

10131 MEADOW HOLLOW DR

13932209

7/7/08

marliwr

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

Mecklenburg County
Health Department

TELECOPIER TRANSMITTAL COVER SHEET

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TO: WENDEL OUBERG TELECOPIER # 720-9406

FROM: D. Wells DATE 6-21-01

NUMBER OF PAGES TRANSMITTED: _____ (including cover sheet)

COMMENTS:

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☐ U.S. Mail ☐ Hand Delivery ☐ _____

Environmental Health Division
700 North Tryon Street • Suite 211 • Charlotte, North Carolina 28202-2236

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

#2

Sheet: _____
Property ID: 139-322-09
Lot #: 29
File #: 13442

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Craft Builders, Inc. APPLICANT: A.W. Wilmore
ADDRESS: 2649 Breckenridge Dr, Monroe DATE EVALUATED: 6-21-06
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949) 360gpd PROPERTY SIZE: 1.16
LOCATION OF SITE: 10131 Meadow Hollow Dr. PROPERTY RECORDED: _____
WATER SUPPLY: ☐Private ☐Public ☐Well ☐Spring ☒Other Community
EVALUATION METHOD: ☒Augur Boring ☐Pit ☐Cut
TYPE OF WASTEWATER: ☒Sewage ☐Industrial Process ☐Mixed

PROFILE #	.1940 Landscape Position/ Slope %	Horizon Depth (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS &LTAR
1	R	0-15"	gr/sl	Fr/SE/APl/SS/SP	>48" TO soil WETNESS	48"	N/A	None	US .341 PL IV
		15-48"	SBK/f	FI/SE/APl/SP					
2	LS	0-4"	Gr/sl	FI/SE	>26" TO soil WETNESS	25"	N/A	None	US
		4-19"	SBK/f	FI/SE/APl/SP					
		19-25"	ABK/f	uFI/Mixed/VS/VP					
3	LS	0-3"	gr/sl	FI/SE/APl/SS/SP	>16" TO soil WETNESS	16"	N/A	None	US
		3-16"	ABK/sc	uFI/Mixed/VS/VP					
4	LS	0-3"	gr/sl	FI/SE/APl/SS/VP	>18" TO soil WETNESS	18"	N/A	None	US III
		3-18"	SBK/sc/	FI/SE/APl/SS/SP					
5	LS	0-5"	gr/sl	FI/SE/APl/SS/SP	>34" TO soil WETNESS	34"	N/A	None	US IV .225 PL
		5-34"	SBK/f	FI/SE/APl/SP					

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: W.R. Medlin 1.55 - 6-26-06
OTHER(S) PRESENT: _____

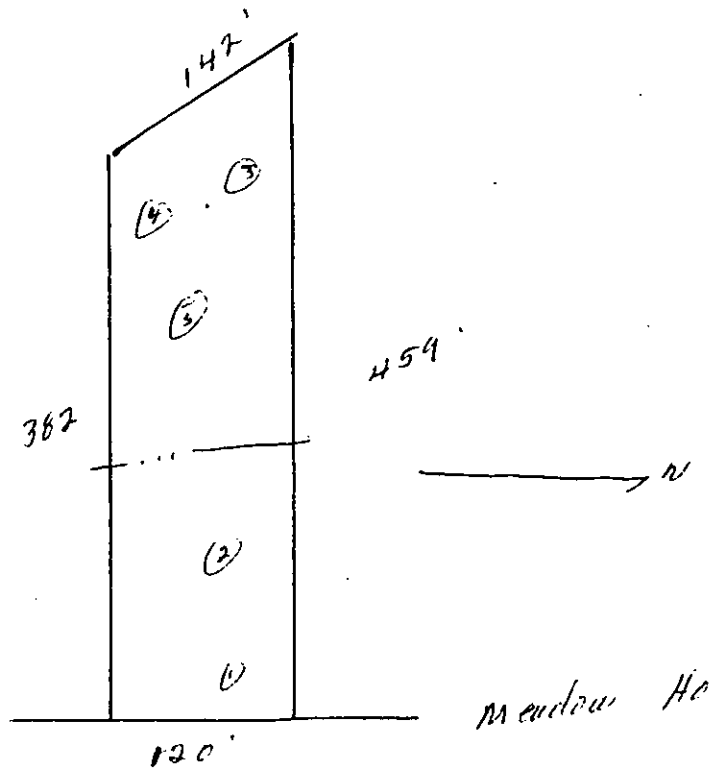
FILE # 13442

COMMENTS WCR Repair not required

LANDSCAPE POSITION	GROUP	TEXTURE	.1955 LTAR
R-RIDGE	I	S-SAND	1.2-0.8
S-SHOULDER SLOPE		LS-LOAMY SAND	
L-LINEAR SLOPE			
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8-0.6
N-NOSE SLOPE		L-LOAM	
H-HEAD SLOPE			
CC-CONCLAVE SLOPE	III	SI-SILT	0.6-0.3
CV-CONVEX SLOPE		SICL-SILTY CLAY LOAM	
T-TERRACE		CL-CLAY LOAM	
FP-FLOOD PLAIN		SCL-SANDY CLAY LOAM	
	IV	SC-SANDY CLAY	0.4-0.1
		SIC-SILTY CLAY	
		O-ORGANIC	

CONSISTENCE	
MOIST	WET
VFR-VERY FRIABLE	NS-NON-STICKY
FR-FRIABLE	SS-SLIGHTLYSTICKY
FI-FIRM	S-STICKY
VFI-VERY FIRM	VS-VERY STICKY
EFI-EXTREMELY FIRM	NP-NON-PLASTIC
	SP-SLIGHTLYSTICKY
	P-PLASTIC
	VP-VERY PLASTIC

STRUCTURE	MINERALOGY
SG-SINGLE GRAIN	SLIGHTLY EXPANSIVE
M-MASSIVE	
CR-CRUMB	EXPANSIVE
GR-GRANULAR	
SBK-SUBANGULAR BLOCKY	
ABK-ANGULAR BLOCKY	
PL-PLATY	
PR-PRISMATIC	



Soil & Environmental Consultants, Inc.

710 Boston Road ■ Taylorsville, North Carolina 28681 ■ Phone: (828) 635-5820 ■ Fax: (828) 635-5820
Web Page: www.SandEC.com

13442

September 29, 2000
Project # 2-1382

Craft Builders 531-8914
Attn: Rick Witmore
P.O. Box 1397
Monroe, NC 28111
Fax: (704) 821-3037
(704) 283-9426

Re: Meadow Hollow Rd Lot 9

Dear Mr. Witmore:

Ashley Rollans, a Licensed Soil Scientist, from Soil & Environmental Consultants, Inc. (S&EC) performed a preliminary soil/site suitability evaluation on lot #9 off of Meadow Hollow Rd., which is located off Cabarrus Rd., in Mecklenburg County, NC. The site evaluation was performed at your request as part of the preliminary planning process in order to determine areas of soil, which have potential for subsurface wastewater disposal.

