

8029 REEDY CREEK RD

11107407

12/27/2007

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
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ON-SITE WASTEWATER SECTION

COUNTY: _____

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

22643

111-062-24

OWNER: James H. Burton
APPLICANT: _____
ADDRESS: 6029 Rocky Creek Rd
APPLICATION DATE: _____
DATE EVALUATED: _____
PROPOSED FACILITY: _____
PROPOSED DESIGN FLOW (.1949): _____
PROPERTY SIZE: _____
LOCATION OF SITE: 6029 Rocky Creek Rd
PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☑ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
DOT Relocation
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	1940 LANDSCAPE POSITION/ SLOPE % (Slopes 3-12%)	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS	0-4"	gr/scl	Fr/SEXPlas/Sl	37" TO soil wetness	37"	N/A	None	PS .25 PL LE
		4-37"	sbk/sc	Fi/SEXPlsl					
2	LS	0-11"	gr/scl	Fr/SEXPlasSl	17" TO soil wetness	17"	N/A	None	US
		11-17"	sbk/sc	VFi/EXPlasSl					
3	LS	0-6"	gr/scl	Fr/SEXPlasSl	32" TO soil wetness	32"	N/A	None	US
		6-32"	sbk/c	VFi/EXPlasSl					
			Possible Platy structure						
4	LS	0-6"	gr/sl	Fr/SExPlasNo	16" TO soil wetness	16"	N/A	None	US
		6-16"	sbk/scl	Fr/SExPlasSl					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: W. A. Medlin 11-20-97
OTHER(S) PRESENT: LSS

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL 1955 LTAR	LPP 1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
C (Concave Slope) V (Convex Slope) (Drainage Way) S (Debris Slump) P (Flood Plain) S (Foot Slope) (Head Slope) (Linear Slope) (Nose Slope) (Ridge) (Shoulder Slope) (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive) SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Bloc ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	SI (Silt) SICL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SUC (Silt Loam Clay)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SIC (Silty Clay)	0.4 - 0.1	0.2 - 0.05		
		O (Organic)	None			

	MOIST	WET
	VFR (Very Friable)	NS (Non-sticky)
	FR (Friable)	SS (Slightly Sticky)
	FI (Firm)	S (Sticky)
	VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
	EFI (Extremely Firm)	NP (Non-plastic)
		SP (Slightly Plastic
		P (Plastic)
		VP (Very Plastic)

NOTES

HORIZON DEPTH — In inches below natural soil surface

DEPTH OF FILL — In inches from land surface

RESTRICTIVE HORIZON — Thickness and depth from land surface

SAPROLITE — S(suitable) or U(unsuitable)

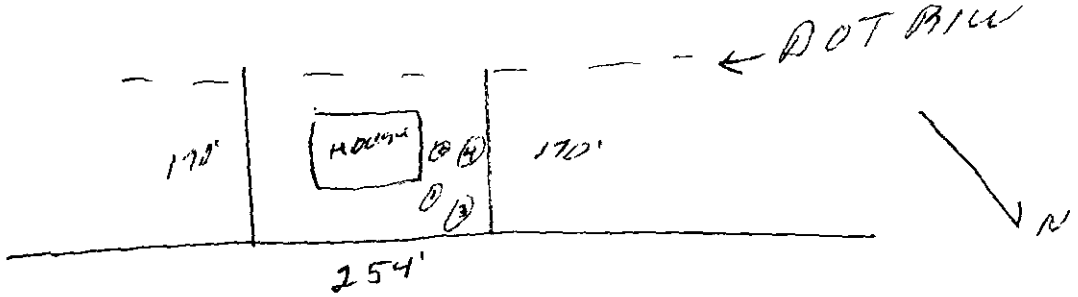
SOIL WETNESS — Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designa

CLASSIFICATION — S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).



Mecklenburg County
Health Department

December 2, 1997

James H. Bruton
8029 Reedy Creek Road
Charlotte, NC 28215

Re: 8029 Reedy Creek Road
File: 2284B
Parcel: 111-062-24

Dear Mr. Bruton:

Receipt of the plans and specifications for a ground absorption system of sewage disposal for the above property is hereby acknowledged. Upon receipt of the information, a review was made of the material on file and a soil/site evaluation was conducted. The plan was then reviewed in conjunction with provisions of 15 NCAC 18A, .2900, "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal".

