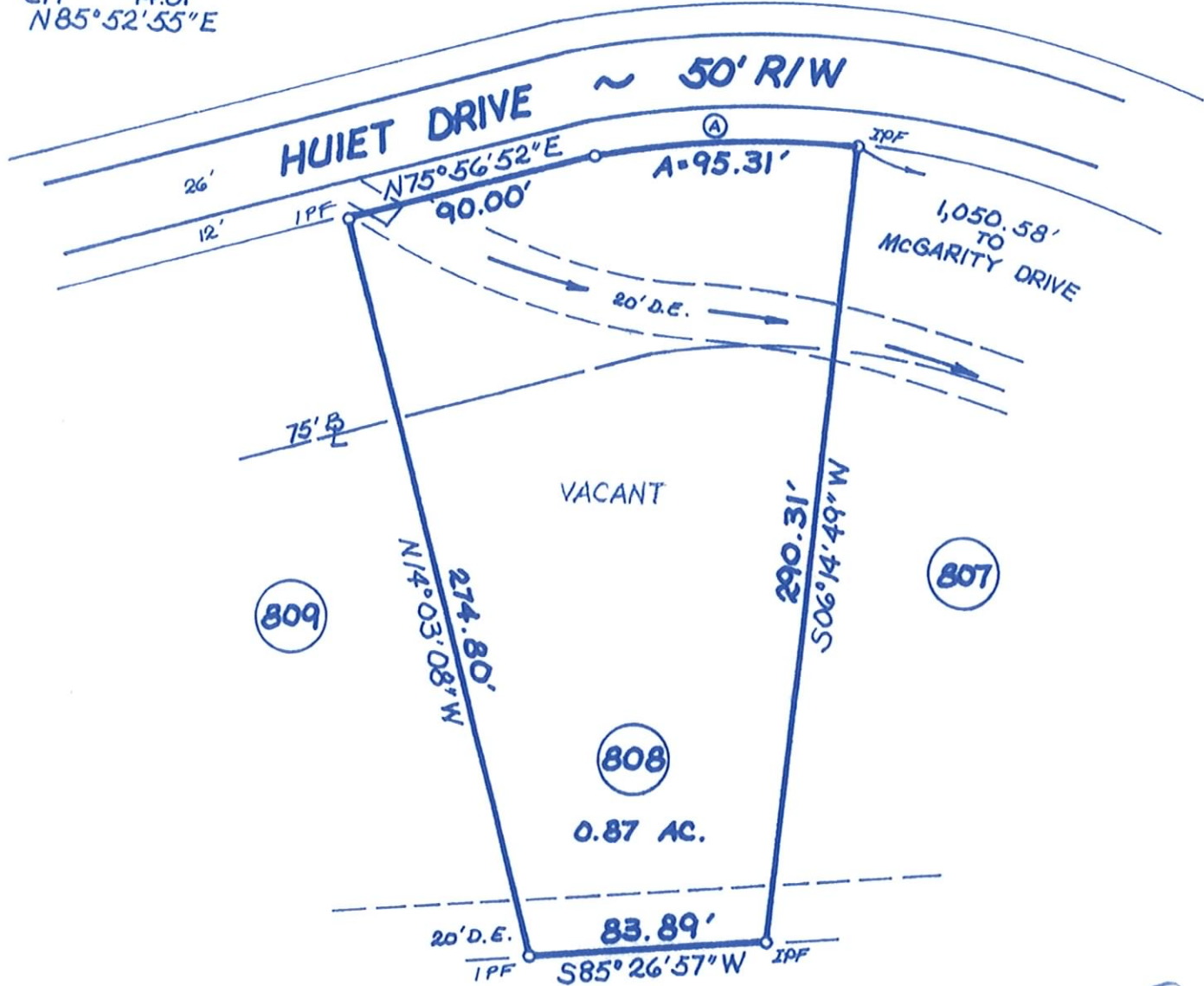


(A)

RAD : 319.01'
CH : 94.81'
N85°52'55"W

Mag North



CLIENT: LAKE DOW NORTH CORPORATION

PROPERTY ADDRESS: Huiet Drive

Lot 808, Unit Eight, Lake Dow North Subdivision

Land Lot 109, 7th. District, Henry County, Georgia

DATE OF PLAT: June 7, 2004

DATE OF SURVEY: June 2, 2004

VAUGHN & DRAKE SURVEYORS, INC.

LAND PLANNING - SURVEYING
P.O. BOX 703, STOCKBRIDGE, GA 30281
PHONE (770) 474-1106 FAX (770) 474-0166

THIS PLAT IS FOR THE EXCLUSIVE USE OF THE CLIENT NAMED ABOVE AND IS NOT CERTIFIED TO OTHERS

UNLESS DESIGNATED OTHERWISE THIS PROPERTY IS NOT IDENTIFIED ON THE F.I.R.M. AS BEING INSIDE A FLOOD HAZARD AREA.