S&EC traversed the property and observed landforms (slope, drainage patterns, past use, etc.) as well as soil conditions (depth, texture, structure, seasonal wetness, restrictive horizons, etc.) through the use of hand auger borings. From these observations, a preliminary evaluation of the site, relative to subsurface disposal of wastewater, was developed. The potentially useable areas were estimated from the field observations and are shown on the accompanying sketch map. The areas considered potentially useable are those, which meet the vertical soil criteria for conventional, large diameter pipe, or Low Pressure Pipe (LPP) septic systems. The criteria used is contained in Article 11 of GS 130A, "Laws and Rules for Sewage Treatment and Disposal Systems", Sections .1940 through .1944.

Once potentially useable areas are located, the next consideration is the horizontal extent of those areas. The size and configuration of the useable soil area dictate the utility of that area. The size of a subsurface disposal field is determined by: 1) design flow from the source (in residences this is determined by the number of bedrooms, e.g. 120 gallons per day per bedroom) and 2) the long-term acceptance rate (LTAR) of the soil (based on the hydraulic conductivity of the soil, a function of the soil's texture, mineralogy, structure, porosity, etc.). The configuration must be such that an efficient layout of disposal lines (on contour) is possible. An additional consideration is the required setbacks for the system from various elements such as wells (100'), streams and ponds (50'), property lines (10'), top of embankment (15'), etc.

The site plan for a lot must ensure that adequate soil area for system and repair is unaffected by site elements (building placement, parking lots, roads, etc.). The area designated on the site plan for the septic system and repair must remain undisturbed (no mechanical clearing, excavation, heavy traffic or other significant site disturbing activities) until authorized by the appropriate permitting agency. A lot with adequate usable soil area may be rendered unusable as a result of improper site planning and/or disturbance.

The site is located in the Piedmont Region of North Carolina. Within the evaluated tracts, the unsuitable areas are due to depths to restrictive horizons (clay mineralogy, soil wetness, etc.), complex topography, or drainageways. The usable soils on this tract consist of a clay textured Bt horizon. Such soils can be permitted for conventional septic systems by the county with a loading rate of 0.1 to 0.4 gpd/ft^2 on a trench bottom area basis or for a Low Pressure Pipe system with a loading rate of 0.05 to 0.2 gpd/ft^2 on an area basis. These loading rates are taken from 15 NCAC 18A.1900 (Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal) and are based on the most hydraulically limiting layer within three feet for Conventional systems and within two feet for LPP (i.e. the Bt or BC Horizon in this case).

Mr. Rollans delineated a soil area on the back of the property that was potentially usable. The potentially usable area consisted of soils between 20 and 30 inches deep. These soils may be deep enough for utilizing an at-grade LPP or a subsurface drip irrigation septic system. The LPP system is the preferred system due to the potentially cheaper cost. Mr. Rollans contacted you to let you know what he found. During this conversation, you stated that the lot was recorded before a repair area was required, so this lot should be exempted from having a repair area.

Next a layout was performed within the potentially usable soil area. The layout shows the location of proposed drain field lines. A copy of the layout is attached to this report. A total of 750 linear feet of line was laid out on 5 feet centers. This equates to a 0.1 gpd/ft^2 LTAR with a 3 bedroom house.

This is a preliminary report, which discusses the potentially useable soils for on-site subsurface wastewater disposal; and, of course, does not constitute or imply any approval or permit, as needed by the client form the local health department. An individual septic system permit will be required for this lot prior to obtaining a building permit. This will involve a detailed evaluation by the local health department to determine, among other things, system size and layout, loading rate, well, drive and house location. Only after developing this information can a final determination be made concerning specifics of system design and site suitability. This proposal must be reviewed by the county, at which point they may approve or deny the proposal, or ask for more information concerning the proposal.

Soil & Environmental Consultants, Inc. is pleased to be of service in this matter and we look forward to assisting in the successful completion of the project. Please feel free to call with any questions or comments.

Sincerely,



Steven M. Price
NC Licensed Soil Scientist # 1153

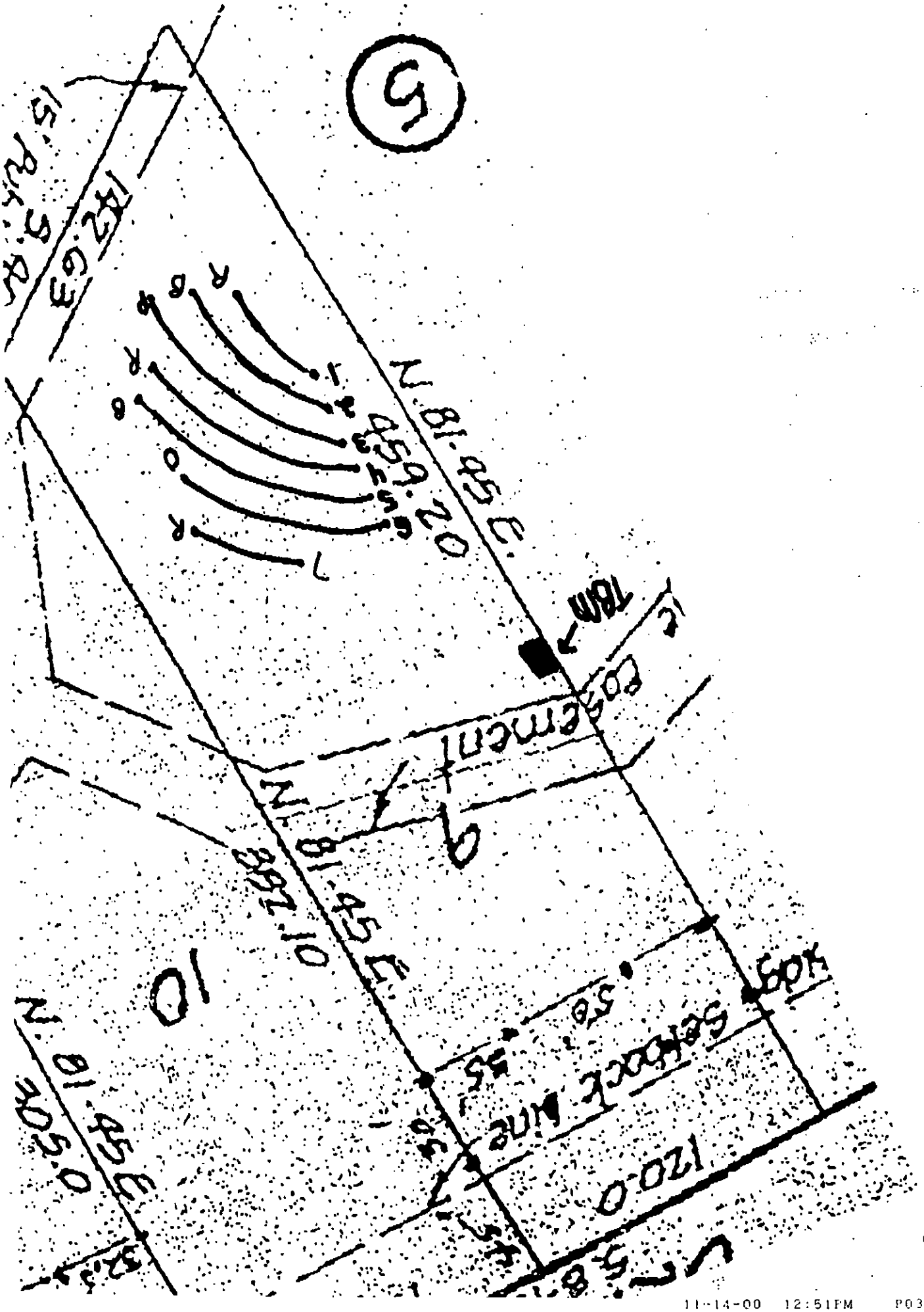
Client:	Craft Builders
Project Name:	Meadowhollow Rd
Project #:	2-1382
Lot #:	9
Estimated design daily flov	360 gpd
System type:	LPP

