Lot 34 Wildwood Cove Fast Track - The Oaks Group, PA

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Number of Bedrooms	**5**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**600**
Primary System LTAR (gpd/ft2)	**0.25**
Primary System Type	**25% Reduction**
No. Lines	6 (See Table)
Total Linear Feet	600
Trench Width	3' min.
Trench Spacing	9' min.
Distribution Device	Drop Boxes or Other
Tank Size	1500 gallon tank
Max Trench Bottom Depth (Low Side)	KMS 32 inches
Maintenance Agreement Required	No
Repair System	**LP PPBPS**
Total Linear Feet	409
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	Blue	25% Reduction	105 endfed
2	System	Red	25% Reduction	110 endfed
3	System	White	25% Reduction	100 endfed
4	System	Orange	25% Reduction	100 endfed
5	System	Pink	25% Reduction	95 endfed
6	System	Blue	25% Reduction	90 endfed
7	Repair	Red	LP PPBPS	114
8	Repair	White	LP PPBPS	85
9	Repair	Orange	LP PPBPS	110
10	Repair	Pink	LP PPBPS	100
				Total System: 600'
				Total Repair: 409'

Note: Repair area requires 6 inches of fill over repair system area, OR backhoe pits to evaluate the saprolite.

Project #:
Property ID #:
County: Iredell

SOIL/SITE EVALUATION

Sheet:
Date Evaluated: 3-16-15

Owner or Client: DG Custom Homes
Proposed Facility: SFR Design Flow: 6000
Location of Site: 103 Kenway Loop
Soil Described By: EHS Others Present:
Antecedent Moisture: Weather:

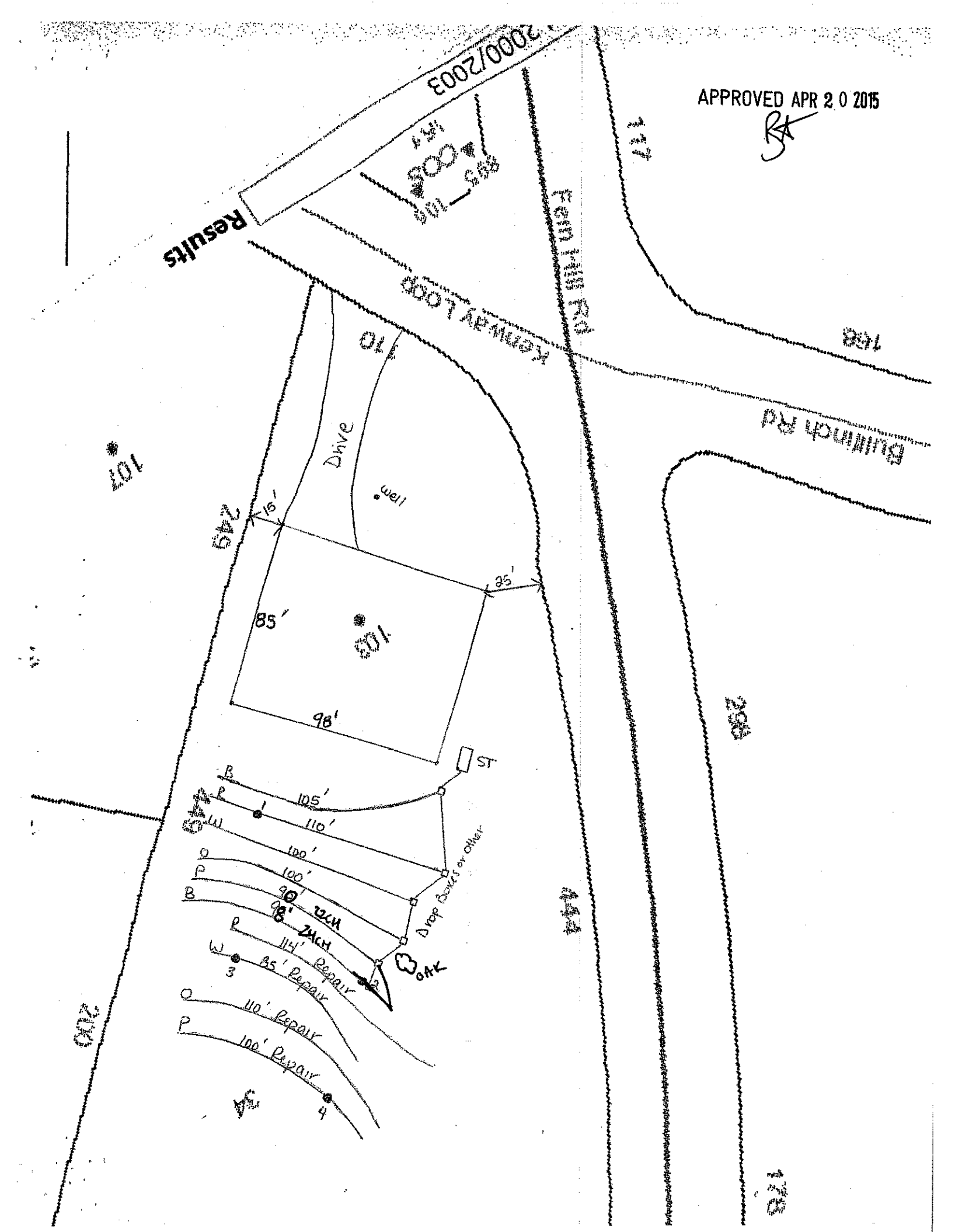
Property Size:
Site LTAR: Int. Rep.
Site Classification:

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

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PROFILE #	Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY: Structure/ Texture	SOIL MORPHOLOGY: Consistence Mineralogy	PROFILE FACTORS: Inclusions	PROFILE FACTORS: Matrix Color	PROFILE FACTORS: Mottles	PROFILE FACTORS: Profile Notes (Restr Horiz, Soil Depth, Coarse Frag, etc...)	Profile Class & LTAR
1	L	0-5	Mo GR SL	FR ns/np		Br			0.25
		5-27	Mo SBK C	FR ss/sp		R	F yel Br		
		27-48	WK SBK CL	FR ss/sp	C Sap	R			
2	L	0-4	Mo GR SL	FR ns/np		Br			0.25
		4-21	Mo SBK C	FR ss/sp		R	F yel Br		
		21-44	WK SBK CL	FR ss/sp	C Sap	R			
		44-48	MA L Sap	FR ss/sp		R			
3	L	0-8	WK SBK SCL	FR ss/sp		R Br			0.3
		8-36	Mo SBK C	↓	F Sap	R			
		36-46	WK SBK CL		C Sap	R			
		46-48	MA L Sap	↓		yel R			
4	L ~10%	0-6	Mo GR SL	FR ns/np		DK Br			0.3
		6-30	Mo SBK C	FR ss/sp	F Sap	R			
		30-40	WK SBK CL	FR ss/sp	C Sap	R			
		40-53	MA SL Sap	FR ns/np		yel R			

COMMENTS:


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2000/2003
Results
Drive
well
15'
35'
85'
98'
ST
105'
110'
100'
100'
90'
98'
114'
85' Repair
110' Repair
100' Repair
Drop Boxes or Other
OAK
Bluimah Rd