SCALE: 1" = 60'

GRAPHIC SCALE IN INCHES



LEGEND

- | | | | |
|----------------------|---------------------------|-----------------------------|--|
| BL BUILDING LINE | CB CATCH BASIN | CMP CORRUGATED METAL PIPE | EQUIPMENT USED: TOPCON GST TOTAL STATION |
| DE DRAINAGE EASEMENT | DI DROP INLET | IPF IRON PIN FOUND | CLOSURE PRECISION: TRAVERSE |
| IPP IRON PIN PLACED | PL POWER LINE | PP POWER POLE | ADJUSTMENTS MADE BY THE COMPASS RULE. |
| R/W RIGHT OF WAY | RCP REINFORCED CONC. PIPE | SSE SANITARY SEWER EASEMENT | PLAT 20,000' |



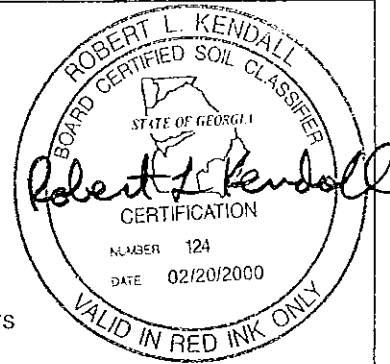
KENDALL & ASSOCIATES, INC.



Soil and Ecological Consultants

SOIL INVESTIGATION REPORT

Report Date: 2/12/02 Inspection Date: 1/9/02 Level of Study: 3
 Site Location: Lake Dow North, Lot 808 Job No. 194.39
 Client: Dow Culberson Phone: (770) 957-2808
 County: Henry Land Lot: 109 District: 7th
 Field Inspection By: Jason E. Reagan
 Boring Location Method: Compass and hip chain from Iron Pin property corners
 Certified By: Robert L. Kendall, BCSC



SOIL INTERPRETIVE DATA

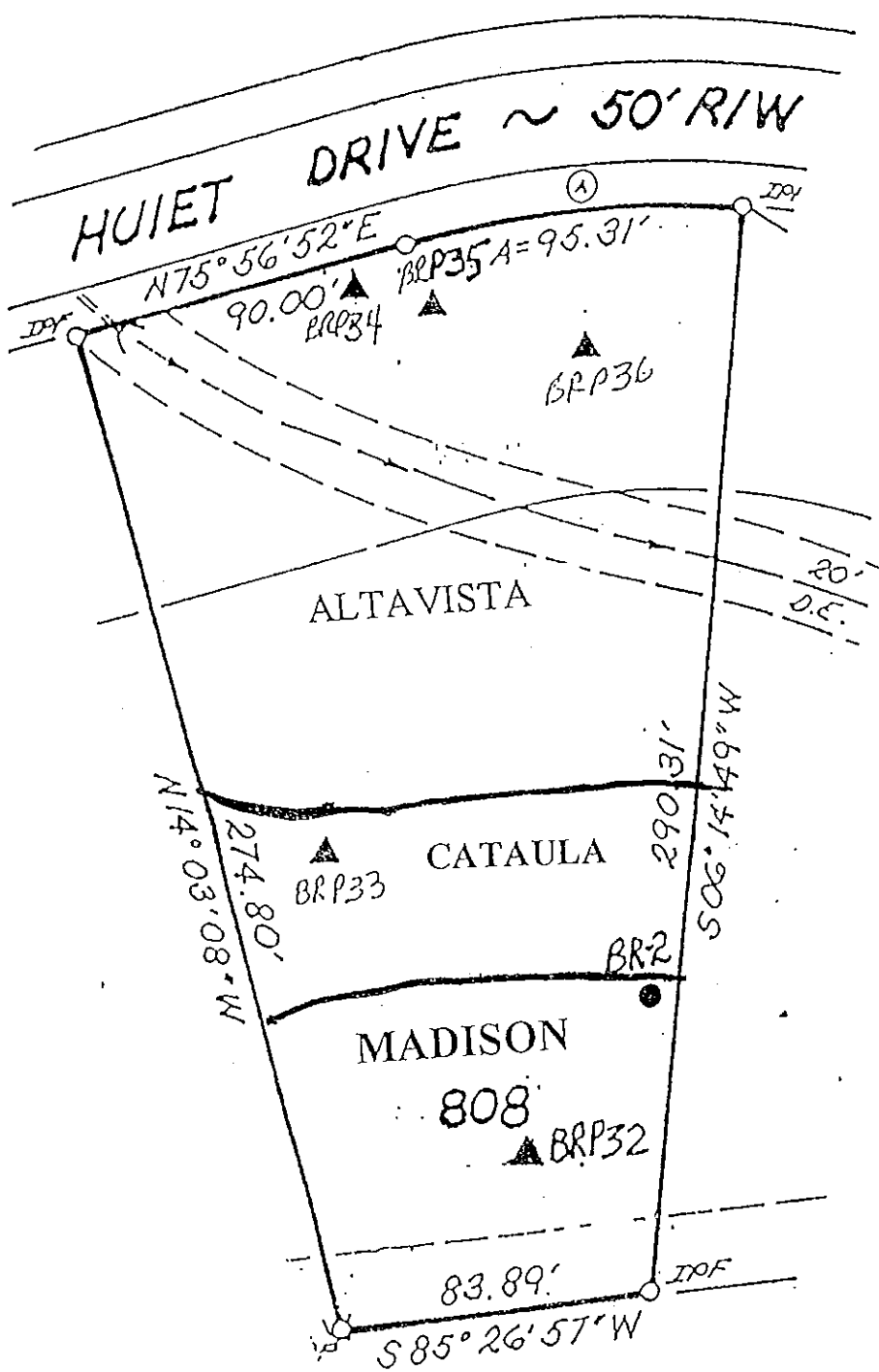
Soil Units	Depth to Bedrock (in)	Depth to Seasonal High Water Table (in)	Estimated Percolation (min/in)	Slope Gradient (percent)	Depth to Optimum Perc. (in)	Soil Suit. Code
Altavista	>60	30	---	0-6	---	F2
Cataula	>60	36	---	2-6	---	C1
Madison	>60	>60	45	0-6	36	A

