IREDELL COUNTY HEALTH DEPARTMENT

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

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

PERMIT# 127908 PIN# 4703-12-3492 4409 DATE 6-9-05

OWNER OR CONTRACTOR GW BLACK PHONE: Business 704-880-8606 Home 704-361-6845

ADDRESS 141 OAKSTONE DRIVE, STATESVILLE, NC 28677

LOCATION US 70 WEST, TL HIDDEN BROOK DRIVE, LOTS 50 & 51 ON LEFT

SUBDIVISION MEADOW CREEK BLOCK / SECTION III LOT 50/51 LOT AREA 3.13 ACRES SITE CLASS. PS DESIGN FLOW 480 L.T.A.R. 0.30 GPD/FT²

Septic Tank: 1000 Gallons; STB 1000 Date 4-12-05
Pump Tank: _____ Gallons; PT _____ Date _____
Pump Make: _____ Model ~~EQ. T~~ _____ Serial No. _____
Nitrification Field: No Fields 1 Square Feet 1600 Linear Feet 400
No Lines FOUR Trench Width 36" Max Trench Bottom Depth 36" Gravel Depth N/A

☑ New System ☐ Repair System Type: I (II) III IV V VI
System Description: 25% REDUCTION, GRAVITY
Repair System Description: 25% REDUCTION, GRAVITY
Maintenance Agreement Required: ☐ Yes ☑ ~~No~~

☑ House/Mod. Home No. Bedrooms 4
☐ Mobile Home No. Bathrooms ___
☐ Business No. Employees ___
☐ Other ___

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

Water Supply: ☐ Individual ☑ Public ☐ Community

Comments:/Conditions: INSTALL 25% REDUCTION SYSTEM ON CONTOUR AS SHOWN ON ATTACHED SITE PLAN

Comments:/Conditions: SEPTIC TANK WITH RISERS INSTALLED USING "ZABEL" FILTER

INITIAL SITE SKETCH

SEE ATTACHED "FAST TRACK" PLAN BY STEVE PRICE - SOIL & ENVIRONMENTAL CONSULTANTS PROJECT # 5-1547

AS BUILT SKETCH

SYSTEM INSTALLED ACCORDING TO INITAL SITE SKETCH USING 100 "QUICK-4" INFILTRATOR CHAMBERS

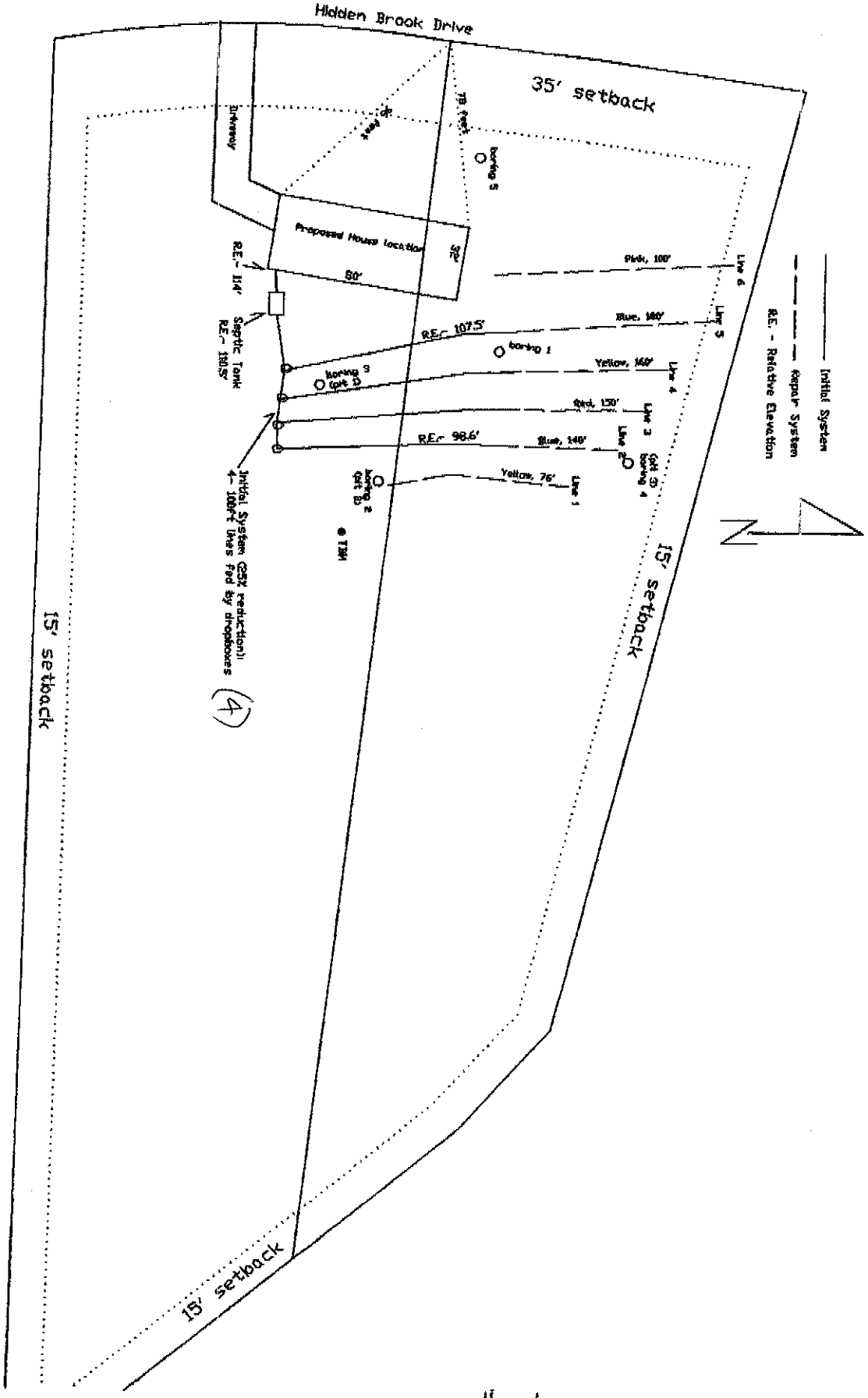
Permit can be suspended or revoked if any false information is supplied toward securing the permit/any unauthorized changes are made to the site/any unauthorized changes are made in the installation of the system. Improvement Permit with plat valid without expiration. Improvement Permit with site plan 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 6-22-05 Installed by: K & D IMPROVEMENTS

Improvement Permit by: STEVE HEDRICK date 6-9-05 Operation Permit by: STEVE HEDRICK date 9-21-05

Authorization to Construct by: STEVE HEDRICK date 6-21-05 Existing System Inspection by: _____ date _____

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


Hidden Brook Drive
35' setback
Driveway
78 Feet
Proposed House location
50'
R.E.- 114'
Septic Tank
R.E.- 118.5'
boring 3
Opt D
boring 1
boring 2
Opt D
boring 4
Opt D
R.E.- 107.5'
R.E.- 98.6'
Pink, 100'
Blue, 160'
Yellow, 160'
Red, 130'
Blue, 140'
Yellow, 76'
Line 6
Line 5
Line 4
Line 3
Line 2
Line 1
TBM
Initial System
Repair System
R.E. - Relative Elevation
Initial System (25% reduction)) 4- 100ft lines fed by dropboxes
(4)
15' setback
15' setback
15' setback
1"=60'

Client:	Gid Black
Project Name:	Hidden Brook Dr
Project #:	5-1547
Lot #:	50 &51
Estimated design daily flow:	480
System type:	25% reduction
Proposed System LTAR:	0.3 gpd/ft^2
Line length needed for initial system:	400 ft
Trench bottom depth:	~~18 inches~~ 36 INCHES

Line #	Color	Rod reading	Relative elevation	Line length (ft)	
1	yellow	18	96.5	76	repair
2	blue	15.9	98.6	140	**100' system**
3	red	13.3	101.2	150	**100' system**
4	yellow	10.4	104.1	160	**100' system**
5	blue	7	107.5	180	**100' system**
6	pink	4.5	110	100	repair
TBM		14.5	100		
Septic Tank		4	110.5		
Rear House Corner		0.5	114		

Total Line Length: **806**

System Line Length: **400**

TBM is top of limb on tree marked with orange S&EC flagging

Initial system will be gravity fed. Additional repair is available in the front of the house and will need to be pumped.