Lot 96 Holiday Harbor Subdivision Fast Track - The Oaks Group, PA

Number of Bedrooms	**4**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**480**
Primary System LTAR (gpd/ft2)	**0.3**
Primary System Type	**25% Reduction**
No. Lines	4 (See Table)
Total Linear Feet	400
Trench Width	3' min.
Trench Spacing	9' min.
Distribution Device	D Box or Other
Tank Size	1000 gallon tank
Max Trench Bottom Depth (Low Side)	36 inches
Maintenance Agreement Required	No
Repair System	**LP PPBPS**
Total Linear Feet	273
Repair Loading Rate	0.3

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	System	Pink	25% Reduction	100 endfed
2	System	Orange	25% Reduction	100 endfed
3	System	NF	25% Reduction	100 endfed
4	System	Red	25% Reduction	100 endfed
5	Repair	Blue	LP PPBPS	84
6	Repair	Orange	LP PPBPS	96
7	Repair	Blue	LP PPBPS	93
				Total System: 400'
				Total Repair: 273'

Note: System area is less than 2% slope. Install tank at a depth which acheives gravity flow

APPROVED MAY 27 2015

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

Sheet:
Property ID:
Lot #: 96
File #:
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Ray Short
Address:
Proposed Facility: SFR
Design Flow (.1949) 480
Location of Site:

Applicant:
Date Evaluated: 5-18-15
Property Size:
Property Recorded:

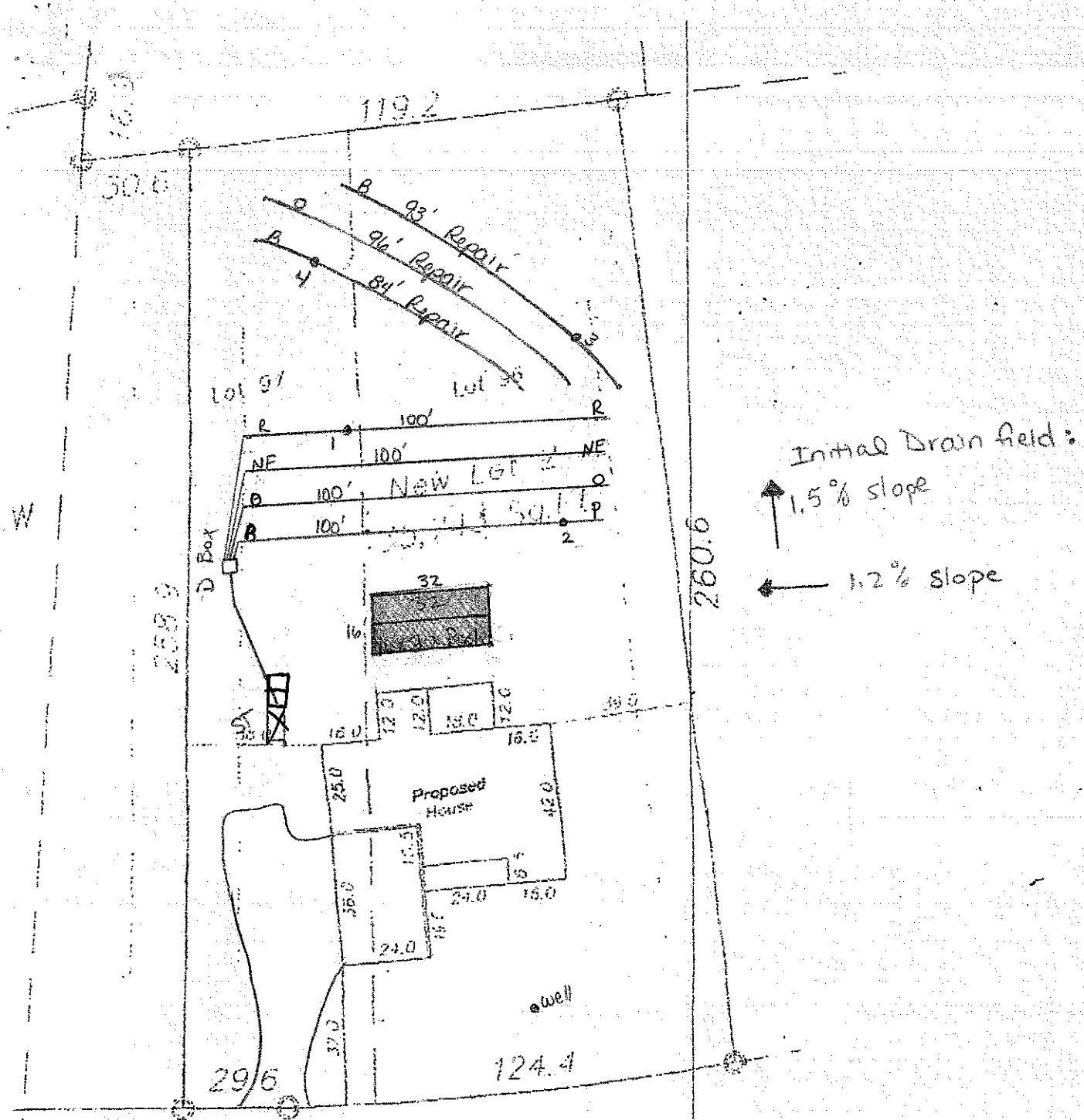
Water Supply: [ ] Public [ ] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 Structure/ Texture	SOIL MORPHOLOGY .1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	L <2%	0-40	Mo SBK CL	FR SS/SP	R; F sap				0.3
		40-50	WK SBK CL	FR SS/SP	R / C sap				
2	L <2%	0-6	WK SBK SCL	FI SS/SP	Bor				0.3
		6-42	Mo SBK C	FR SS/SP	R; F sap				
		42-48	WK SBK CL	FR SS/SP	R, C sap				
3	L ~3%	0-24	Mo SBK C	FR SS/SP	R				0.3
		24-48	WK SBK CL	FR SS/SP	R; F/C sap				
4	L <2%	0-39	Mo SBK C	FR SS/SP	R				0.3
		39-48	WK SBK CL	FR SS/SP	R; F/C sap				