Soil Suitability Legend

- (A) Soils are typically suitable for conventional absorption field with proper design, installation and maintenance.
- C1 Soils are unsuitable for conventional absorption fields due to perched water table conditions. Soils are generally suitable for alternative absorption fields with treatment system producing Class 1 effluent.
- F2 Soils are unsuitable for on-site wastewater disposal due to seasonal high water table.

SOIL PROFILE DESCRIPTIONS

Boring No.	Depth (Inches)	Description
BRP33	Cataula Series	
	0-6	Brown Sandy Loam
	6-36	Yellowish Red Sandy Clay Loam
	36-60	Gray Clay Loam
BRP34	Altavista Series	
	0-6	Brown Sandy Loam
	6-30	Yellowish Red Sandy Clay Loam
	30-40	Gray Sandy Clay Loam
	40	Water



SCALE: 1" = 50'



KENDALL & ASSOCIATES, INC.

Soil and Ecological Consultants
2443 Powder Springs Road Marietta, Georgia 30064

FORTUNE ENVIRONMENTAL

ENVIRONMENTAL ENGINEERS • ON-SITE WASTEWATER SOLUTIONS

DESIGN DATA

LOT 808
HUIET DRIVE
HENRY COUNTY, GA
4 BEDROOM HOUSE

Soil Series: Madison

Restrictions at > 60"

Opt. Perc. : 45 ^{min}/_{inch} @ 36"

Table DT-2: 300 ^{S.F.}/_{R.R.} x 4 Bedrooms = 1200 S.F. ÷ 3 ^{S.F.}/_{L.F.} = 400 L.F.

400 L.F. of Conv. Rock Trench, Reduce 50% for Chambers = 200 L.F.

200 L.F. of Hi-Cap. Infiltrator: 200 L.F. at 8'-0" o.c., Placed on Contour.
Trench Bottom at 36".

RESERVE:

Area for 400 L.F. of Conventional Rock Trench

SYSTEM:

1 – 1500 Gal. Septic Tank with Approved Filter

1 – 1000 Gal. Dosing Tank with Liberty Model 281 Pump

Approx. 90 L.F. of 2" Ø Sch. 40 P.V.C. Force Main

1 – 2-Hole D-Box

200 L.F. of Hi-Cap Infiltrator

All PVC Pipe to be Sch. 40

Divert Surface Water away from Drainfield & Tanks

P.O. BOX 681866
MARIETTA, GA 30068
678-560-3913 OFFICE 678-560-3914 FAX
EMAIL: jwfortune@earthlink.net -or-
fortuneenvironmentalgroup@earthlink.net

**LOT 808
HUIET DRIVE
HENRY COUNTY, GA
4 BEDROOM HOUSE**

FORTUNE ENVIRONMENTAL
ONSITE SOLUTIONS • ENVIRONMENTAL ENGINEERS
JOHN W. "BILL" FORTUNE, SR., P.E.
P.O. BOX 681866 • MARIETTA, GA 30068
678.560.3913 OFFICE • 678.560.3914 FAX
EMAIL: jwfortune@earthlink.net

SCALE: 1" = 30'

LEGEND

1. Influent Line from House
2. 1500 Gal. Septic Tank with approved Filter
3. 1000 Gal. Dosing Tank with Liberty Model 281 Pump
4. 2" Ø Sch. 40 PVC Force Main
5. 2-Hole D-Box
6. 200 L.F. Hi-Cap Infiltrator
7. Reserve Area for 400 L.F. of Conv. Rock Trench

ENGINEER'S STATEMENT

THIS SEWAGE SYSTEM DESIGN MEETS THE MINIMUM REQUIREMENTS ESTABLISHED BY THE DEPT OF HUMAN RESOURCES AND THE LOCAL HEALTH DEPT.

ALL CALCULATIONS ARE BASED ON SOILS DATA PROVIDED BY OTHERS. NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY OF THE DATA.