The results of the evaluation, a copy of which is attached, indicate that the site is **UNSUITABLE** for installation of a ground absorption sewage system for the following reasons:

.1941 SOIL CHARACTERISTICS (MORPHOLOGY)
(3)(B) Expansive Clay Mineralogy - Soils which have either very firm or extremely firm moist soil consistence, or have either very sticky or very plastic wet soil consistence, are considered to have predominantly 2:1 clay minerals (including mixed mineralogy clays) and shall be considered UNSUITABLE as to clay mineralogy.

.1942 SOIL WETNESS CONDITIONS
(a) Soil wetness conditions as shallow as 16 inches from soil surface.

.1943 SOIL DEPTH
(a) Soil depth - saprolite 16 inches - 32 inches deep from soil surface.

.1945 AVAILABLE SPACE
(a) Sites shall have sufficient available space to permit the installation and proper functioning of ground absorption sewage treatment and disposal systems, based upon the square footage of nitrification field required for the application rate determined in accordance with these Rules.
(b) Sites shall have sufficient available space for a repair area equal to the area determined in Rule .1945 (a) of this Section.

Due to the limitations on your site, this Department is not aware of any modifications or alternative measures that can be implemented to upgrade the classification from "unsuitable" to "provisionally suitable." Your application for an improvement permit must, therefore, be denied.

You have the right to an informal review of this decision by the environmental health supervisor of this health department and also by the regional staff of the Department of Environment, Health, and Natural Resources. You should contact the health department to arrange for this further review.

You may also wish to obtain the services of a private consultant to collect site-specific data and submit such data and a system design to the health department for technical review. A site may be reclassified to provisionally suitable provided written documentation, including engineering, hydrogeologic, geologic, or soil studies indicates to the local health department that a proposed septic tank system or a proposed alternative system can reasonably be expected to function satisfactorily.

The substantiating data from these studies must indicate that:

A. The effluent (wastewater) will receive adequate treatment;

B. The effluent (wastewater) will not contaminate any ground water or surface water; and

C. The effluent (wastewater) will not be exposed on the ground surface or be discharged to surface waters where it could come into contact with people, animals or vectors.

Finally, you have the right to a formal appeal of this decision if you file a petition for a contested case hearing with the Office of Administrative Hearings, P. O. Drawer 27447, Raleigh, N. C. 27611-7447. A copy of a petition form will be provided to you upon request. The petition must be received by the Office of Administrative Hearings within 60 days after the date of this notice. The hearing will be held in the county in which your property is located.

If you file a petition for a hearing, you must send a copy of the petition to Mr. John C. Hunter, Office of General Counsel, P. O. Box 27687, Raleigh, North Carolina 27611-7687.

Please call 336-5570 or write this office if you have questions or need additional assistance.

Sincerely,

Philo S. Walker R.S.

Philo S. Walker, R.S.
Individual Water and Wastewater Systems

Enclosure

2284B

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

Paid 50.00 Chk # 2850 10/15/97 JC

[] CRT

Mecklenburg County Health Dept.
Environmental Health Division
c/o Hal Marshall Ctr., Suite 211
700 N. Tryon St.
Charlotte, NC 28202

(704)336-5102

PERSON FILING APPLICATION:

NAME: BRUTON, JAMES H. (last) (first) (mi)

ADDRESS: 8029 REEDY CREEK Rd. PHONE: (__) 536-9645

CITY: Charlotte STATE: N.C. ZIPCODE: 28215

Date:

PROPERTY OWNER:

NAME: Same As Above (last) (first) (mi)

PROPERTY INFORMATION (FROM ENGINEERING FORM):

TAX/PARCEL NUMBER: 111-062-24

STREET ADDRESS: 8029 Reedy Creek Rd

ADDRESS: _____ PHONE: (__) _____

CITY: STATE: ZIPCODE:

ZONING:

Township (check one):
[X] 0 Mecklenburg County [] 2 Davidson [] 4 Pineville [] 6 Huntersville
[] 1 Charlotte [] 3 Cornelius [] 5 Matthews [] 7 Mint Hill

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: LOT SIZE (in acres): 1(?)