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR		

Other Factors (.1946):
Soil Evaluation By:
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

APPROVED MAY 27 2015



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1"=40'

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

Sheet: 1 OF 1
PIN #: 4626-31-1643
Lot #: 96
Permit #: 205499
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: ED MUIR
Address: ~~324~~ 326 CHUCKWOOD RD.
Proposed Facility: SFR
Design Flow (.1949) 480
Location of Site: HOLIDAY HARBOR 96
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

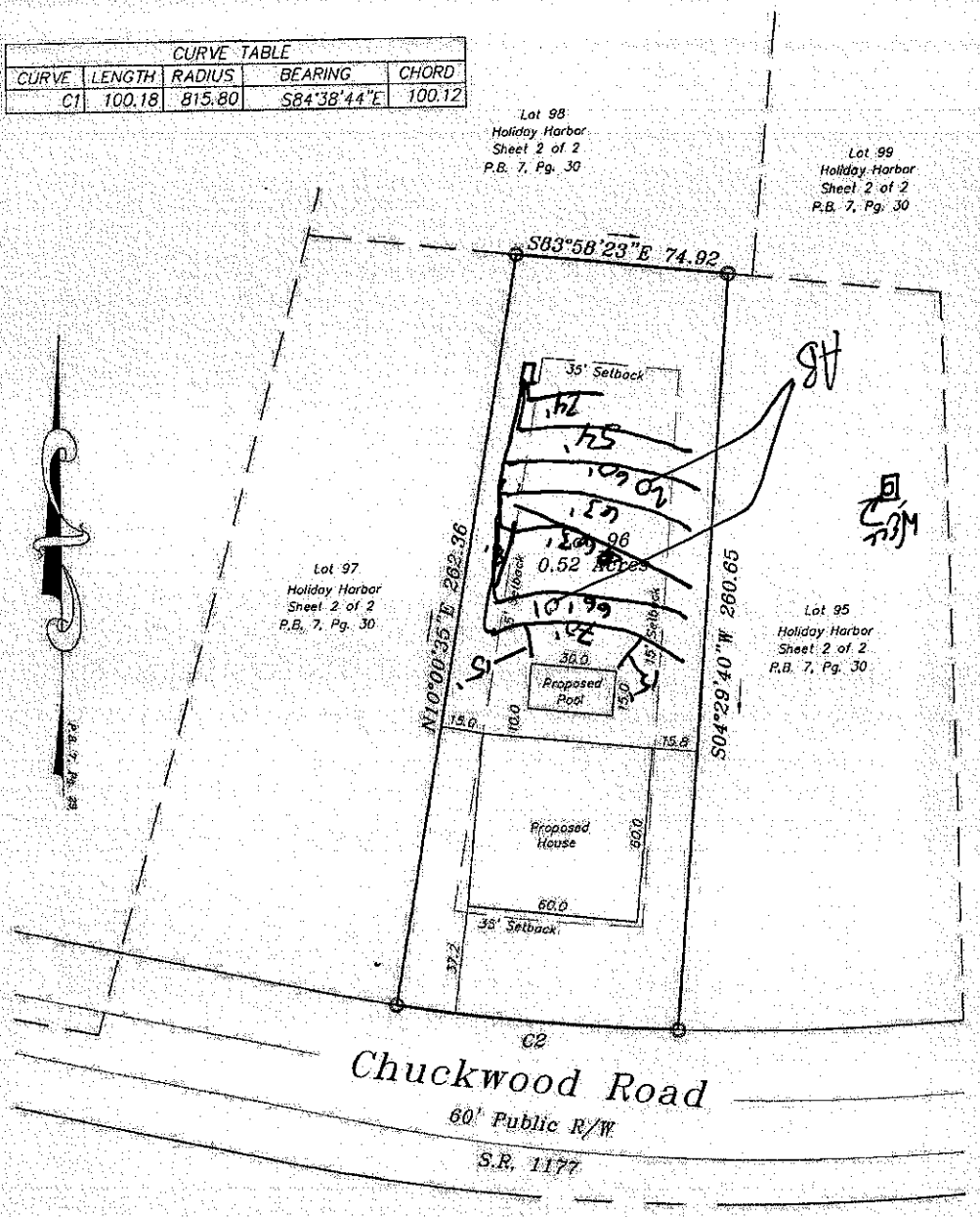
Applicant: RAY SHORT
Date Evaluated: 11/13/2014
Property Size:
Property Recorded: YES

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
AB 1	LINEAR 4%	0-48	RC,M,SBK	SS	NA	48"	NA	NA	.3
AB 2	LINEAR 7%	0-12	BRSC,M,SBK	SS	NA	48"	NA	NA	.3
		12-48	RC,M,SBK	SS					

Description	Initial System	Repair System
Available Space (.1945)	PS	<1983
System Type(s)	PM-25%	NA
Site LTAR	.3	NA

Other Factors (.1946):
Soil Evaluation By: BEN ALDRIDGE
Others Present: NONE