Line #	Color	Rod reading	Relative elevation	Line length (ft)
1	red	3.05	106.25	59
2	blue	3.55	105.75	98
3	pink	4.65	104.65	137
4	red	5.9	103.4	133
5	blue	6.7	102.6	137
6	orange	7.55	101.75	103
7	red	8.45	100.85	83
TBM		9.3	100	
			Total Line Length:	750

3 Bedroom house

System line length: **750'** LTAR~ **0.1 gpd/ft^2**

Client says repair is not required due to lot being recorded before repair was necessary


N.81.45 E.
459.20
TBM
Easement
N.81.45 E.
382.10
10
N.81.45 E.
305.0
120.0
Sanitary Line
Sanitary Manhole
35
35
35
35
182.63
15' Alley

S&EC

Soil & Environmental Consultants, Inc.

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Web Page: www.SandEC.com

13442

September 29, 2000
Project # 2-1382

Craft Builders
Attn: Rick Witmore
P.O. Box 1397
Monroe, NC 28111
Fax: (704) 821-3037
(704) 283-9426

Re: Meadow Hollow Rd Lot 11

Dear Mr. Witmore:

Ashley Rollans, a Licensed Soil Scientist, from Soil & Environmental Consultants, Inc. (S&EC) performed a preliminary soil/site suitability evaluation on lot #11 off of Meadow Hollow Rd., which is located off Cabarrus Rd., in Mecklenburg County, NC. The site evaluation was performed at your request as part of the preliminary planning process in order to determine areas of soil, which have potential for subsurface wastewater disposal.

S&EC traversed the property and observed landforms (slope, drainage patterns, past use, etc.) as well as soil conditions (depth, texture, structure, seasonal wetness, restrictive horizons, etc.) through the use of hand auger borings. From these observations, a preliminary evaluation of the site, relative to subsurface disposal of wastewater, was developed. The potentially useable areas were estimated from the field observations and are shown on the accompanying sketch map. The areas considered potentially useable are those, which meet the vertical soil criteria for conventional, large diameter pipe, or Low Pressure Pipe (LPP) septic systems. The criteria used is contained in Article 11 of GS 130A, "Laws and Rules for Sewage Treatment and Disposal Systems", Sections .1940 through .1944.

Once potentially useable areas are located, the next consideration is the horizontal extent of those areas. The size and configuration of the useable soil area dictate the utility of that area. The size of a subsurface disposal field is determined by: 1) design flow from the source (in residences this is determined by the number of bedrooms, e.g. 120 gallons per day per bedroom) and 2) the long-term acceptance rate (LTAR) of the soil (based on the hydraulic conductivity of the soil, a function of the soil's texture, mineralogy, structure, porosity, etc.). The configuration must be such that an efficient layout of disposal lines (on contour) is possible. An additional consideration is the required setbacks for the system from various elements such as wells (100'), streams and ponds (50'), property lines (10'), top of embankment (15'), etc.

The site plan for a lot must ensure that adequate soil area for system and repair is unaffected by site elements (building placement, parking lots, roads, etc.). The area designated on the site plan for the septic system and repair must remain undisturbed (no mechanical clearing, excavation, heavy traffic or other significant site disturbing activities) until authorized by the appropriate permitting agency. A lot with adequate usable soil area may be rendered unusable as a result of improper site planning and/or disturbance.

The site is located in the Piedmont Region of North Carolina. Within the evaluated tracts, the unsuitable areas are due to depths to restrictive horizons (clay mineralogy, soil wetness, etc.), complex topography, or drainageways. The usable soils on this tract consist of a clay textured Bt horizon. Such soils can be permitted for conventional septic systems by the county with a loading rate of 0.1 to 0.4 gpd/ft^2 on a trench bottom area basis or for a Low Pressure Pipe system with a loading rate of 0.05 to 0.2 gpd/ft^2 on an area basis. These loading rates are taken from 15 NCAC 18A.1900 (Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal) and are based on the most hydraulically limiting layer within three feet for Conventional systems and within two feet for LPP (i.e. the Bt or BC Horizon in this case).

Mr. Rollans delineated a soil area on the back of the property that was potentially usable. The potentially usable area consisted of soils between 24 and 30 inches deep. These soils may be deep enough for utilizing an ultra-shallow polystyrene or chambered system or a LPP septic system. The ultra-shallow polystyrene or chambered system is the preferred system. This is due to the potentially cheaper cost of installation and design. Mr. Rollans contacted you to let you know what he found. During this conversation, you stated that the lot was recorded before a repair area was required, so this lot should be exempted from having a repair area.

Next a layout was performed within the potentially usable soil area. The layout shows the location of proposed drain field lines. A copy of the layout is attached to this report, and shows two options. Option #1 shows a total of 244 linear feet of line was laid out on 10 feet centers. This equates to a 0.25 gpd/ft^2 LTAR with a 2 bedroom house, if an ultra-shallow polystyrene or chambered system is utilized.

