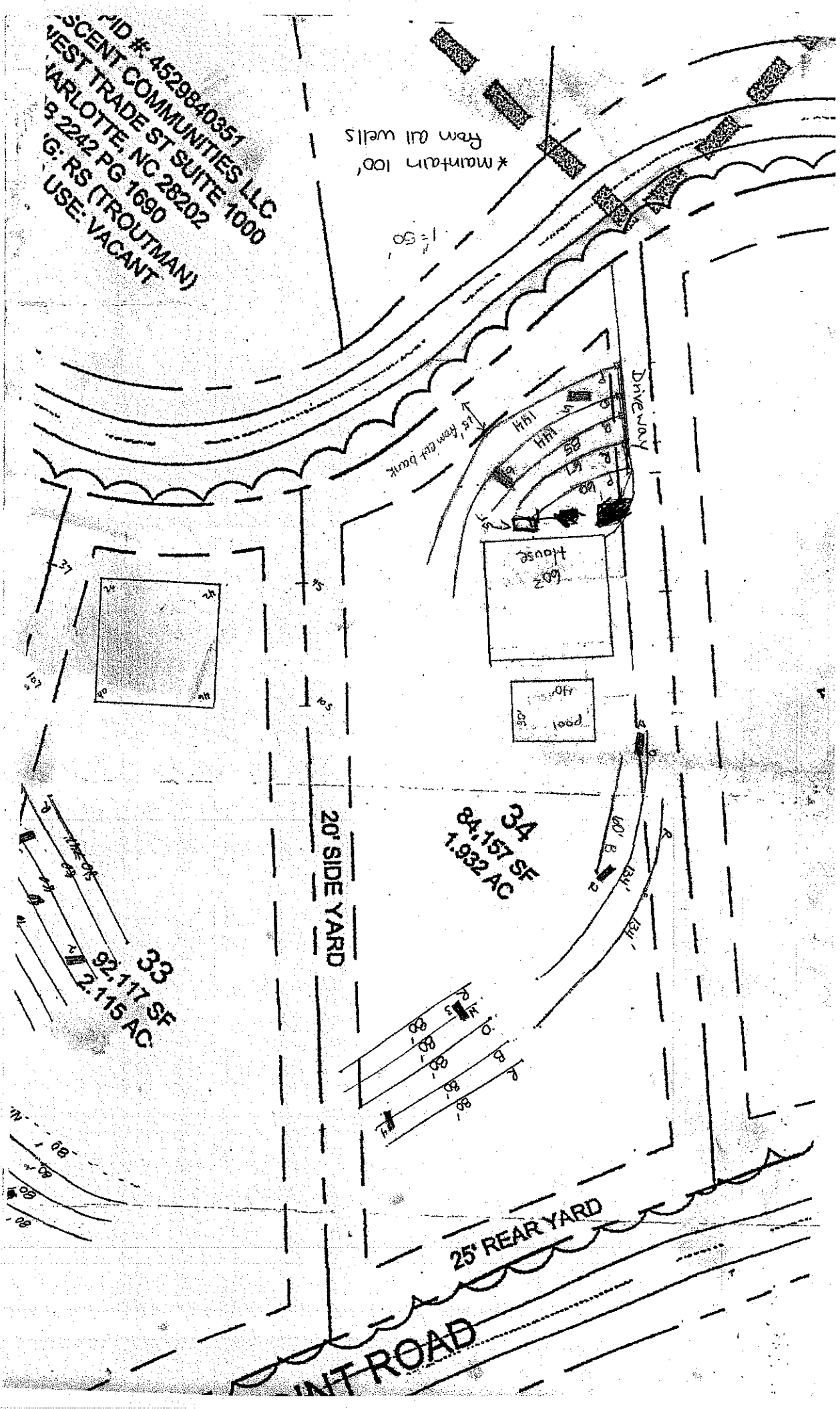
Falls Park Lot 34 Fast Track - The Oaks Group, PA

