

18916 BRIGADOON PL

00133136

1/3/2008

duponbj

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

Mecklenburg County
Health Department

APPLICATION FOR
INSPECTION OF PUBLIC RECORDS

NAME OF PERSON MAKING REQUEST: LAURIE JOHNSTON

ADDRESS: 4011 ABINGDON RD, CHARLOTTE, NC 28211

DESCRIPTION OF PUBLIC RECORD REQUESTED: 3741-B

STREET NAME (OR COUNTY ROAD: LOT 266 - BRIGADOON

PARCEL NUMBER/FILE NUMBER: 3741B

OWNER'S NAME: CRESCENT RESOURCES

REASON FOR REQUEST:
I'm purchasing LOT

SIGNATURE OF PERSON MAKING REQUEST: Laurie Johnston

SUPERVISORY PERSON:

ENVIRONMENTAL HEALTH DIVISION

PEOPLE • PRIDE • PROGRESS

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

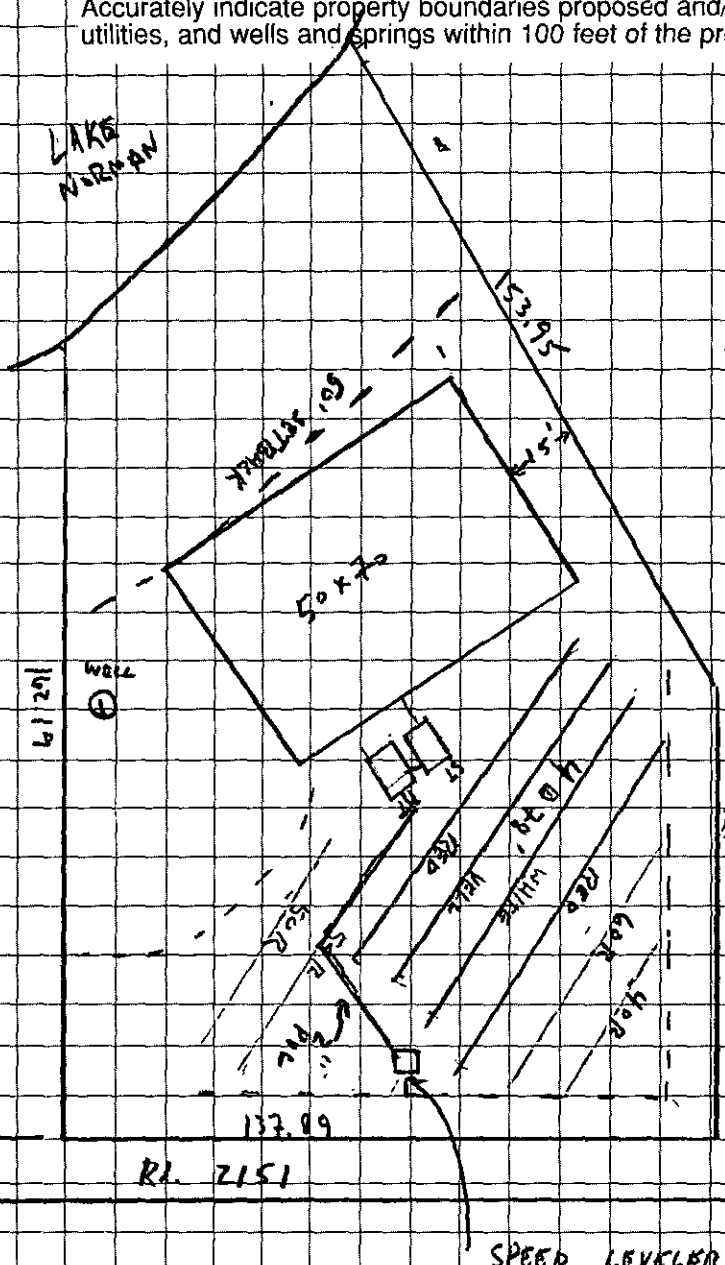
PROPOSED PLOT PLAN

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

FILE: 3741B

TC: 001-331-36

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.



- DESIGN FLOW 360 GPD
- SEPTIC TANK 1500 gal
- PUMP TANK 1500 GAL
- SPEED LEVELER BOX
- LTAR 0.3 GAL/FT²/d
- LENGTH SUPPLY LINE ± 70' of 2" SCH 40 PVC

- 4 LINES @ 78' EACH
- 13 INFILTRATOR CHAMBERS PER LINE

- ELEV. HEAD 12.75'
- PRES HEAD 0
- FRICTION HEAD 1'
- 20% OVER DESIGN 2.75'
- TOTAL HEAD 16.5

- PUMP REQUIREMENT: 25 GPM @ 16.5' HEAD; USE MYERS 4/10 HP or EQUIVALENT.

