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

Sheet ___ *of* ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _Jamie McMurray_____ APPLICATION DATE_____
ADDRESS:_____ DATE EVALUATED: _____
PROPOSED FACILITY: _5 bedroom_____PROPOSED DESIGN FLOW (.1949): _600 GPD_____ PROPERTY SIZE: _____
LOCATION OF SITE: _440 Beechttree Rd_____ PROPERTY RECORDED: _____
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	LS 15 %	0-18	Br SCL WSBK	FR SS SP		48"			PS 0.3
		18-32	R C SBK	FR SS SP			Few SAP		
		32-48	R CL WSBK	FR SS SP					
2	LS 10%	0-4	Br SCL WSBK	FR SS SP		36"			PS 0.3
		4-36	R C SBK	FR SS SP					
		36	SL SAP M	VFR SS SP					
3	LS 10%	0-4	Br SCL WSBK	FR SS SP		48"			PS 0.3
		4-48	R C SBK	FR SS SP					
4	LS 10%	0-4	Br SCL WSBK	FR SS SP	Com Mottles	23"			US
		4- 23	Y C WSBK	FR SS SP					
		23	Y C WABK	FI-VFI S P EXP					

Soils
OK
Lmk

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1500 FT2	
System Type(s)	25% Reduction	
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _M A & Associates_____
OTHER(S) PRESENT: _____

COMMENTS: _____

SOIL/SITE EVALUATION

(Continuation Sheet)

