DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ____ *of* ____
PROPERTY ID #: _____
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: __Gra-Con Luxury Homes_____ APPLICATION DATE__9/05_
ADDRESS:__PO Box 62 Sherrills Ford NC, 28673_____ DATE EVALUATED: __9/05____
PROPOSED FACILITY: ___RES_____ PROPOSED DESIGN FLOW (.1949): __360gpd_ PROPERTY SIZE: ___.91ac_____
LOCATION OF SITE: ___Fairhaven lot 8_____ PROPERTY RECORDED: _Y_____
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	Linear 10-15%	0-7	FILL		N/A	48	N/A	N/A	PS .25 GPD/FTSQ
		7-18	BSCL GR	FRI SS SP SEXP					
		18-36	RC SBK	FRI SS SP SEXP					
		36-45	RCL WSBK	FRI SS SP SEXP					
				YB'S					
2	Linear 10-15%	0-6	FILL		N/A	49	N/A	N/A	PS .25 GPD/FTSQ
		6-22	BSCL GR	FRI SS SP SEXP					
		22-37	RC SBK	FRI SS SP SEXP					
		37-49	RCL WSBK	FRI SS SP SEXP					
				YB'S					
3	Linear 10-15%	0-18	BSCL GR	FRI SS SP SEXP	N/A	48	N/A	N/A	PS .25 GPD/FTSQ
		18-48	RC SBK	FRI SS SP SEXP					
4	Linear 10-15%	0-8	FILL		2 CHROMAS	8-34	N/A	N/A	U
		8-30	RC SBK	FRI SS SP SEXP					
		30-34	YRC SBK	FRI SS SP SEXP					
				2 CHROMAS					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1080 SQFT	420 SQFT
System Type(s)	25 % RED.	MODIFIED
Site LTAR	.25GPD/FTSQ	.25GPD/FTSQ

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): ____PS_____

EVALUATED BY: __ROLLANS SOIL AND ENVIRONMENTAL SERVICES
OTHER(S) PRESENT: _____

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ___ of ___

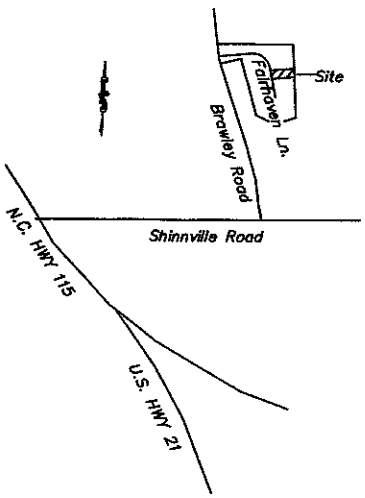
DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: _____
DATE OF EVALUATION: _____
COUNTY: _____

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
5	Linear 10-15%	0-6	BSCL GR	FRI SS SP SEXP	N/A	48"	N/A	N/A	PS .25GPD/FT SQ
		6-42	RC SBK	FRI SS SP SEXP					
		42-48	RCL MWSBK	FRI SS SP SEXP					
				YB'S					
		0-8	Fill		SS, SP, SE, Fi-Fp				.25
		8-18	Brn SCL	GR					
	9/27/05	18-45	Yel-to Yel/Rd C/CL						

COMMENTS: _____

of precision as calculated is 1: 10,000+ that this plat was prepared in accordance with G.S. 89-C as amended. Witness my original signature, registration number and seal this 17th. day of August, A.D. 2005.



Vicinity Map
Not to Scale

B & P Property Developers, LLC
Deed Book:1552 Page:1725

Approximate Location of Creek

50' Stream Buffer

53.00
S15°42'14"W

40.55
S04°28'00"E

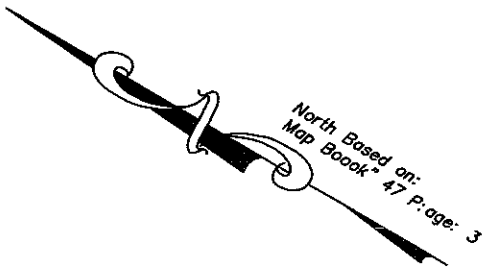
S74°33'10"E
40.72

50.00

50.00

I.P.S. on line

I.P.S. on line



1) This property may be subject to any Easements, Rights-of-way, and/or Restrictive Covenants.

2) Boundary information based on Map Book 47 at Page 3 as recorded in the Iredell County Register of Deeds.

3) This survey is of an existing parcel or parcels of land.

4) No N.C.G.S. or U.S.G.S. Monuments could be located within 2000'.

5) Area by coordinate method.

6) This is a preliminary survey and is not intended fro recordation, conveyances or sales.

7) Minimum Building Setbacks are as follows: 35' Front, 15' Side, 25' Corner Side and 35' Rear except lots adjacent to stream which is 50' form rear property line.

8) All lot lines are subject to a 10' utility and drainage easement on each side of all property lines.

9) #4 rebars at all corners unles otherwise noted.

367.74 Total

Lot 7

Lot 8
0.87 Acres

Lot 9

363.24 Total

N72°31'04"E
317.74

S72°31'04"W
313.24

8 O 17.8 40'
7 P 16.1 80'
6 B 14.8 84'
5 O 13.3 83'
FILL AREA
4 P 12.3 98'
3 B 11.2 100'
2 O 10.0 101'
1 P 8.9 70'

4" DROP BOXES

1.0 SOIL BORINGS

22.0
20.0
20.0
20.0
7.7
Proposed House Layout
27.7
40.0
23.8
35' Front Setback
36.2
29.76
S.T.

DRIVEWAY

(Tie Only)
N17°28'56"W
111.01

50.05
S70°01'33"W
(Tie Line)

N17°28'56"W

N17°53'15"W
Chord: 76.24
L=76.24
R=5453.96

WELL

TBM

CCM

1"=50'

Fairhaven Lane
(50' Public R/W)

LEGEND
R/W = Right-of-way
I.P.S. = #4 Rebar Set
= Not to scale
= Telephone Pedestal

PLOT PLAN/SURVEY