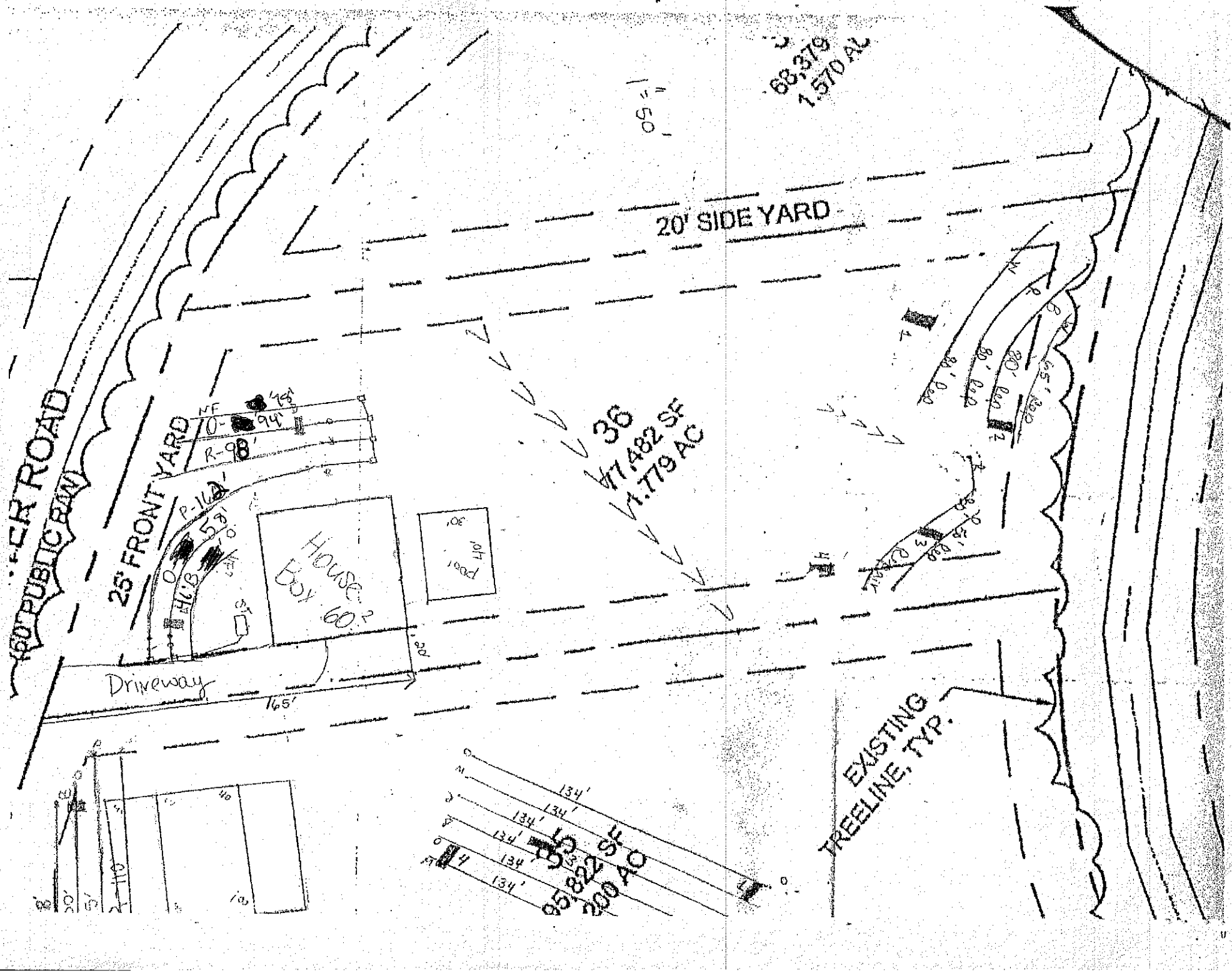

68,379
1.570 AC
20' SIDE YARD
60' PUBLIC R/W
25' FRONT YARD
R-98'
R-164'
531'
HOUSE
DEV. 60.2
Driveway
165'
36
47,482 SF
1.779 AC
EXISTING
TREELINE, TYP.
134'
95,822 SF
2.200 AC

Falls Park Lot 36 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	**Conventional or Other**
No. Lines	6 (See Table)
Total Linear Feet	535
Trench Width	3' min.
Trench Spacing	9' min.
Distribution Device	Drop Boxes or Other
Tank Size	1000 gallon tank
Max Trench Bottom Depth	48"
Maintenance Agreement Required	No
Repair System	**LP PPBPS**
Total Linear Feet	435
Repair Loading Rate	0.25
Trench Depth	48"

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	White	LP PPBPS	65
2	Repair	Blue	LP PPBPS	80
3	Repair	Red	LP PPBPS	80
4	Repair	White	LP PPBPS	80
5	Repair	Orange	LP PPBPS	50
6	Repair	Red	LP PPBPS	80
7	System	Blue	Conventional	60 endfed
8	System	Orange	Conventional	70 endfed
9	System	Pink	Conventional	160 endfed
10	System	Red	Conventional	90 endfed
11	System	Orange	Conventional	80 endfed
12	System	NF	Conventional	75 endfed
				Total System: 535'
				Total Repair: 435'

Note: Keep any grading for the house box or pool a minimum of 25 ft from repair area
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.
Can use a 25% reduction material instead of gravel without the reduction in line length

Off-Site Wastewater Section

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Lot #: 36
File #:
AppID:

Owner: Falls Park LLC
Address:
Applicant:
Proposed Facility: SFR
Design Flow (.1949) 480
Date Evaluated: 3/24/14
Location of Site: Lot 36 Falls Park
Property Size: 1.779
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

OK

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
1	L	0-10	Mo SBK C	FR SS/SP	Red		PS		0.3
		10-37	WK SBK CL	FR SS/SP	Red yel; C sap				6-20 P1
		37-48	MA L sap	FR SS/SP	yel Red				
2	L	0-3	Mo GR SL	FR NS/NP	Br				0.3
		3-22	mo SBK/ WK ABK C	FR SS/SP	Red, F sap				P1 0-32"
		22-60	WK SBK CL	FR SS/SP	Red, C sap				
3	L	0-4	Mo GR SL	FR NS/NP	Br				0.3
		4-20	mo SBK/ WK ABK C	FR SS/SP	Red				0-24 P1
		20-48	WK SBK C	FR SS/SP	Red; C sap				
4	L	0-5	Mo GR SL	FR NS/NP	Br				0.25 US 21-48" L
		5-36	WK ABK C	FR SS/SP	Red; C yel Br				
		36-48	WK SBK CL	FR SS/SP	Red; C sap				

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR	0.25	0.25

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

Project #: _____ Sheet: _____

Property ID #: _____ **SOIL/SITE EVALUATION** Date Evaluated: _____

County: _____

Owner or Client: _____

Proposed Facility: _____ Design Flow: _____ Property Size: _____

Location of Site: Lot 36

Soil Described By: _____ Others Present: _____ Site LTAR: Int. _____ Rep. _____

Antecedent Moisture: _____ Weather: _____ Site Classification: _____

Water Supply: [ ] Public [ ] Community [ ] On-Site Well [ ] Spring [ ] Other

Evaluation Method: [ ] Auger Boring [ ] Pit [ ] Cut

Type of Wastewater: [ ] Sewage [ ] Industrial Process [ ] Mixed

OK w/ TB + LTAR 1/4

PROFILE #	Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY: Structure/ Texture	SOIL MORPHOLOGY: Consistence Mineralogy	PROFILE FACTORS: Inclusions	Matrix Color	Mottles	Profile Notes (Restr Hortz, Soil Depth, Coarse Frag, etc...)	Profile Class & LTAR
A		0-3	Mo GR SL	FR ns/np		Br			
		3-27	Mo SBK C	FR ss/sp		R			
1	L	27-48	WK SBK CL	↓	C sap	R			0.3
✓		52-72	SAP						18" 11/28" Strong ABK
B		0-25	WK SBK C/CL	FR ss/sp	C sap	R			
		25-60	MA L sap	↓		Multi			0.35
2	L	25-72	SAP						
✓									
3									
4									
5									
6									

COMMENTS:

yellow jackets around pit B