The reason for utilizing 10 feet centers is that if the county will only approve an LPP septic system, we may be able to infer that there is room enough between each staked line for another line on 5 feet centers, which is option #2. In this case at least 420 linear feet of line could be utilized. This is enough for a 0.11 gpd/ft^2 LTAR, with LPP distribution and on 5 feet centers, with a 2 bedroom house.

This is a preliminary report, which discusses the potentially useable soils for on-site subsurface wastewater disposal, and, of course, does not constitute or imply any approval or permit, as needed by the client form the local health department. An individual septic system permit will be required for this lot prior to obtaining a building permit. This will involve a detailed evaluation by the local health department to determine, among other things, system size and layout, loading rate, well, drive and house location. Only after developing this information can a final determination be made concerning specifics of system design and site suitability. This proposal must be reviewed by the county, at which point they may approve or deny the proposal, or ask for more information concerning the proposal.

Soil & Environmental Consultants, Inc. is pleased to be of service in this matter and we look forward to assisting in the successful completion of the project. Please feel free to call with any questions or comments.

Sincerely,



Steven M. Price
NC Licensed Soil Scientist # 1153

Client:	Craft Builders
Project Name:	Meadowhollow Rd
Project #:	2-1382
Lot #:	11
Estimated design daily flow:	240 gpd

Option #1

System type: Polystyrene or chambered (ultra shallow)

Line #	Color	Rod reading	Relative elevation	Line length (ft)
1	red	3.8	97.05	23
2	blue	4.6	96.25	58
3	orange	5.5	95.35	68
4	pink	6.45	94.4	47
5	red	7.5	93.35	24
6	orange	8.4	92.45	24
TBM		0.85	100	

Total Line Length: **244**

2 Bedroom house

System line length: **244'** LTAR~ **0.25 gpd/ft^2**

Client says repair is not required due to lot being recorded before repair was necessary

Option #2

System type: LPP

Line #	Color	Rod reading	Relative elevation	Line length (ft)
1	red	3.8	97.05	23
i		4.2	96.65	23
2	blue	4.6	96.25	58
i		5.05	95.8	58
3	orange	5.5	95.35	68
i		5.98	94.87	47
4	pink	6.45	94.4	47
i		6.98	93.87	24
5	red	7.5	93.35	24
i		7.95	92.9	24
6	orange	8.4	92.45	24
TBM		0.85	100	

i = inferred line (no line was laid out but room was left between the other lines)

Total Line Length: **420**

2 Bedroom house

System line length: **420'** LTAR~ **0.11 gpd/ft^2**

Client says repair is not required due to lot being recorded before repair was necessary

S.8-15 E.

80

115.0

20.0

TBM

1

2

3

4

5

R

P

B

O

P

1

O

32.5

N. 81.45 E.

305.0

11

10

N. 81.45 E.

244.50

54

130.41

S. 3.3 - 23-10 E.

2.03

40'

C.M.

13442

Soil & Environmental Consultants, Inc.
710 Boston Road ■ Taylorsville, North Carolina 28681 ■ Phone: (828) 635-5820 ■ Fax: (828) 635-5820
Web Page: www.SandEC.com

13442

September 29, 2000
Project # 2-1382

Craft Builders 531-8914
Attn: Rick Witmore
P.O. Box 1397
Monroe, NC 28111
Fax: (704) 821-3037
(704) 283-9426

Re: Meadow Hollow Rd Lot 9

Dear Mr. Witmore:

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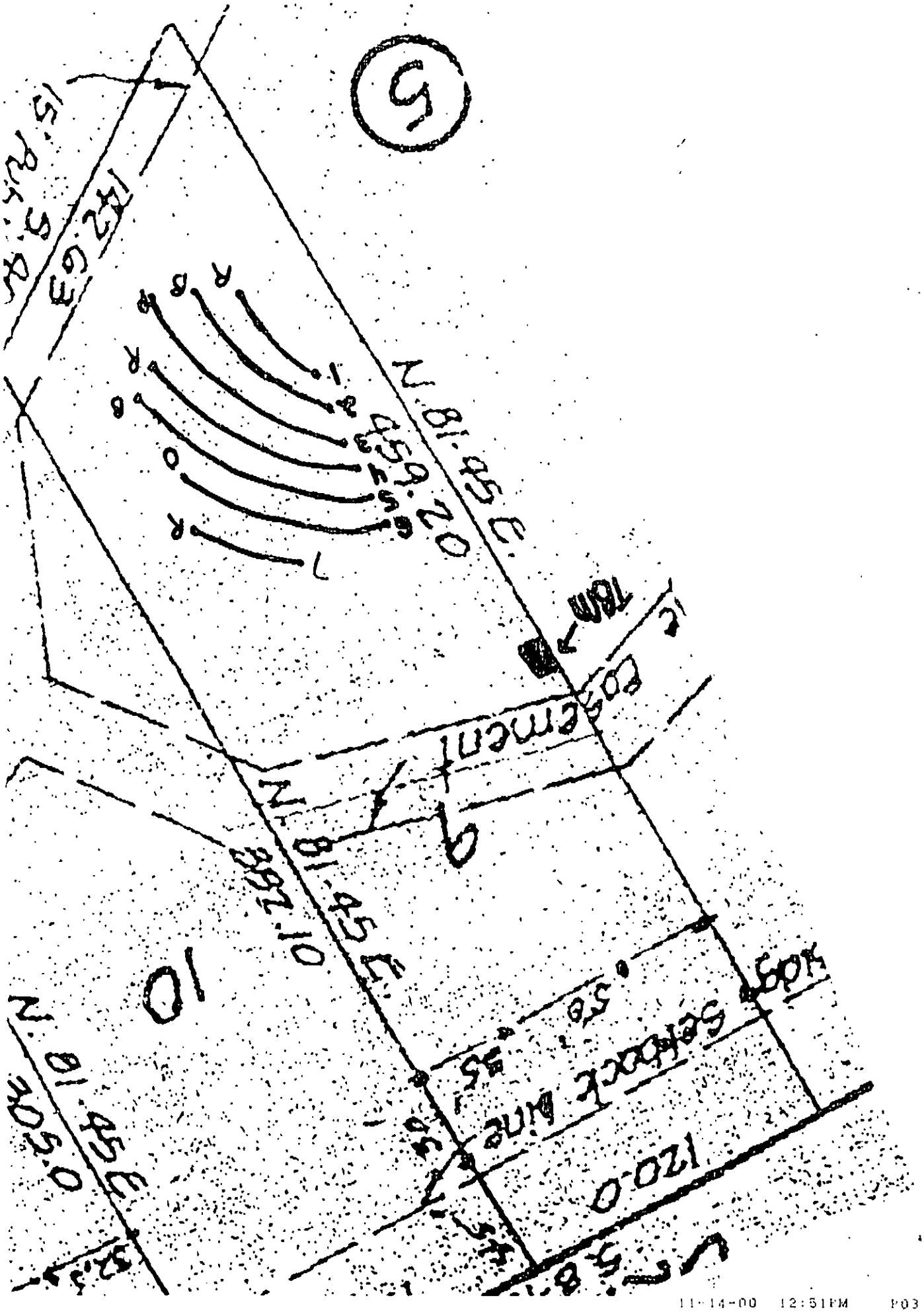
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Sincerely,



Steven M. Price
NC Licensed Soil Scientist # 1153


9
N. 81.45 E.
659.20
182.63
15.84
TBM
Easement
N. 81.45 E.
892.10
10
N. 81.45 E.
305.0
Setback Line
120.0
Lot

Client:	Craft Builders
Project Name:	Meadowhollow Rd
Project #:	2-1382
Lot #:	9
Estimated design daily flow	360 gpd
System type:	LPP

Line #	Color	Rod reading	Relative elevation	Line length (ft)
1	red	3.05	106.25	59
2	blue	3.55	105.75	98
3	pink	4.65	104.65	137
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5	blue	6.7	102.6	137
6	orange	7.55	101.75	103
7	red	8.45	100.85	83
TBM		9.3	100	
			Total Line Length:	750

3 Bedroom house

System line length: **750'** LTAR~ **0.1 gpd/ft^2**

Client says repair is not required due to lot being recorded before repair was necessary

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

#2 ACS

Sheet: _____
Property ID: 139-322-09
Lot #: 29
File #: 13442

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Craft Builders, Inc. APPLICANT: Bill Wilmore
ADDRESS: 2649 Breckenridge Dr, Monroe DATE EVALUATED: 6-21-00
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949) 360gpd PROPERTY SIZE: 1.16
LOCATION OF SITE: 10131 Meadow Hollow Dr. PROPERTY RECORDED: _____
WATER SUPPLY: ☐Private ☐Public ☐Well ☐Spring ☐Other Community
EVALUATION METHOD: ☑Augur Boring ☐Pit ☐Cut
TYPE OF WASTEWATER: ☑Sewage ☐Industrial Process ☐Mixed

PROFILE #:	3 loams 5-17% .1940 Landscape Position/ Slope %	Horizon Depth (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS &LTAR
1	R	0-15"	gr/sl	Fr/SE/P/SS/SP	48" to soil wetness	48"	N/A	None	US .34, PA IV
		15-48"	SBK/c	Fi/SE/P/S/P					
2	LS	0-4"	gr/sl	Fr/SE	26" to soil wetness	25"	N/A	None	US
		4-19"	SBK/c	Fi/SE/P/S/P					
		19-25"	ABK/c	vFi/ Mixed/VS/VP					
3	LS	0-3"	gr/sl	Fr/SE/P/SS/SP	16" to soil wetness	16"	N/A	None	US
		3-16"	ABK/sc	vFi/ Mixed/VS/VP					
4	LS	0-3"	gr/sl	Fr/SE/P/NS/NP	18" to soil wetness	18"	N/A	None	US III
		3-18"	SBK/sc	Fr/SE/P/SS/SP					
5	LS	0-5"	gr/sl	Fr/SE/P/SS/SP	34" to soil wetness	34"	N/A	None	US IV .22 SS/P
		5-34"	SBK/c	Fi/SE/P/S/P					
3A Pit	LS	0-5"	gr/sl	Fr/SE/P/SS/SP	48" to soil wetness	48"	N/A	None	US
		5-17"	SBK/sc	vFi/ Mixed/VS/VP					
		17-48"	M/sl	Fi/SE/P/SS/SP					
4A	LS	0-6"	gr/sl	Fr/SE/P/SS/SP	43" to soil wetness	43"	N/A	None	US IV
		6-24"	SBK/c	Fi/SE/P/S/P					
		24-43"	M/c	Fi/SE/P/SS/SP					

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: W. R. Marti LSS - 6-26-00
OTHER(S) PRESENT: _____

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

Sheet: 2

Property ID: _____

Lot #: _____

File #: 13442

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICANT: _____

ADDRESS: _____ DATE EVALUATED: _____

PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949) _____ PROPERTY SIZE: _____

LOCATION OF SITE: _____ PROPERTY RECORDED: _____

WATER SUPPLY: ☐Private ☐Public ☐Well ☐Spring ☐Other _____

EVALUATION METHOD: ☐Augur Boring ☐Pit ☐Cut

TYPE OF WASTEWATER: ☐Sewage ☐Industrial Process ☐Mixed

PROFILE #	.1940 Landscape Position/ Slope %	Horizon Depth (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS &LTAR
SA	LS	0-9"	gr/sl	Fr/SEXP/ SS/SP	7 46" TO 10YR 5/1 wetness	46"	N/A	None	US
		9-24"	SBK/sc	vFi/ Mixed/ /SS/P					
		24-40"	M/ sl	Fi/ SEXP/ /SS/SP					

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

OTHER FACTORS (.1946): _____

SITE CLASSIFICATION (.1948): _____

EVALUATED BY: _____

OTHER(S) PRESENT: _____

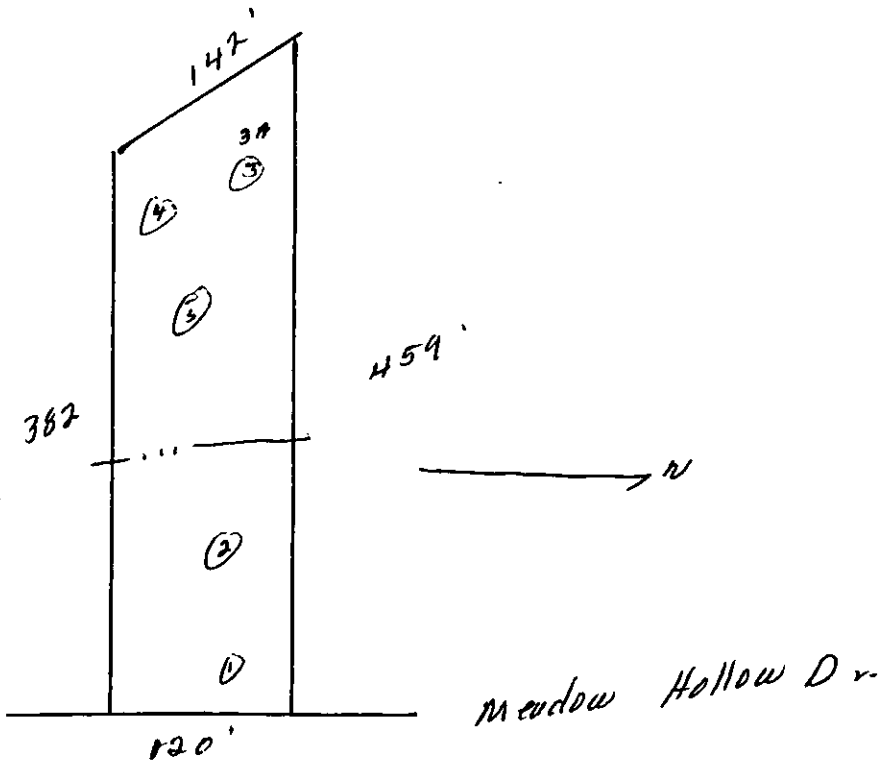
FILE # 13442

COMMENTS WDR Repair not required, pits dug on rear portion of lot 7-18-00. Could not get backhoe on site on 6-21-00 WAM 7-21-00