TYPE APPLICATION (check one):

[1928]

[] EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
[] ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A or M)
[] COMMERCIAL OR INDUSTRIAL (N)
[] ADDITION - GARAGE OR RENOVATION/NO MAJOR CHANGES (X)

DOT ROAD EXTENSION

RESIDENTIAL PROPERTY (Type Building, check one):
[] SINGLE MOBILE HOME (S) [X] HOUSE (H) [] MULTIPLE FAMILY (U)
[] DOUBLE WIDE (D) [] MODULAR HOME (M) [] OTHER _____ (O)

NUMBER BEDROOMS: 3 NUMBER OCCUPANTS: 2-3

SYSTEM CLASSIFICATION:

COMMERCIAL/INDUSTRIAL PROPERTY:
Type Business _____ # Employees ____ Per Shift __ __ __
Industrial Wastes (Y/N) ___
Underground Storage Tanks On Property (Y/N) ___ Type _____

WATER SUPPLY (check one):
[] Community (C) [] Shared Well (S)
[] Municipal (M) [] Other 'spring' (O)
[X] Private Well (P)

FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):
[] Swimming Pool [] Jacuzzi [] Stable/Barn [] Workshop [] None
[] Garage [] Storage Building [] Deck/Patio [] Bedrooms [] Other

The undersigned, owner, or legal agent for the owner, of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: James H Bruton Date: 10-12-97

NOTICE:

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules For Sanitary Sewage Collection, Treatment And Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

...No work shall be conducted on the septic tank system until an installation, Construction, Alteration and/or Repair approval is granted by this Department.

...This permit is not transferable.

...

[] IMPROVEMENT PERMIT - VALID 60 MONTHS FROM ISSUANCE
[] MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE
[] ADDITION/RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE

_____ Environmentalist Date

_____ Director or Authorized Section Head Date

WATER: 122791

House Built in 1902 BY John Miller - Unsure when Septic System Installed
- Pumped out in 1995(?)

PROPOSED PLOT PLAN

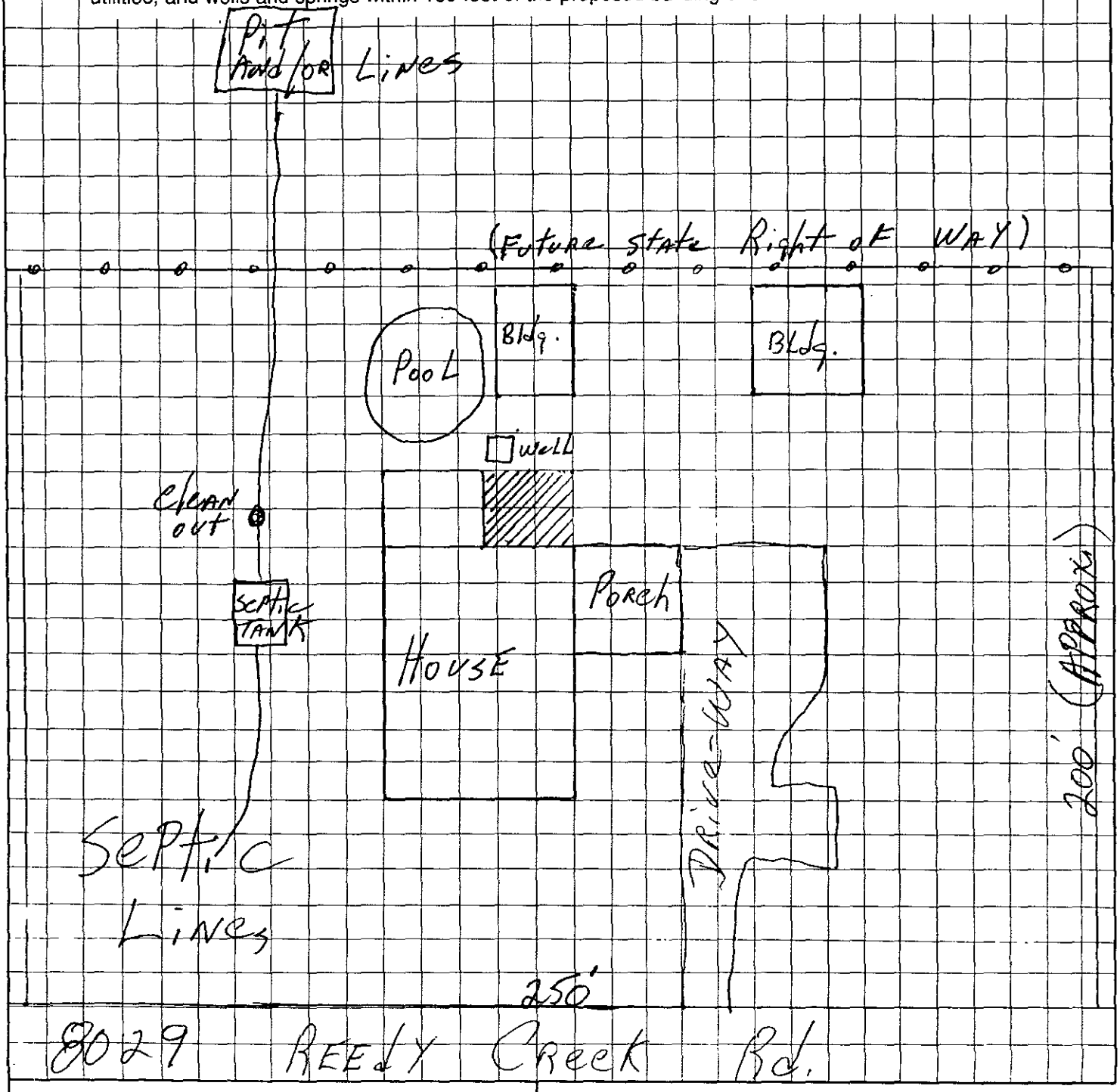
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HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 2284B