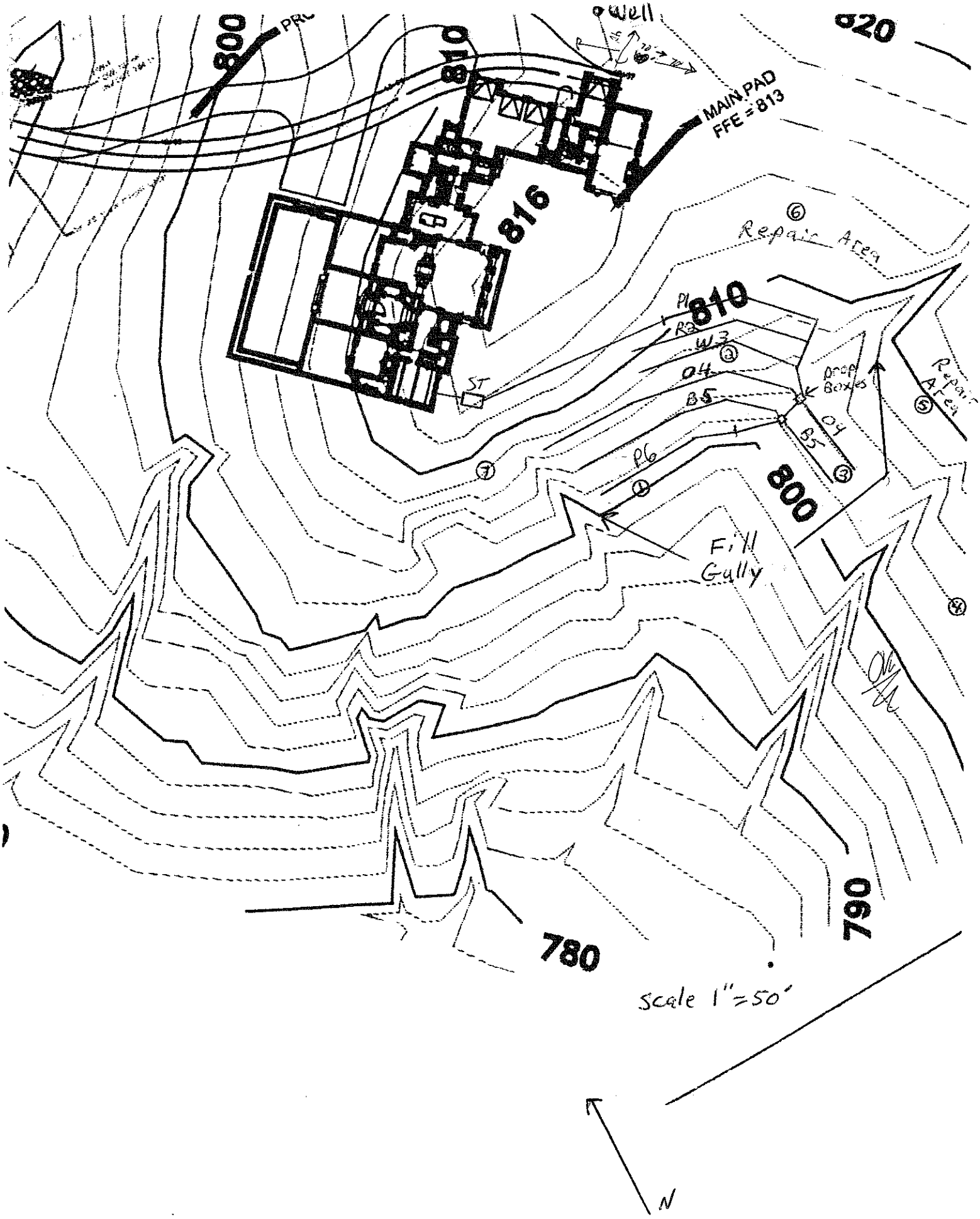
Sheet ____ of ____

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)		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	
5	LS 10%	0-4	Br SCL WSBK	FR SS SP		40"			PS 0.3
		4-40	R C SBK	FR SS SP					
		40	AR						
6	LS 10%	0-6	Br SCL WSBK	FR SS SP		48"			PS 0.3
		6-38	R C SBK	FR SS SP					
		38-48	R CL WSBK	FR SS SP					
7	LS 12%	0-24	YR C SBK	FR SS SP		24"			US
		24	SCL-CL SAP M	FR SS SP					

COMMENTS: _____


820
Well
MAIN PAD
FFE = 813
816
Repair Area
810
800
Fill
Gully
790
780
scale 1"=50'
N

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 OF 2
PIN #: 4626-76-7875
Lot #: 8
Permit #: 180137
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: ARDACIA HOMES
Applicant: SAME
Address: PO BOX 471941 CHARLOTTE, NC
Date Evaluated: 1/29/2014
Proposed Facility: SFR
Design Flow (.1949) 600
Property Size: 28 AC
Location of Site: BEECHTREE RD LOT 8
Property Recorded: YES
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
PIT 1	LINEAR 5%	0-21	RC,M,SBK	SS	NA	35"	S	60+	.3
		21-35	RCL,W,SBK	SS					
		35-60	SAP	SS					
PIT 2	LINEAR 5%	0-18	RC,M,SBK	SS	NA	42"	U	42"	.3
		18-42	RCL,W,SBK	SS					
		42-60	ROCK/SAP						
PIT 3	LINEAR 6%	0-22	RC,M,SBK	SS	NA	34"	S	60+	.3
		22-34	RCL,M,SBK	SS					
		34-60	SAP	SS					
PIT 4	LINEAR 6%	0-31	RC,M,SBK	SS	NA	60"	NA	60+	.3
		31-60	RCL,W,SBK	SS					

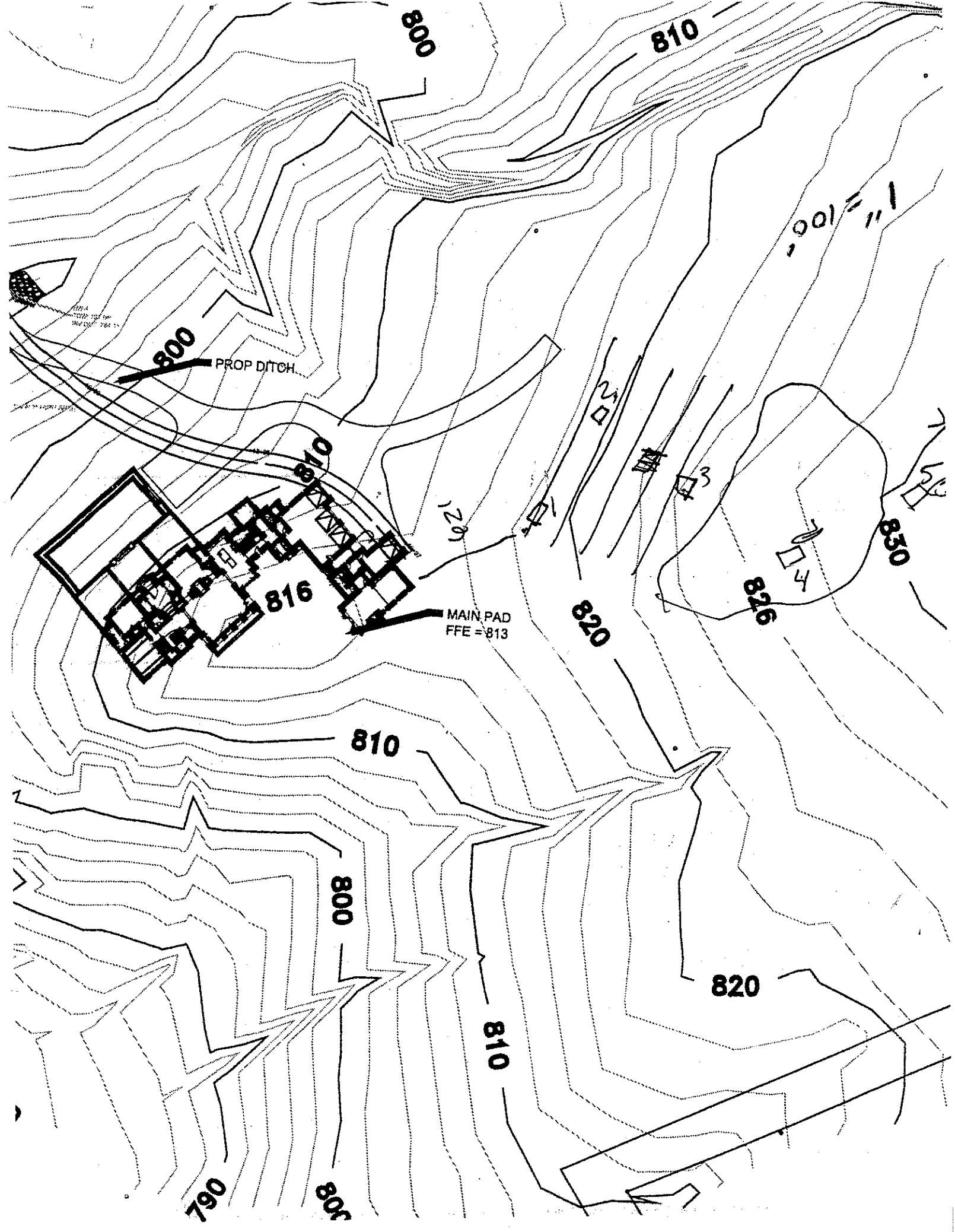
Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	PM 25% RED	PM 25% RED
Site LTAR	.3	.3

Other Factors (.1946): 30" TRENCH BOTTOM
Soil Evaluation By: BEN ALDRIDGE
Others Present: DALE RUSSELL
Site Classification (.1948): PS
Site Evaluation By: BEN ALDRIDGE
Others Present: NONE

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

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 (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
PIT 5	LINEAR 5%	0-12	SCL,W,SBK	SS	NA	12"	NA	12"	U
		12+	ROCK						


800
810
PROP DITCH
800
810
816
MAIN PAD
FFE = 813
820
826
830
810
800
820
810
790
808