LANDSCAPE POSITION	GROUP	TEXTURE	.1955 LTAR
R-RIDGE	I	S-SAND	1.2-0.8
S-SHOULDER SLOPE		LS-LOAMY SAND	
L-LINEAR SLOPE			
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8-0.6
N-NOSE SLOPE		L-LOAM	
H-HEAD SLOPE			
CC-CONCLAVE SLOPE	III	SI-SILT	0.6-0.3
CV-CONVEX SLOPE		SICL-SILTY CLAY LOAM	
T-TERRACE		CL-CLAY LOAM	
FP-FLOOD PLAIN		SCL-SANDY CLAY LOAM	
	IV	SC-SANDY CLAY	0.4-0.1
		SIC-SILTY CLAY	
		O-ORGANIC	

CONSISTENCE MOIST	CONSISTENCE WET
VFR-VERY FRIABLE	NS-NON-STICKY
FR-FRIABLE	SS-SLIGHTLYSTICKY
FI-FIRM	S-STICKY
VFI-VERY FIRM	VS-VERY STICKY
EFI-EXTREMELY FIRM	NP-NON-PLASTIC
	SP-SLIGHTLYSTICKY
	P-PLASTIC
	VP-VERY PLASTIC

STRUCTURE	MINERALOGY
SG-SINGLE GRAIN	SLIGHTLY EXPANSIVE
M-MASSIVE	
CR-CRUMB	EXPANSIVE
GR-GRANULAR	
SBK-SUBANGULAR BLOCKY	
ABK-ANGULAR BLOCKY	
PL-PLATY	
PR-PRISMATIC	



FEE: 200 cash
DATE: 6/7/00 Rec'd

APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

[ ] CRT

TYPE APPLICATION: NEW SYSTEM __ EXPANSION/ ALTERATION OF EXISTING SYSTEM REPAIR OF EXISTING SYSTEM

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

FILE #: 13442

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 13932209

STREET ADDRESS: 10131 Meadow Hollow DR

SUBDIVISION OR MOBILE HOME PARK NAME: Country Hills

LOT NUMBER: 9 B5

TYPE OF BUILDING (CHECK ONE):

__ SINGLE MOBILE HOME(S)
__ DOUBLE WIDE (D)
✓ HOUSE (H)
__ MODULAR HOME (M)
__ MULTIPLE FAMILY (U)
__ OTHER (O)

TOWNSHIP (CHECK ONE):

✓ 0 MECKLENBURG
__ 1 CHARLOTTE
__ 2 DAVIDSON
__ 3 CORNELIUS
__ 4 PINEVILLE
__ 5 MATTHEWS
__ 6 HUNTERSVILLE
__ 7 MINT HILL

HEATED SQUARE FOOTAGE: 1500

NUMBER OF BEDROOMS: 3 NUMBER OF OCCUPANTS: 4

FOUNDATION FOR RESIDENCE:

__ WITHOUT BASEMENT
✓ ON SLAB
__ CRAWL SPACE
__ WITH BASEMENT /PLUMBING
__ WITH BASEMENT /NO PLUMBING

CLOSING DATE _____

IF EXPANSION/ALTERATION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED BUILDING ADDITION:

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: __ YES ✓ NO TYPE: _____

WATER SUPPLY (CHECK ONE):

__ COMMUNITY (C)
✓ MUNICIPAL (M)
__ PRIVATE WELL (P)
__ SHARED WELL (S)
__ OTHER 'SPRINGS' (O)

IF ANY OF THE FOLLOWING ARE LOCATED ON THE PROPERTY, PLEASE SHOW LOCATION ON PLAT:

BURIED CABLES, LANDFILLS, STUMPHOLES	__ YES ✓ NO	WELL, SPRINGS OR WATERLINES	__ YES ✓ NO
EXISTING WASTEWATER SYSTEMS	__ YES ✓ NO	DESIGNATED WETLANDS	__ YES ✓ NO
EASTMENTS OR RIGHT-OF-WAYS	__ YES ✓ NO		

PROPERTY OWNER:

NAME: CRAFT Builders INC.
(LAST) (FIRST) (MI)

ADDRESS: 2649 Beckonridge DR.

CITY: Monroe STATE: NC ZIP: 28110

DAYTIME PHONE: (704) 289 - 3362

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: Whitmore Richard W
(LAST) (FIRST) (MI)

DAYTIME PHONE: (704) 201 - 0180 / 821 - 3036

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 1979

An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. 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: Richard W. Whitmore DATE: 6/7/2000

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

MECKLENBURG COUNTY HEALTH DEPARTMENT
Environmental Health Fees

Requestor (please print): Rick Witmore Phone #: Date Requested: 6/7/00 Date Filled: 6/7/00

Account Name: Craft Building Inc Cash / Charge Account No.: X 31943

I certify that I am authorized to charge this account for this service:

Signature: Rick Witmore Printed Name: Rick Witmore Date: 6/7/2000

T.C.	Qty	Description	Unit Cost	Total Cost
0701	3	Improvement Permit Application - Residential	$ 200.00	600
0735		Improvement Permit Application - Commercial	$ 400.00	
0702		Optional Site Evaluations	$ 100.00	
0703		Installation and Final Approval	$ 150.00	
0704		Change in Plot Plan	$ 100.00	
0705		MH Exc/Add/Repl without System Modification	$ 100.00	
0706		MH Exc/Add/Repl with System Modification	$ 300.00	
0707		Site Consultation Visit	$ 100.00	
0734		Authorization for Wastewater System Construction	$ 150.00	
0708		Realty Closing - Conventional	$ 85.00	
0709		Realty Closing - FHA with water	$ 135.00	
0710		Additional Trips	$ 65.00	
0711		Well Water Analysis-Bacteriological with regular parameters	$ 50.00	
0712		Well Water Analysis -Nitrates and Nitrites	$ 15.00	
0714		Well Water Analysis - Organic Analysis	$ 200.00	
0715		Admin. Fee - Field Activity Letter	$ 25.00	
0718		Residential Pool Permit	$ 50.00	
0719		Public Pool Permit - operating	$ 240.00	
0720		Seasonal Pool Permit - operating	$ 120.00	
0736		Pool Late Fee	$ 120.00	
0733		Permit to Construct a Public Pool	$ 200.00	
0721		Home Day Care Evaluation and Permit	$ 70.00	
0722		Home Day Care Evaluation and Annual Fee	$ 40.00	
0723		Eval and Report Non-Permit Facility	$ 50.00	
0724		Private Pool Testing	$ 15.00	
0731		Garbage Hauler Permit - (1-9 vehicles)	$ 30.00	
0736		Garbage Hauler Permit - (each over 9)	$ 20.00	
0725		Document Copies	$ 0.05	