Site Classification (.1948): PS
Site Evaluation By: BEN ALDRIDGE
Others Present: NONE

CURVE TABLE				
CURVE	LENGTH	RADIUS	BEARING	CHORD
C1	100.18	815.80	S84°38'44"E	100.12



Notes:

1) This property may be subject to any Easements, Rights-of-way, and/or Restrictive Covenants,
2) Boundary information based on Plat Book: 7 at Page: 29 as recorded in the Iredell County Register of Deeds,
3) This survey is of an existing parcel or parcels of land.
4) No N.C.G.S. or U.S.G.S. Monuments could be located within 2000'.
5) Area by coordinate method.

GRAPHIC SCALE

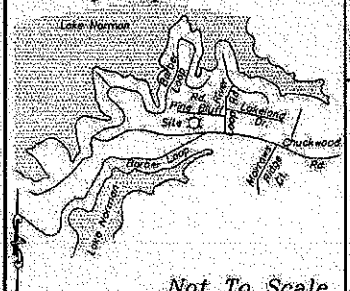
50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

Legend

R/W = Right-of-way
I.P.S. = #4 Rebar Set
= Not to scale
CP = Calculated Point
= Cable Pedestal
= Water Valve
= Utility Pole

Vicinity Map



Not To Scale

Plot Plan

FOR

Lake Luxury Homes, Inc.

PROPERTY DESCRIPTION

Lot 96
Holiday Harbor
P.B. 7, Pg. 29

Davidson Township
Iredell County, NC

SCALE: 1" = 50'

FIELD BOOK:

FILE: 2014-149-Lot96

TAX MAP NO: 4626311643

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