TC: 111-062-24

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.

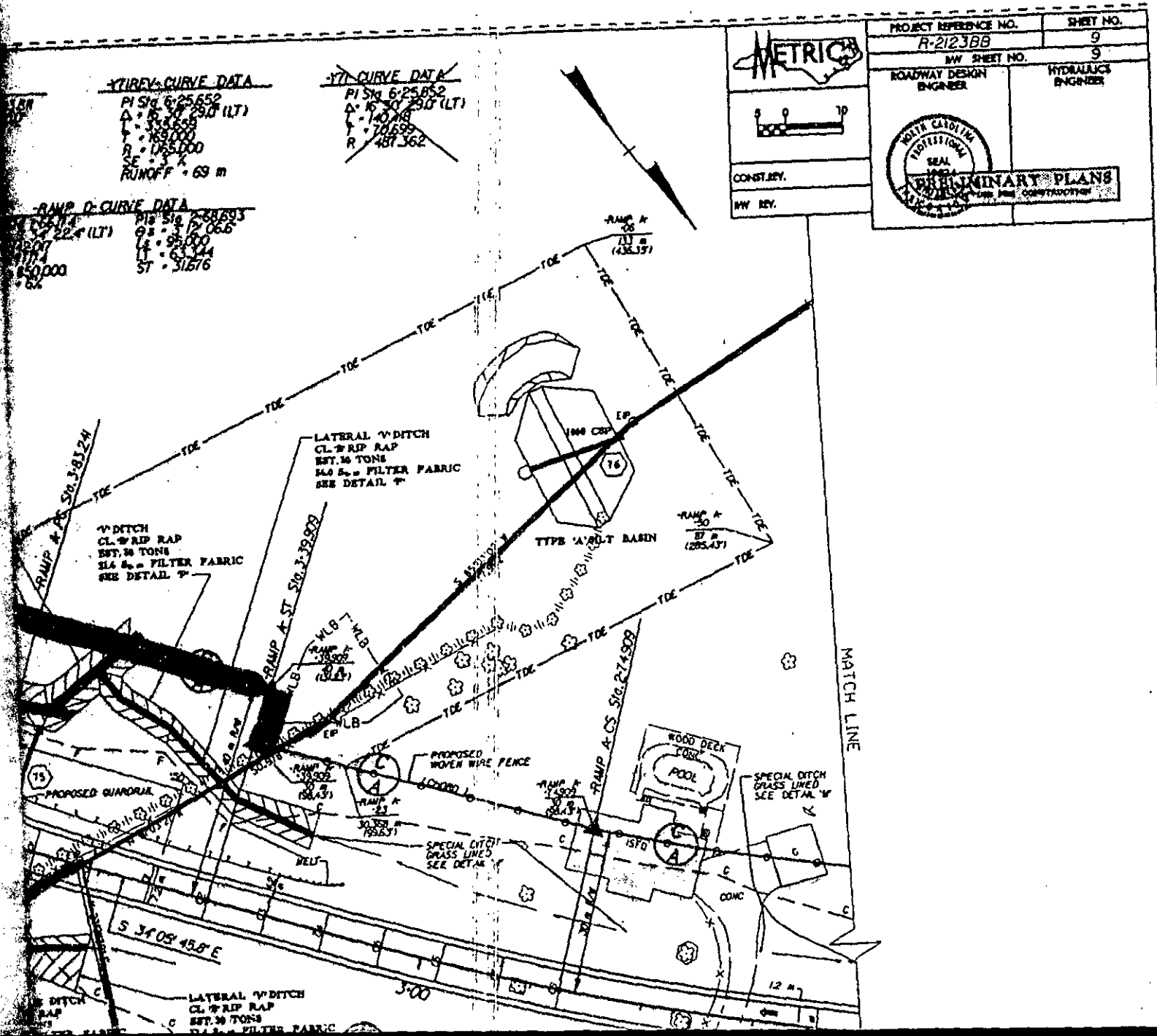


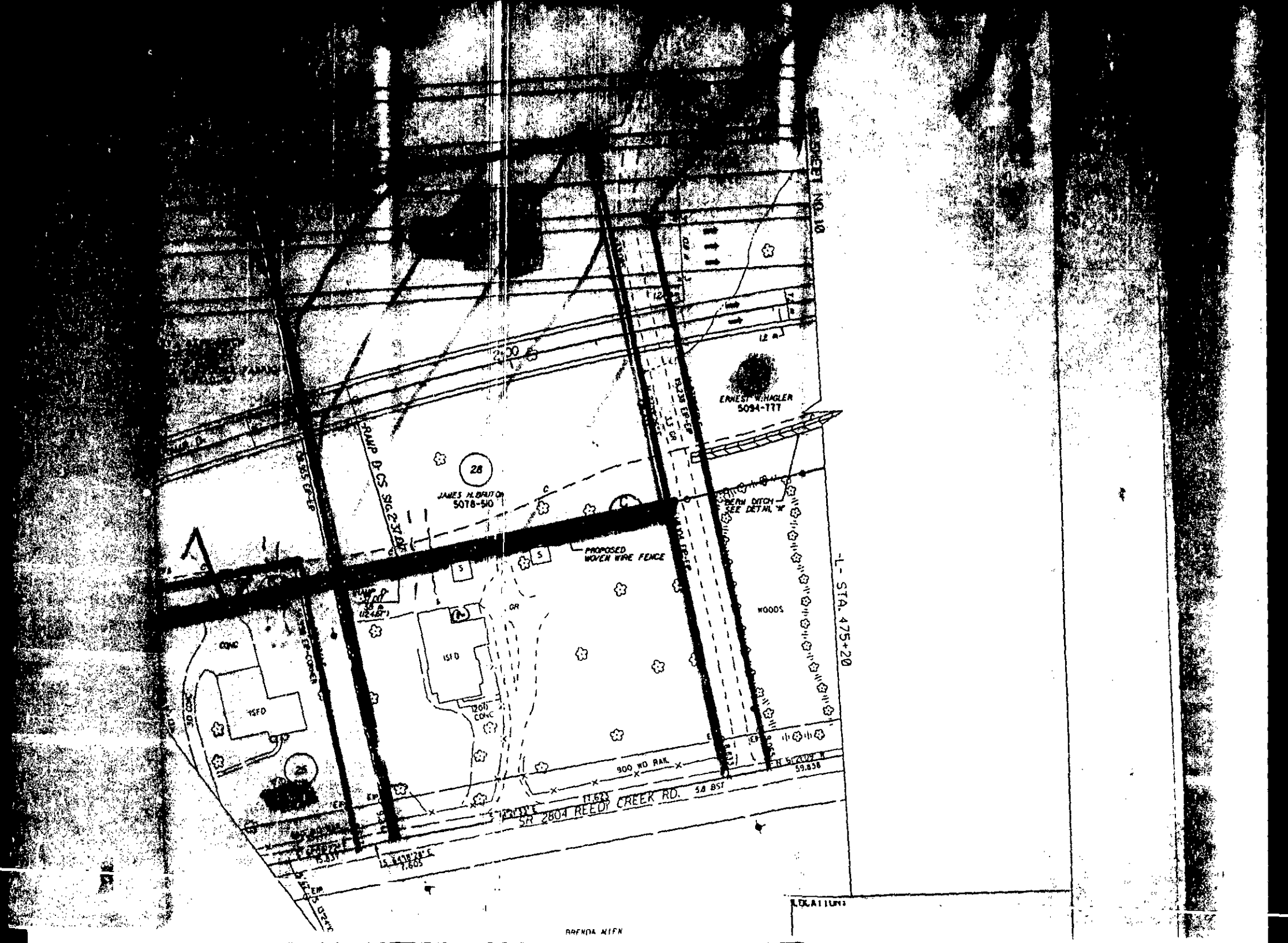
OWNER/AGENT SIGNATURE

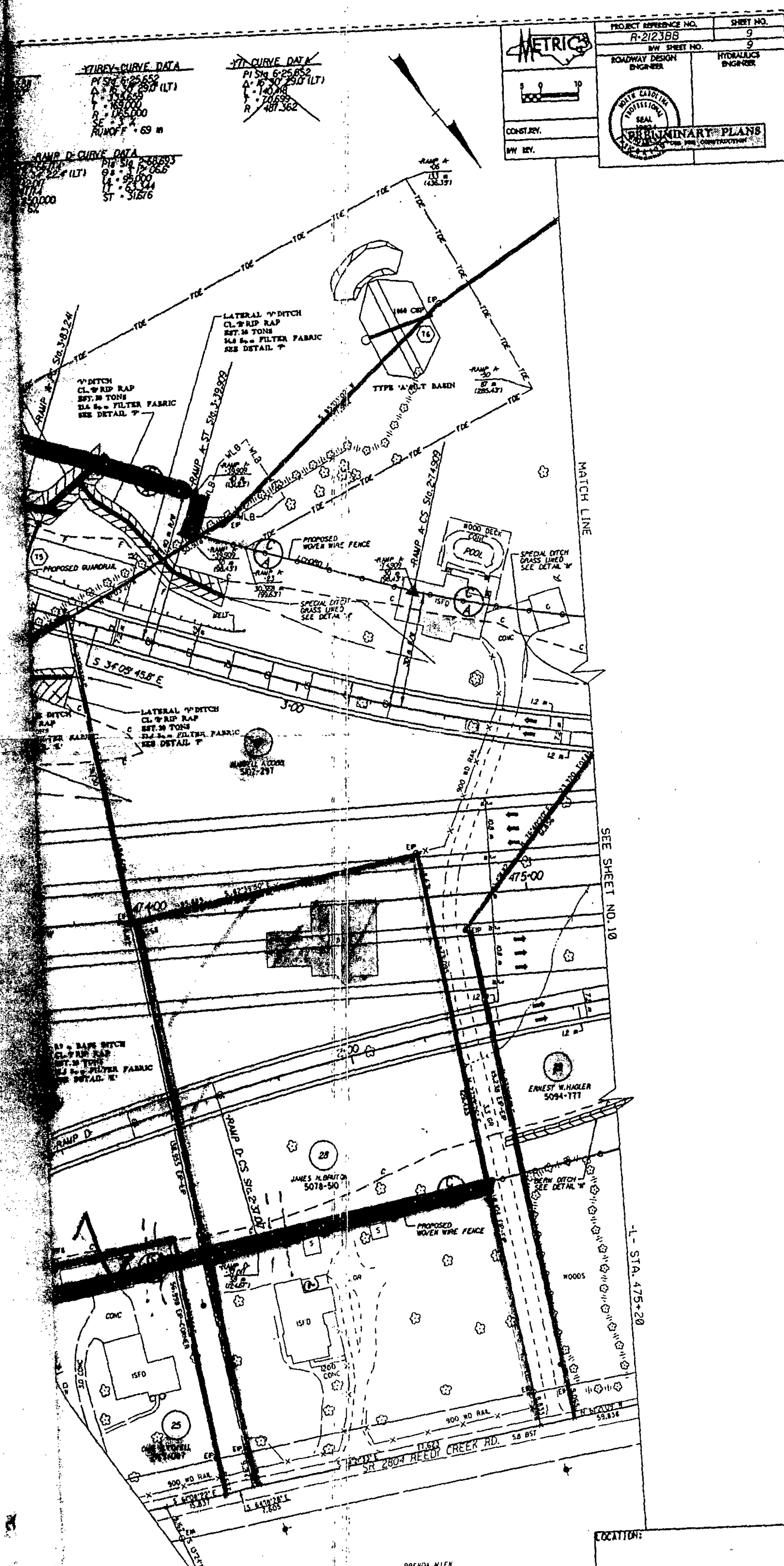
DATE

APPROVAL DATE

White - Health Department's Copy Canary - E.H.S. Copy Pink - Owner's Copy


METRIC
PROJECT REFERENCE NO. R-2123BB
SHEET NO. 9
RW SHEET NO. 9
ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER
SEAL
PRELIMINARY PLANS
NOT FOR CONSTRUCTION
CONST.REV.
RW REV.
-Y1REV- CURVE DATA
PI Sta 6+25.652
Δ = 16°30'29.0" (LT)
D = 3°38.659
L = 169.000
R = 1645.000
SE = 3 %
RUNOFF = 69 m
-Y1- CURVE DATA
PI Sta 6+25.652
Δ = 16°30'29.0" (LT)
D = 3°38.659
L = 169.000
R = 487.362
RAMP D CURVE DATA
PI Sta 2+88.693
Δ = 12°06.6
D = 22.4° (LT)
L = 96.000
Lt = 63.944
R = 250.000
ST = 31.676
= 8%
RAMP A-YS Sta 3+83.524
RAMP A-ST Sta 3+39.909
RAMP A-CS Sta 2+74.909
LATERAL 'V' DITCH
CL 'R' RIP RAP
EST. 36 TONS
314 Sq. m FILTER FABRIC
SEE DETAIL 'F'
'V' DITCH
CL 'R' RIP RAP
EST. 36 TONS
314 Sq. m FILTER FABRIC
SEE DETAIL 'F'
1800 CSP
TYPE 'A' SPLIT BASIN
TOE
WLB
EP
PROPOSED WOVEN WIRE FENCE
PROPOSED GUARDRAIL
SPECIAL DITCH GRASS LINED SEE DETAIL 'E'
WOOD DECK
POOL
ISFD
CONC
MATCH LINE
S 34°05'45.8" E
3.00
1.2 m
LATERAL 'V' DITCH
CL 'R' RIP RAP
EST. 36 TONS
FILTER FABRIC


-L- STA. 475+20
ERNEST W. HAGLER
5094-777
JAMES H. BRITT JR.
5078-510
28
PROPOSED WOVEN WIRE FENCE
BRAN DITCH
SEE DETAIL 'A'
WOODS
RAMP D-CS SG 23.37
SR 2604 REEDY CREEK RD.
900 NO RAIL
59.838
N 51°43'09" W
11.673
S 84°18'28" E
7.605
ISFD
ISID
CONC
30 CONC
120' CONC
LOCATION:
BRENDA ALLEN



PROJECT REFERENCE NO.
SHEET NO.
R-2123BB
9
RW SHEET NO.
9
ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER
METRIC
CONST. REV.
RW REV.
PRELIMINARY PLANS
-Y7 CURVE DATA
PI Sta 6+25.652
RAMP D CURVE DATA
LATERAL 'V' DITCH
CL. 'B' RIP RAP
SEE DETAIL 'F'
TYPE 'A' SILT BASIN
MATCH LINE
PROPOSED WOVEN WIRE FENCE
SPECIAL DITCH GRASS LINED SEE DETAIL 'K'
PROPOSED GUARDRAIL
POOL
WOOD DECK
S 34°05'45.8" E
RAMP A-CS Sta.2+74.909
RAMP A-ST Sta.3+39.909
RAMP D-CS Sta.2+37.047
RAMP D
SEE SHEET NO. 10
475+00
ERNEST W. HAGLER
5094-777
JAMES H. BRITTON
5078-510
BERM DITCH SEE DETAIL 'K'
WOODS
-L- STA. 475+20
900 WD RAIL
SR 2804 REEDY CREEK RD.
LOCATION: