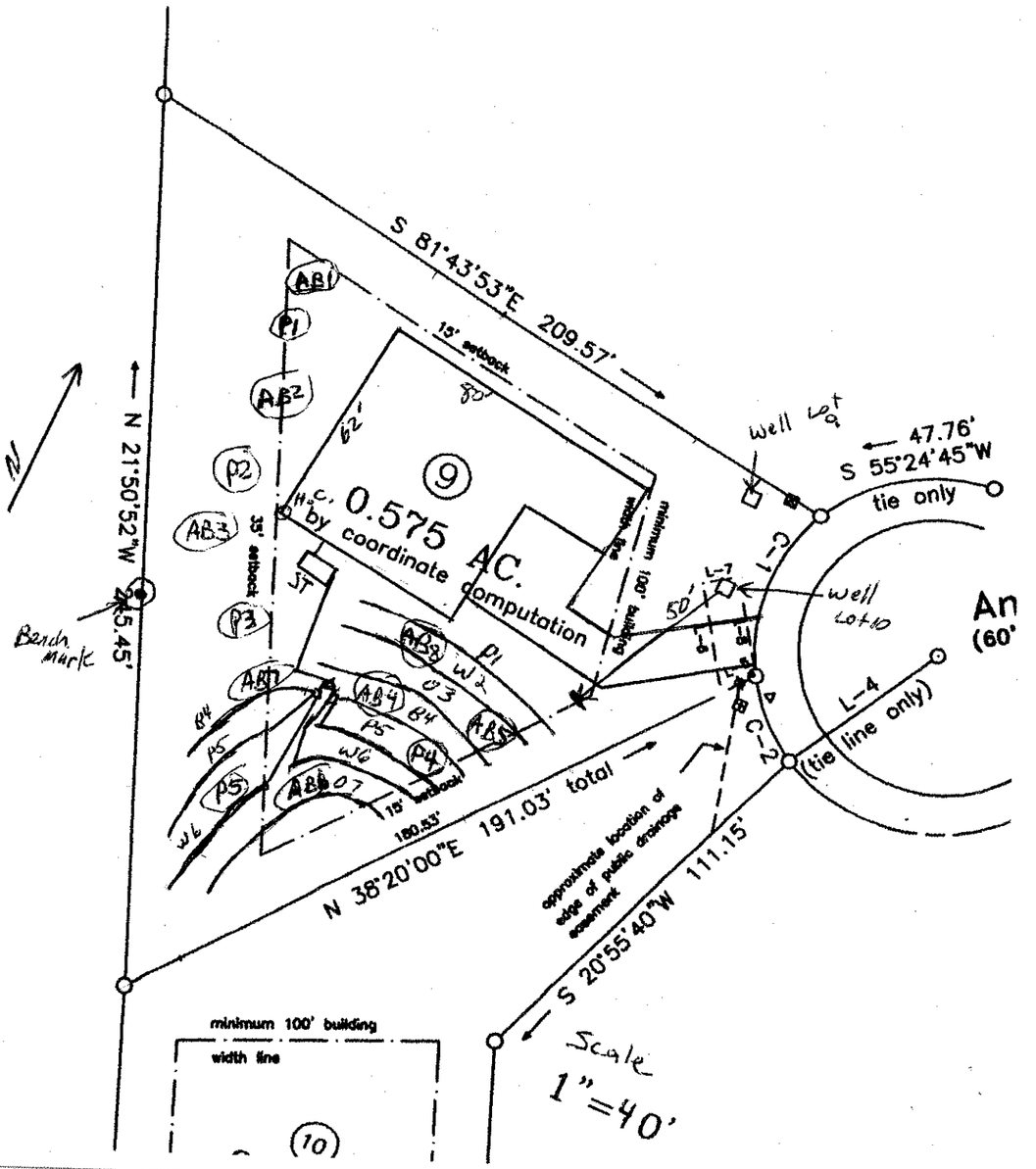
Line	Length	Elevation
Pink 1	*65'*	
White 2	*60'*	
Orange 3	*55'*	
Blue 4	**80' (center fed)** – 18 PANELS	
Pink 5	**80' (center fed)** – 18 PANELS	
White 6	**80' (center fed)** – 18 PANELS	
Orange 7	*65'*	

Initial system: 240' (54 panels)
Tanks Elevation: 3.5'
Benchmark: 3.4' (see plat)

Repair system: *245'*
House Elevation: 3.4'

Comments:

SCOUR TRENCH SIDEWALLS & APPLY A LIGHT DUSTING of LIME PRIOR TO INSTALLING SAND & PANELS.


S 81°43'53"E 209.57'
15' setback
80'
62'
AB1
P1
AB2
P2
AB3
35' setback
P3
AB7
AB4
AB8
P1
W2
03
B4
P5
W6
P4
AB5
AB6
07
15' setback
180.53'
9
0.575 AC.
by coordinate computation
minimum 100' building width line
JT
N 21°50'52"W
345.45'
Bench Mark
N
Well Lot 9
47.76'
S 55°24'45"W
tie only
C-1
L-7
50'
well Lot 10
L-4
(tie line only)
C-2
N 38°20'00"E 191.03' total
approximate location of edge of public drainage easement
S 20°55'40"W 111.15'
10
Scale
1"=40'