Payment received by: [signature] Date: 6-7-00 Total: 600

15312 Sharpe Rd
10111 Window Hollow Dr
10130 Window Hollow Dr

4/2000

White-AUDIT Canary-CUSTOMER Pink-DIVISION

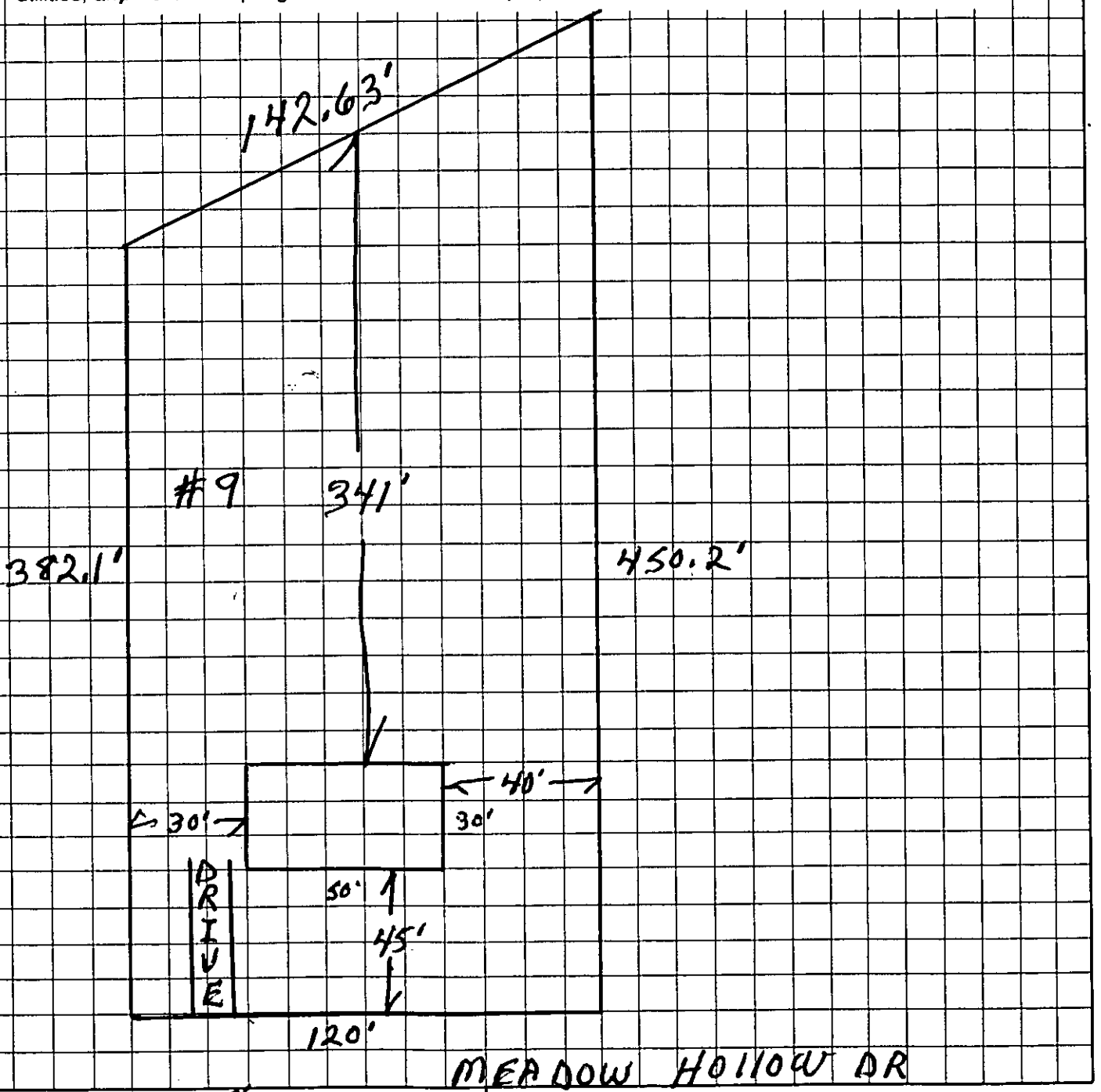
PROPOSED PLOT PLAN

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

FILE: 13442

TC: 139-32-09

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.