Number of Bedrooms	**5**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**600**
Primary System LTAR (gpd/ft2)	**0.3**
Primary System Type	**25% Reduction**
No. Lines	5 (See Table)
Total Linear Feet	500
Trench Width	3' min.
Trench Spacing	9' min.
Distribution Device	Drop Boxes or other
Tank Size	1500 [redacted] gallon tank
Max Trench Bottom Depth	36"
Maintenance Agreement Required	No
Repair System	**Conventional**
Total Linear Feet	728
Repair Loading Rate	0.3
Trench Depth	34"

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	Red	Conventional	80
2	Repair	Blue	Conventional	80
3	Repair	Orange	Conventional	80
4	Repair	White	Conventional	80
5	Repair	Red	Conventional	80
6	Repair	Red	Conventional	134
7	Repair	Orange	Conventional	134
8	Repair	Blue	Conventional	60
9	**System**	**Pink**	**25% Reduction**	**60 endfed**
10	**System**	**Red**	**25% Reduction**	**67 endfed**
11	**System**	**Blue**	**25% Reduction**	**85 endfed**
12	**System**	**Orange**	**25% Reduction**	**144 endfed**
13	**System**	**Pink**	**25% Reduction**	**144 endfed**
				Total System: 500'
				Total Repair: 728'

Note: Driveway location can moved at the discretion of the ICHD
Remove any existing agricultural berms
Tank and distribution device locations/type can be altered at the ICHD discretion
Keep proper setbacks to foundation drains if used.


PID #: 4529840351
CRESCENT COMMUNITIES LLC
1100 WEST TRADE ST SUITE 1000
CHARLOTTE, NC 28202
DB 2242 PG 1690
ZONING: RS (TROUTMAN)
USE: VACANT
*maintain 100' from all wells
Driveway
house
pool
20' SIDE YARD
34
84,157 SF
1.932 AC
33
92,117 SF
2.115 AC
25' REAR YARD
INT ROAD

On-Site Wastewater Section

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Lot #: 34
File #:
AppID:

Owner: Falls Park, LLC
Address:
Applicant:
Proposed Facility: SFR
Design Flow (.1949) ~~480~~ 600
Date Evaluated: 3/24/14
Location of Site: Falls Park Lot 34
Property Size: 1.932
Property Recorded:

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

Soils OK JH

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941 Structure/ Texture	1941 Consistence Mineralogy	PROFILE FACTORS 1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
1	L	0-4	Mo GR SL	FR ns/np	Br				
		4-23	Mo SBK C	FR ss/sp	Red				
		23-48	WK SBK CL	FR ss/sp	Red; C/M sap				0.3
					4-23 Strong ATBC				OK
2	L	0-5	WK GR SL	FR ns/np	Br				
		5-12	MA C	VFI ss/sp	Red			Compacted	
		12-22	Mo SBK C	FR ss/sp	Red, F sap			5-12"	0.3
		22-48	WK SBK CL	FR ss/sp	Red, C sap 12-22 ATBC				GK
3	L	0-10	WK SBK SCL	FR ss/sp	R Br				
		10-22	Mo SBK C	FR ss/sp	Red				
		22-39	WK SBK CL	FR ss/sp	Red				0.3
	KMS	39-54	MA L Sap	FR ss/sp	R Br 8-22 Strong ATBC 22-BC 54				ok
4	L	0-5	Mo GR SL	FR ns/np	Br				
		5-25	Mo SBK C	FR ss/sp	Red; F sap				
		25-50	WK SBK CL	FR ss/sp	Red; C sap				0.3
									OK

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR	0.3	0.3

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

36" TBD

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

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

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner:
Address:
Proposed Facility: Design Flow (.1949)
Location of Site:

Applicant:
Date Evaluated:
Property Size:
Property Recorded:

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

Soils ok HB

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
5	L 8-10%	0-12	Mo GR SL	FR NS/NP	Br				A&K struck in Bhorizon 0.3 olc
		12-42	Mo SBK C	FR SS/SP	R; F Sap				
		42-52	WK SBK C	↓	R; C Sap				
		52-65	MA 4/2 Sap	↓	multi				
6	L	0-21	Mo SBK C	FR SS/SP	R;				0.3 OK
		21-34	WK SBK CL	↓	R; C Sap				
		34-65	MA LSap	↓	multi				
					0-21 strong A&K				

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: