Hawks Landing Lot 8 Fast Track - The Oaks Group, PA

Number of Bedrooms	**3**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**360**
Primary System LTAR (gpd/ft2)	**0.3**
Primary System Type	**25% Reduction**
No. Lines	4 (See Table)
Total Linear Feet	300
Trench Width	3' min.
Trench Spacing	9' min.
Distribution Device	D Box
Tank Size	1000 gallon tank
Max Trench Bottom Depth	36"
Maintenance Agreement Required	No
Repair System	**25% Reduction**
Total Linear Feet	300
Repair Loading Rate	0.3
Trench Depth	36"

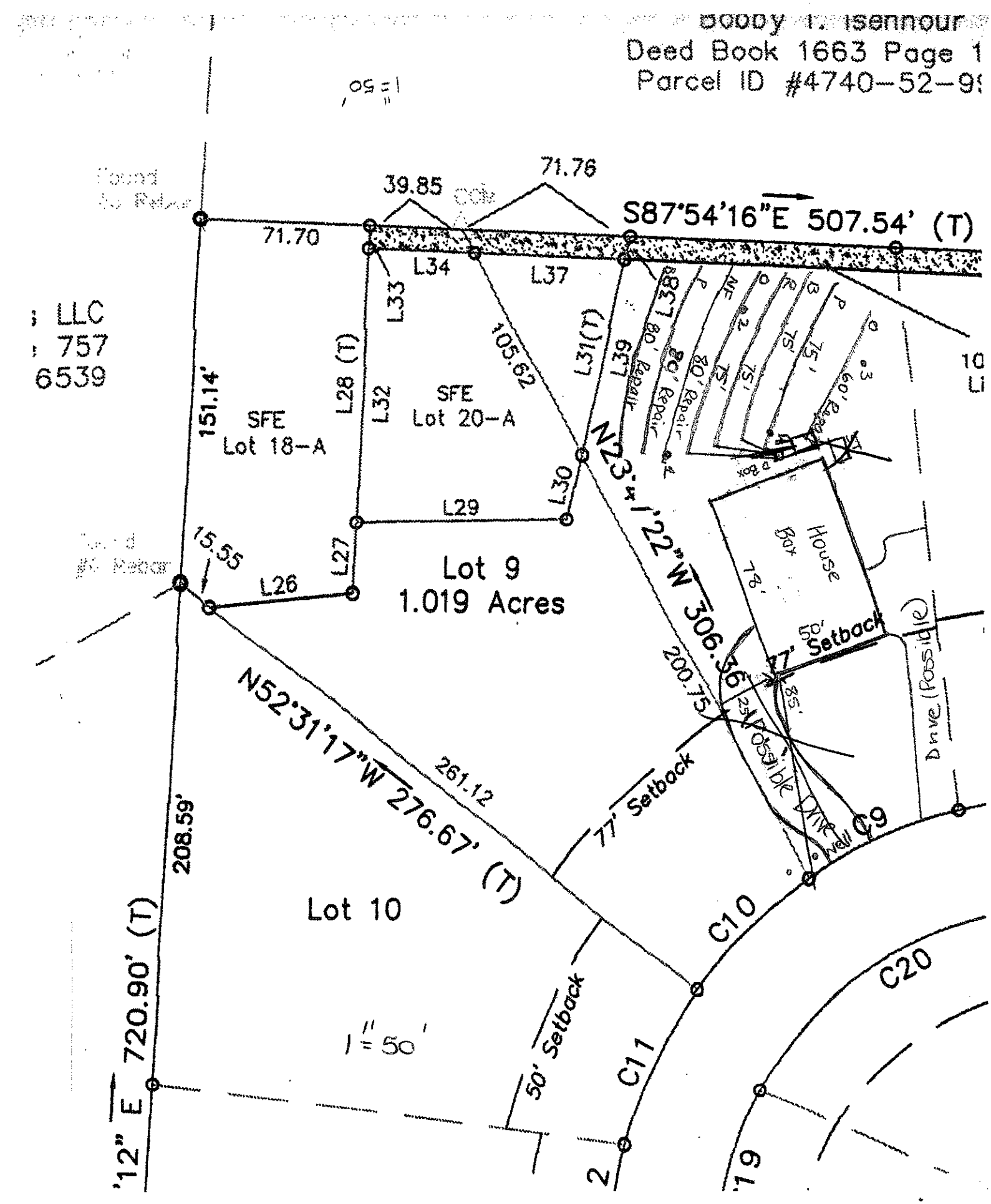
Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	Orange	LP PPBPS	60
2	System	Pink	25% Reduction	75 endfed
3	System	Blue	25% Reduction	75 endfed
4	System	Red	25% Reduction	75 endfed
5	System	Orange	25% Reduction	75 endfed
6	Repair	NF	LP PPBPS	80 endfed
7	Repair	Pink	LP PPBPS	80 endfed
8	Repair	Blue	LP PPBPS	80 endfed
				Total System: 300'
				Total Repair: 300'

Note:

Tank and distribution device locations/type can be altered at the ICHD discretion
Keep proper setbacks to foundation drains if used.

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Parcel ID #4740-52-9



Project #:
Property ID #:
County: Iredell

SOIL/SITE EVALUATION

Sheet:
Date Evaluated: 11/29/12

Owner or Client: ELG Investments
Proposed Facility: House Design Flow: 480
Location of Site: Lot 8
Soil Described By: LCMS Others Present: DB
Antecedent Moisture: Dry Weather: 40° F

Property Size: 0.728
Site LTAR: Int. 0.3 Rep. 0.3
Site Classification: PS

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

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 7%	0-3	Mo GR SL	FR ns/np		Br		Gravelly	0.3
		3-26	Mo SBK C	FR ss/sp		Red			
		26-48	WK SBK CL	FR ss/sp	C sap	Red			
2	L pit of	0-3	Mo GR SL	FR ns/np		Br		Gravelly	0.3
		3-28	Mo SBK C	FR ss/sp		Red			
		28-44	WK SBK C	FR ss/sp	C sap	Red			
		44-48	MA L Sap	FR ss/sp		multi			
3	L pit of	0-7	WK GR SL	FR ns/np		Lt Br		Gravelly	0.3
		7-23	Mo SBK C	FR ss/sp		Red			
		23-50	WK SBK CL	FR ss/sp	C sap	Red			
							F Quartz @	back of pit	
4	L of pit	0-9	WK GR SL	FR ns/np		Lt Br		Gravelly	0.3
		9-30	Mo SBK C	FR ss/sp		Red			
		30-53	WK SBK CL	FR ss/sp	C sap	Red			
5									
6									

COMMENTS:

Approved ICHD
2-12-13