- DOSE VOL. 180 GAL; 2 DOSE/DAY
  PUMP RUN TIME ≈ 7.2 min

- DEPTH OF WATER PUMPED / DOSE TO BE CALC TO SPECIFIC SITE TANK

Tommy C. Parker, CPSS
OWNER/AGENT SIGNATURE

DATE 1-5-96

APPROVAL DATE _____

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

Permit Number: 3741-B

CONDITIONS OF IMPROVEMENT PERMIT

Tax Number: 001-331-36

- The IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be **NO** grading, filling or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is **NOT** transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

Basement	___ Yes	✓ No	___ Partial Basement
Type Primary Wastewater System Type (circle one): I II III IV V VI	___ Conventional ___ Prefabricated, permeable block panel system ___ Shallow Placed Conventional	___ Low Pressure Pipe ___ Large Diameter Pipe ___ Fill ___ Other	✓ Innovative or Experimental: ___ IWWS-93-1 ✓ IWWS-93-2 ___ IWWS-94-1
.3 Long-term acceptance rate	360 Max gallons/day wastewater flow	954 Absorption Area (sq ft)	9 Trench spacing (min. on centers)
YES Serviced by private well	1500 Gallon septic tank	318 Total trench length (ft)	30" Maximum trench depth (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions)
3 Bedrooms in residence	1000 Gallon pump tank	1 Depth of stone	
Any surface waters present: YES Type: Lake Norman Minimum separation distance: 50'			
Site modifications required:			
Additional Conditions:			
Repair Area System Type Type (circle one): I II (III) IV V VI	___ Conventional ___ Prefabricated, permeable block panel system ___ Shallow Placed Conventional	___ Low Pressure Pipe ___ Large Diameter Pipe ___ Fill ___ Other	✓ Innovative or Experimental: ___ IWWS-93-1 ✓ IWWS-93-2 ___ IWWS-94-1
900 Absorption Area (Sq ft) 300 Total Trench Length (Ft)	___ Depth of Stone Trench	9 Trench spacing (min. on centers)	30" Maximum Trench Depth
For existing system, enter the year originally installed:			

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 Sewage, 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 Improvement permit is transferable.

1600m RDC 1-22-96
DEHNR Authorized Agent Date

Tony Gaither, CPSS 1/29/96
Owner/Agent Signature Date

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

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

3741B

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

$150.00 9/18/95 CK#133 [] 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: Crescent Resources Inc (last) (first) (mi)
ADDRESS: P.O. Box 1003 PHONE: (__) 663-6905
CITY: Charlotte STATE: NC ZIPCODE: 28201-1003

Date: 9/18/95

PROPERTY OWNER:
NAME: — As Above — (last) (first) (mi)
ADDRESS: _____ PHONE: (__) _____
CITY: STATE: ZIPCODE:

PROPERTY INFORMATION (FROM ENGINEERING FORM):
TAX/PARCEL NUMBER: 001-331-36
STREET ADDRESS: 18916 Brigadoon Place

ZONING: _____

SUBDIVISION OR MOBILE HOME PARK NAME:

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

LOT NUMBER: Lot 266 LOT SIZE (in acres): ~1/2

TYPE APPLICATION (check one):

[] SOIL TEST - INDIVIDUAL LOT (D)
[X] NEW CONSTRUCTION ON VACANT LOT - 4 BEDROOMS OR LESS (N)
[] EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
[] ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A or M)
[] COMMERCIAL OR INDUSTRIAL (N)
[] SOIL TEST DEVELOPMENT (P)
[] ADDITION - GARAGE OR RENOVATION/NO MAJOR CHANGES (X)
[X] MODIFIED /ALTERNATIVE/ OR RESIDENCE > 4 BEDROOMS (Z)
[] REPAIR TO SYSTEM (R)

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

NUMBER BEDROOMS: 4/3 NUMBER OCCUPANTS: 8
SYSTEM CLASSIFICATION: TJ 1-2296

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: [signature] Date: 9/18/95

NOTICE:

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the Site 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:

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..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

