APPROVED APR 15 2016

BA

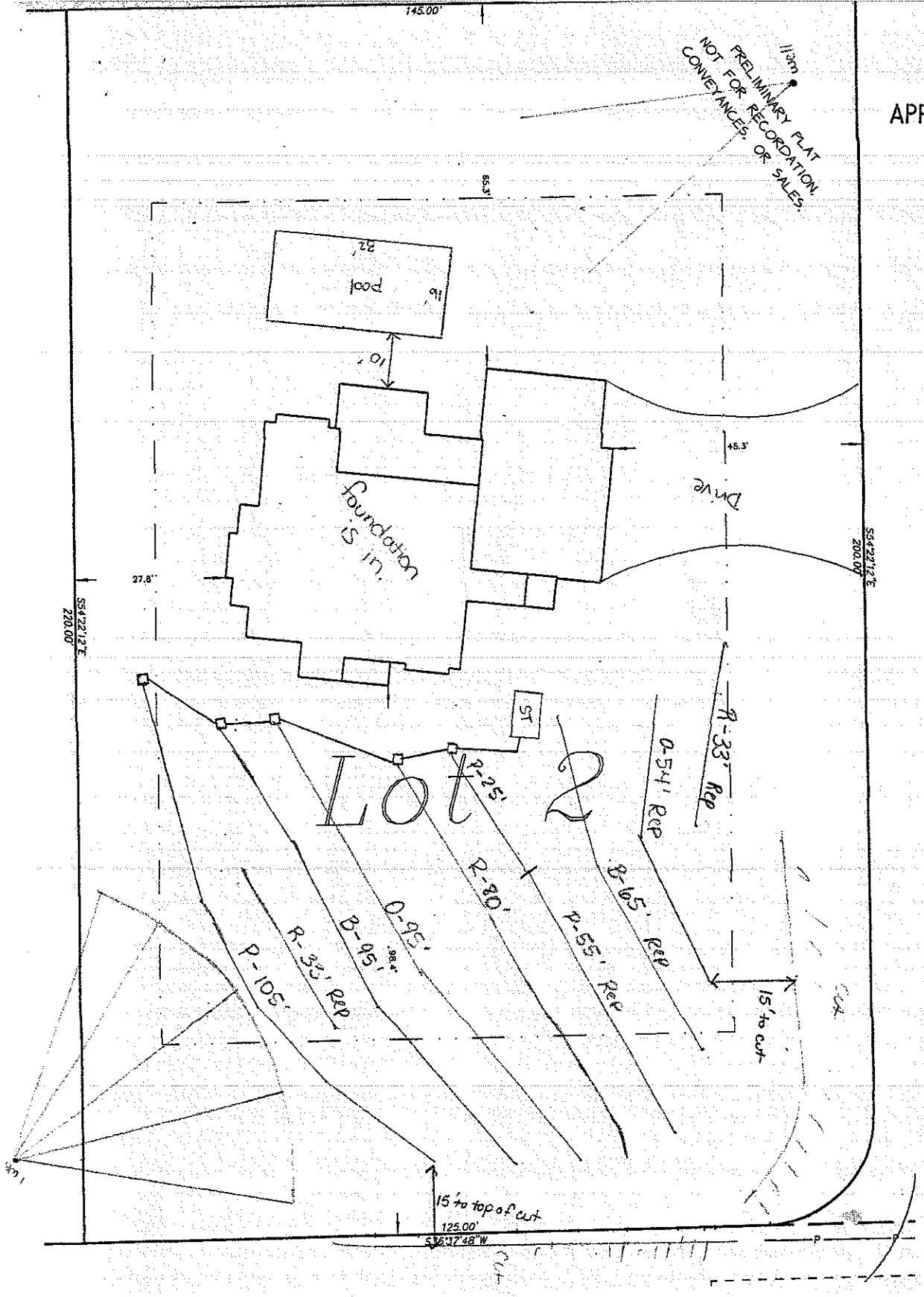
Lot 2 Rock Springs Fast Track - The Oaks Group, PA

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	5 (See Table)
Total Linear Feet	400
Trench Width	3' min.
Trench Spacing	9' min.
Distribution Device	Drop Boxes or Other
Tank Size	1000 gallon tank
Max Trench Bottom Depth	24"
Maintenance Agreement Required	No
Repair System	**LP PPBPS**
Total Linear Feet	240
Repair Loading Rate	0.35

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	Red	LP PPBPS	33
2	Repair	Orange	LP PPBPS	54
3	Repair	Blue	LP PPBPS	65
4	Repair	Pink	LP PPBPS	55
5	System	Pink	25% Reduction	25 endfed
6	System	Red	25% Reduction	80 endfed
7	System	Orange	25% Reduction	95 endfed
8	System	Blue	25% Reduction	95 endfed
	Repair	Red	LP PPBPS	33
9	System	Pink	25% Reduction	105 endfed
				Total System: 400'
				Total Repair: 240'

Note: Tank and distribution device locations can be altered at the discretion of ICHD.
Keep proper setbacks if foundation drains used
Per builder, no foundation drain on side of house near system



APPROVED APR 15 2016

JA

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

Sheet: 1 OF 1
PIN #: 4614-95-6348
Lot #: 2
Permit #: 202055
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: LAKE LAND LLC.
Address: PO BOX 3398 MOORESVILLE, NC 28117
Proposed Facility: SFR Design Flow (.1949) 480
Location of Site: ROCK SPRING PARK 2
Water Supply: [ ] Public [X] Individual
Evaluation Method: [X] Auger Boring [X] Well [ ] Spring [ ] Other
Type of Wastewater: [X] Sewage [X] Pit [ ] Cut
[ ] Industrial Process [ ] Mixed

Applicant: BEALER
Date Evaluated: 2/17/2016
Property Size: .732 AC
Property Recorded: YES

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .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 5%	0-14	LS	NS	NA	48"	NA	48"+	.3
		14-28	SCL,W,SBK	SS					
		28-34	SC,W,SBK	SS					
		34-48	C,M,SBK	SS					
PIT 1	LINEAR 5%	0-18	FILL		NA COMM SAP	52"	NA	70"+	.35
		18-29	RC,M,SBK	SS					
		29-70	RCL,M,SBK	SS					
PIT 2	LINEAR 5%	0-6	LS,GR	NS	COMM SAP	70"	NA	70"+	.35
		6-24	RC,M,ABK	SS					
		24-70	RCL,W,SBK	SS					
PIT 3	LINEAR 5%	0-12	FILL		COMM SAP	70"	NA	70"+	.35
		12-16	LS,GR	NS					
		16-32	RC,M,ABK	SS					
		32-70	RCL,M,SBK	SS					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	LP PANEL	LP PANEL
Site LTAR	.35	.3

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