Richard W. Withrow
OWNER/AGENT SIGNATURE

DATE 6/7/2000

APPROVAL DATE _____

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

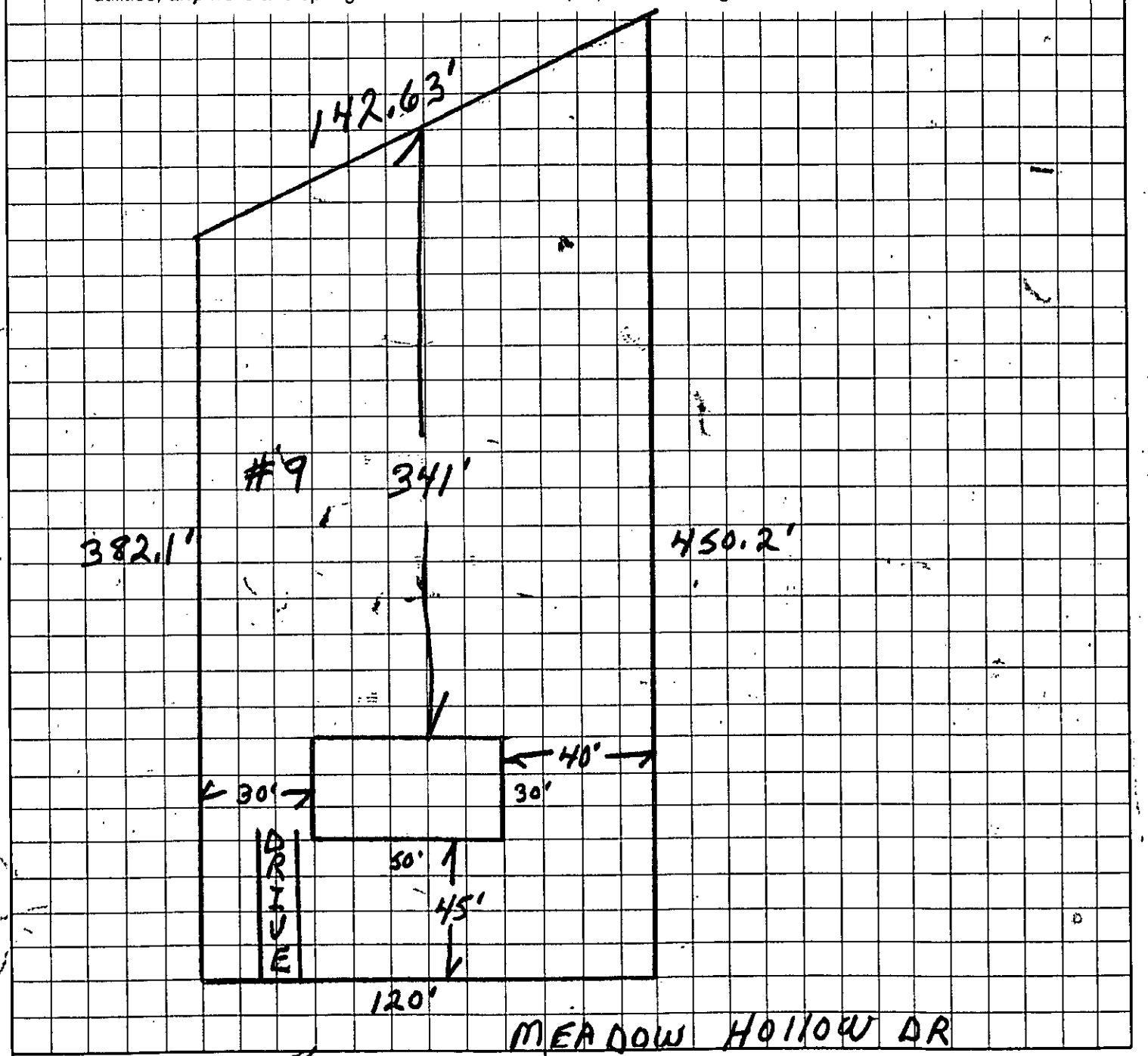
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ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 13442

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Richard W. Withrow
OWNER/AGENT SIGNATURE

DATE 6/7/2000

APPROVAL DATE _____

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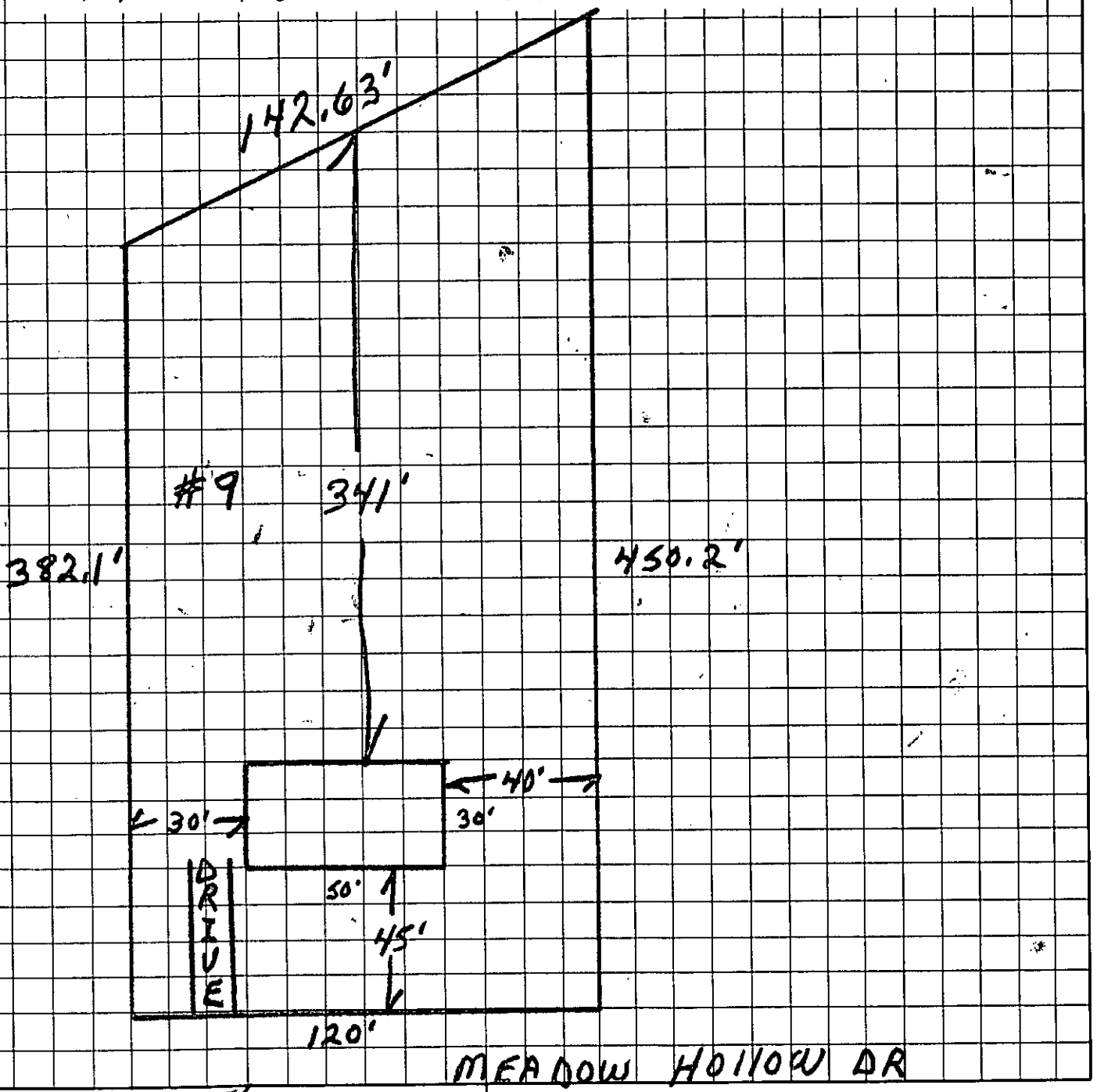
PROPOSED PLOT PLAN

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

FILE: 13442

TC: 139-322-09

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.



Richard W. Wilmore
OWNER/AGENT SIGNATURE

DATE 6/7/2000

APPROVAL DATE _____

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