WWATER : 122791

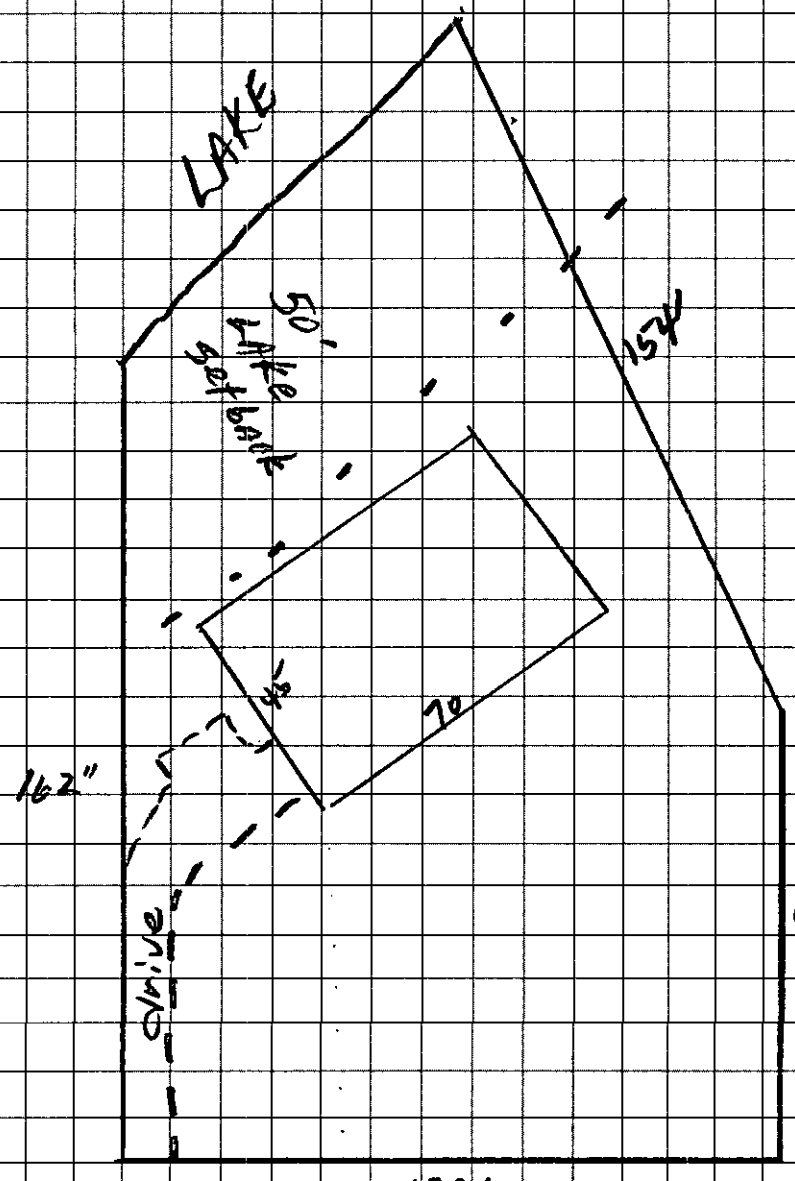
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700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 3741B

TC: _____

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OWNER/AGENT SIGNATURE

DATE

APPROVAL DATE _____

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

TO: ENVIRONMENTAL HEALTH DEPT.
BUILDING STANDARDS DEPT.
DEPT. OF ENVIRONMENTAL PROTECTION/
SOLID AND HAZARDOUS WASTE

DATE: 9/18/95

FROM: COUNTY ENGINEERING DEPARTMENT

EHD FILE _____ JURISDICTION CODE Meck

PARCEL NUMBER 001-331-36

ASSIGNED ADDRESS 18916 Brigadoon Pl

EXISTING ADDRESS lot 266

PROJECT NAME N/A

THE ABOVE DESCRIBED LOCATION HAS BEEN CHECKED CONCERNING:

		APPROVED	DISAPPROVED
1.	SUBDIVISION REGULATIONS		*
2.	FLOODWAY REGULATIONS		*
3.	EROSION CONTROL REGULATIONS		*
4.	PUBLIC UTILITY EASEMENT		*

		PRESENT	NOT PRESENT
5.	PUBLIC UTILITY EASEMENT	*	
6.	PROPERTY FRONTS ON THOROUGHFARE	*	
7.	DRIVEWAY PERMIT REQUIRED	*	

*If checked, further investigation will be required to determine whether a building permit can be issued by Building Standards for the site.

REMARKS: Septic tank

NOTE: THIS FORM MUST BE TURNED IN AT THE CASHIER'S OFFICE AT BUILDING STANDARDS WHEN PAYING PERMIT FEES.

A CERTIFICATE OF OCCUPANCY WILL NOT BE GRANTED UNTIL THE TRANSPORTATION DIVISION GRANTS FINAL APPROVAL ON DRIVEWAYS.

SIGNED: Rick

OPWEAR 06-88

NEW ADDRESS _____*

FORM 100

There lots may
not will actually
need septic
system

Need asap - copy of
application never
given to B. Martin.

3741B

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..12/14 Received from B. Martin

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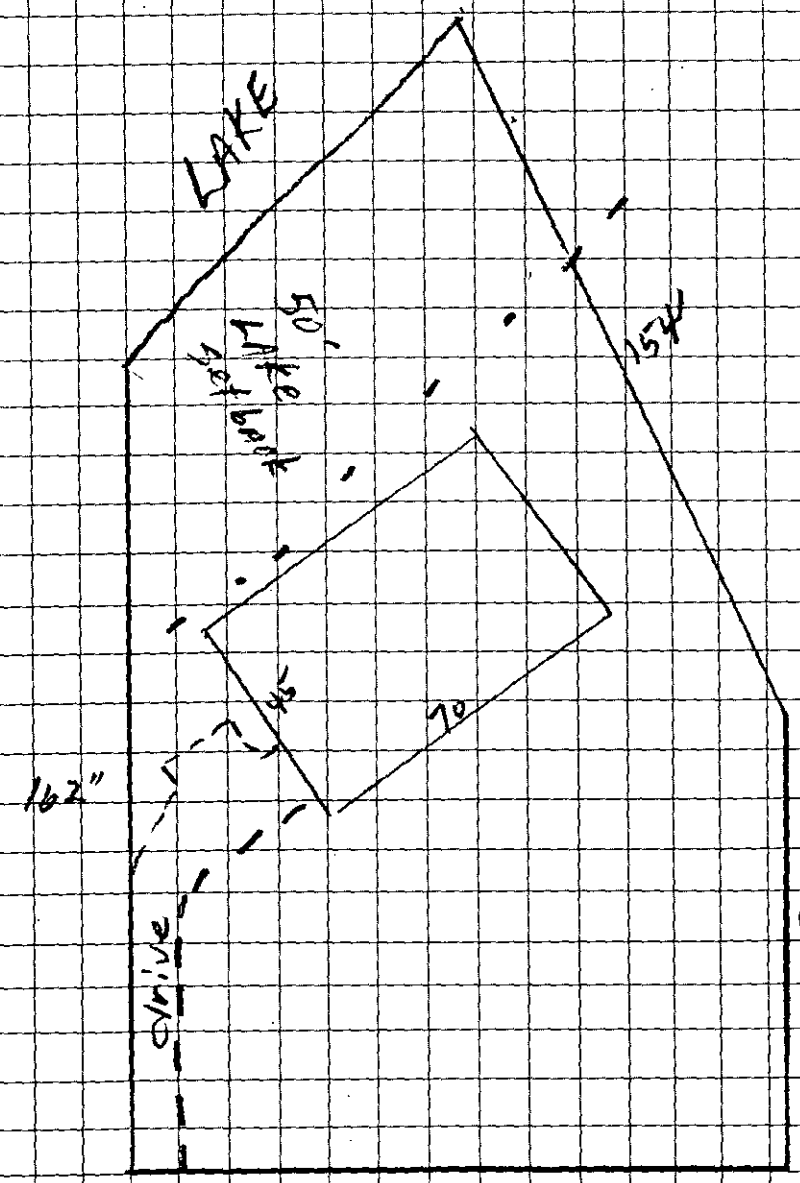
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1391 Brigadoon Place

1" = 40'

APPROVAL DATE _____

OWNER/AGENT SIGNATURE

DATE

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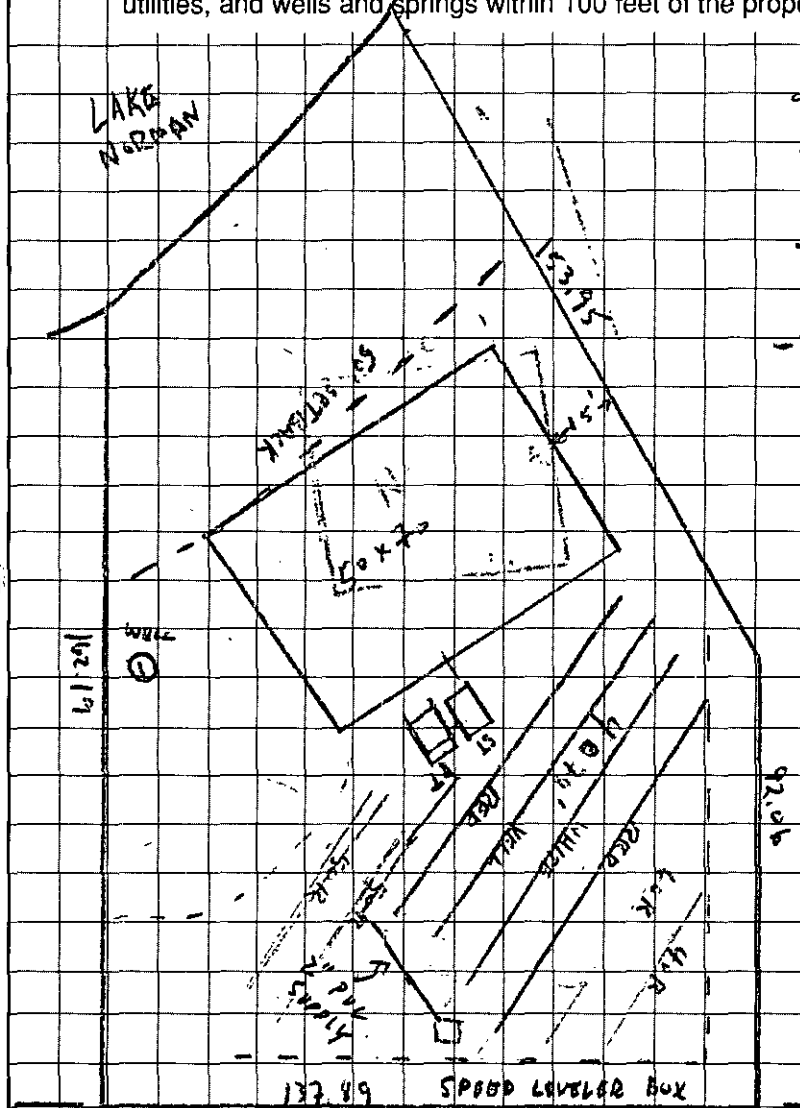
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- 20% OVER DESIGN 2.75'
- TOTAL HEAD 16.5'

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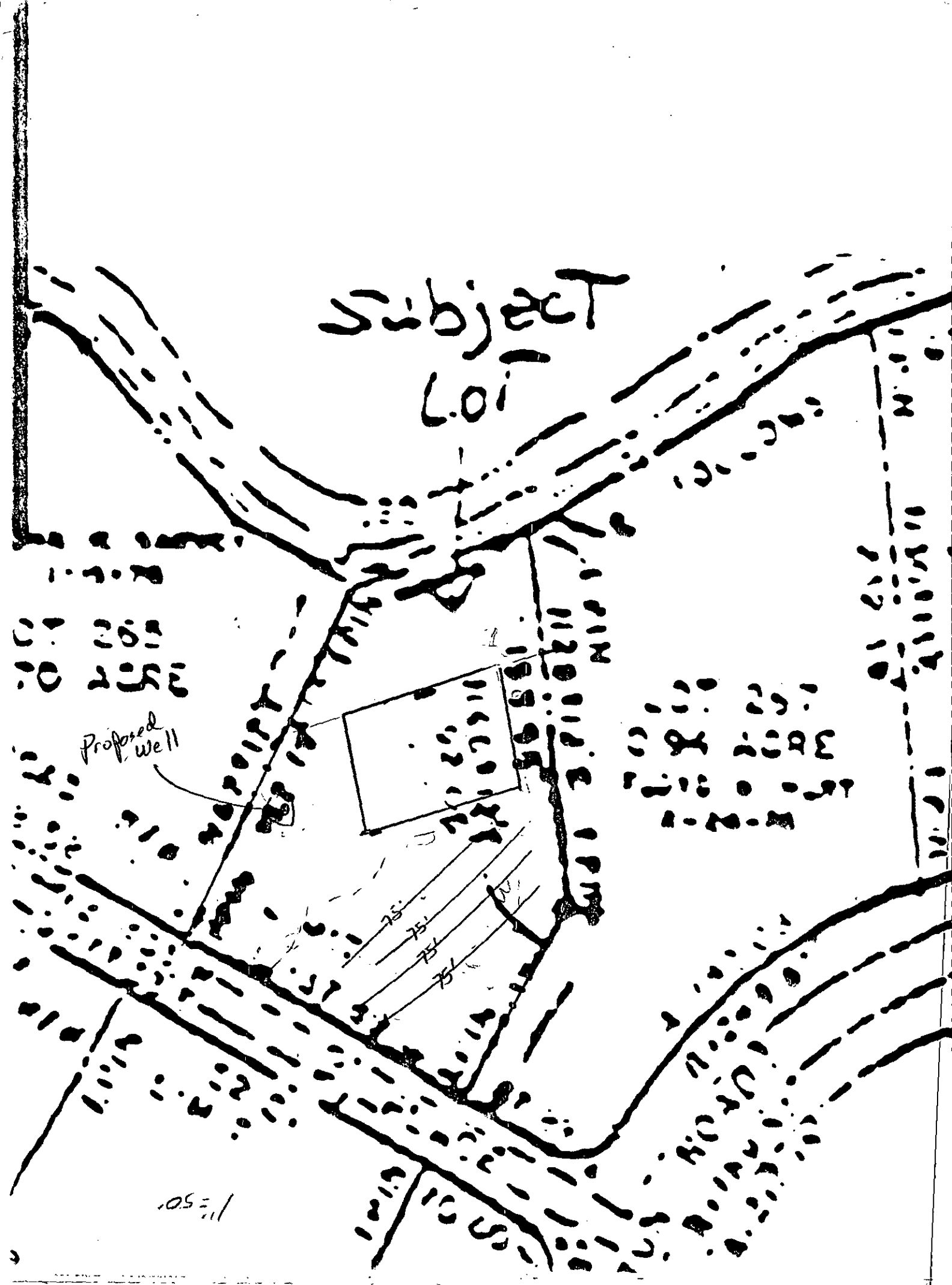
- DEPTH OF WATER PUMPED / DOSE TO BE CALC. TO SPECIFIC SITE TANK

Thomas C. Sparks, CPSS
OWNER/AGENT SIGNATURE

DATE 1-5-96

APPROVAL DATE _____

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


Subject
Lot
Proposed well
75'
75'
75'
1" = 50'

2.6 r

3.3 W

2.4 r

3.3 W

4.25
3.9 y

2.5 r

3.3 W

4.25
3.9 y

5.3 r

3.3 W
10↑

4.2
3.9 y

4.95
Nail

5.3

4.2 y
3.9

4.2 y

5.3

5.3 r

3.9 y

8.15

Jun 362

To: Torey Jacobs.

From: David Rainbow

Please examine the subject lot and provide me with your report ASAP.

Thanks,
David

BEARINGS AND DISTANCES FOR LOTS ON CONTOUR ELEV. 760

LOT 251
1. N63°11'W - 71.65'
2. N59°36'W - 22.15'
3. N29°12'W - 80.50'

LOT 252
4. N25°28'W - 94.40'
5. N12°50'E - 64.99'

LOT 253
6. N39°36'E - 55.34'
7. N 6°12 W - 135.40'

LOT 254
8. N20°29'W - 23.80'
9. S76°18'W - 100.85'
10. S75°29'W - 92.15'
11. N68°01'E - 92.15'
12. N69°28'E - 109.55'
13. N45°15'E - 38.01'
14. N32°00'E - 34.54'
15. N10°24'W - 49.04'
16. N29°24'W - 28.42'

LOT 255
17. N29°19'W - 84.65'
18. N56°34'W - 40.81'
19. S43°28'W - 33.01'

LOT 256
20. N47°39'W - 15.86'
21. N73°31'W - 36.34'
22. N78°50'W - 22.57'
23. S83°48'W - 57.41'
24. N10°01'W - 4.00'
25. N81°58'E - 57.63'
26. N54°07'E - 24.16'
27. N3°40'E - 38.48'
28. N 0°41 E - 56.08'
29. N 8°00'W - 23.09'

LOT 257
30. N 0°55'E - 71.04'
31. N24°08'W - 87.69'
32. N12°54'W - 30.01'
33. N33°38'E - 67.58'

LOT 258
34. N49°26'E - 28.14'
35. N34°30'E - 31.05'
36. N56°45'E - 29.32'
37. N46°00'E - 50.00'
38. N36°55'E - 18.44'
39. S66°13'E - 6.86'
40. N 5°44'W - 55.30'

LOT 259
41. N30°49'E - 67.05'
42. N25°04'E - 41.44'
43. S85°40'E - 10.30'
44. N48°09'E - 40.28'
45. S41°51'E - 9.00'
46. N57°37'E - 12.17'
47. N41°51'W - 7.00'
48. N48°09'E - 19.00'
49. S41°51'E - 15.00'
50. N42°09'E - 19.11'
51. N25°09'W - 20.88'
52. N60°30'E - 52.75'

LOT 260
53. N75°22'E - 143.77'
54. S78°05'E - 42.75'
55. S57°07'E - 41.44'
56. S15°11'E - 61.65'
57. S11°50'W - 84.35'
58. S26°31'W - 40.60'

LOT 261
59. S43°09'W - 29.15'
60. S32°35'W - 40.11'
61. S37°15'W - 60.00'
62. S10°30'W - 65.40'

LOT 262
63. S 3°47'E - 32.06'
64. S19°14'W - 20.61'
65. S32°58'W - 38.97'
66. S44°13'W - 25.18'
67. S57°53'W - 28.00'
68. S48°10'W - 42.75'
69. S13°25'W - 19.70'
70. S37°23'W - 14.00'

LOT 264
71. S41°14'E - 41.01'
72. S71°51'E - 26.92'
73. S65°55'E - 25.31'

74. S60°56'E - 47.09'
75. S72°21'E - 111.16'
76. S25°54'E - 39.01'

LOT 265
77. S14°36'E - 26.90'
78. S 8°41'E - 96.80'
79. S26°54'E - 47.07'
80. S14°38'E - 12.00'

FROM LOT 265 TO LOT 267
81. S71°41'E - 83.90'

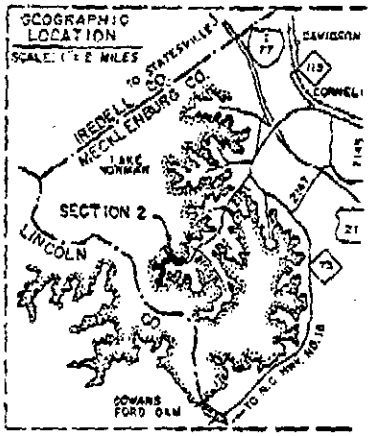
LOT 267
82. S83°39'E - 112.18'
83. S88°51'E - 35.13'
84. S78°18'E - 32.14'

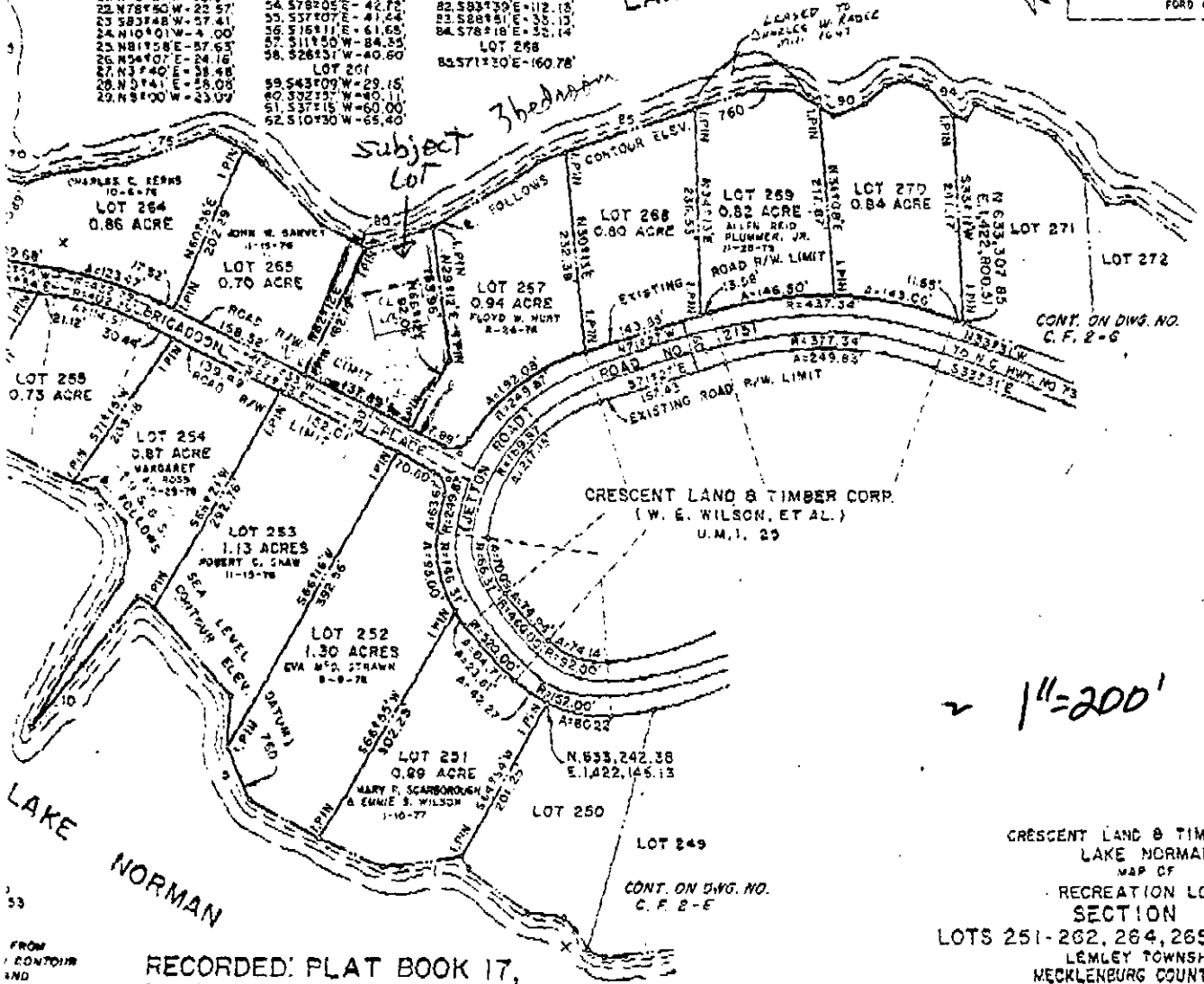
LOT 268
85. S71°30'E - 160.78'

LOT 269
86. S72°18'E - 77.51'
87. S61°44'E - 42.10'
88. S23°28'E - 35.51'

LOT 270
89. S27°02'E - 20.08'
90. S78°10'E - 39.04'
91. N85°34'E - 50.46'
92. S71°14'E - 23.00'
93. S58°22'E - 26.76'
94. S 8°02'E - 42.95'

GEOGRAPHIC LOCATION
SCALE: 1" = 2 MILES





~ 1"=200'

RECORDED: PLAT BOOK 17, PAGE 547, MAY 4, 1976

CRESCENT LAND & TIMBER CORP.
LAKE NORMAN
MAP OF
RECREATION LOTS
SECTION 2
LOTS 251-262, 264, 265, & 267-270
LEMLEY TOWNSHIP
MECKLENBURG COUNTY, N. C.

SCALE: 1" = 100' NOV. 20, 1975
MISC. BOOK NO. 370 DWG. NO. C.F. 2-F

0 100 200 300 400
SCALE IN FEET

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

#1

Sheet ___ of ___
PROPERTY ID #: 37418
COUNTY: 001-331-36

SOIL/SITE EVALUATION *for* ON-SITE WASTEWATER SYSTEM

OWNER: Crescent Resources Corp APPLICANT: _____
ADDRESS: Box 1003, Charlotte, N.C. APPLICATION DATE: _____ DATE EVALUATED: _____
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949): 480gpd PROPERTY SIZE: .5
LOCATION OF SITE: 16916 Brigadoon Pl. PROPERTY RECORDED: _____
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON 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	LS 5%	0-4"	SBK/cl	Fr/SEP/SS/SP	>46" TO chroma 2	46"	N/A	None	.39/F4/cl IV PS
		4-46"	SBK/c	Fr-Fi/SEXP/SP					
2	LS 6%	0-3"	SBK/cl	Fr/SEXP/SS/SP	>46" TO chroma 2	46"	N/A	None	.39/F4 cl IV PS
		3-45"	SBK/c	Fr-Fi/SEXP/SP					
		45-46"	SBK/cl	Fr/SEXP/SS/SP					
3	LS 6%	0-3"	SBK/cl	Fr/SEXP/SS/SP	>46" TO chroma 2	46"	N/A	None	.39/F4 cl IV PS
		3-32"	SBK/c	Fr-Fi/SEXP/SP					
		32-46"	SBK/cl	Fr/SEXP/SP					
4									

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): Provisionally suitable
EVALUATED BY: William R. Mauli 12-14-95
OTHER(S) PRESENT: _____

OMMENTS: Area Repair partially inst required

LEGEND

use the following standard abbreviations

ANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR	LPP .1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
C (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
V (Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
(Drainage Way)					EXP (Expansive)	CR (Crumb)
S (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
P (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
S (Foot Slope)						ABK (Angular Blocky)
(Head Slope)	III	SI (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
(Linear Slope)		SICL (Silty Clay Loam)				PR (Prismatic)
(Nose Slope)		CL (Clay Loam)				
(Ridge)		SCL (Sandy Clay Loam)			MOIST	WET
(Shoulder Slope)		SUC (Silt Loam Clay)				
(Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SIC (Silty Clay)			FI (Firm)	S (Sticky)
					VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None		EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

OTES

ORIZON DEPTH	In inches below natural soil surface
EPTH OF FILL	In inches from land surface
ESTRICTIVE HORIZON	Thickness and depth from land surface
APROLITE	S(suitable) or U(unsuitable)
OIL 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 designation
LASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

valuation of saprolite shall be by pits.

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

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

