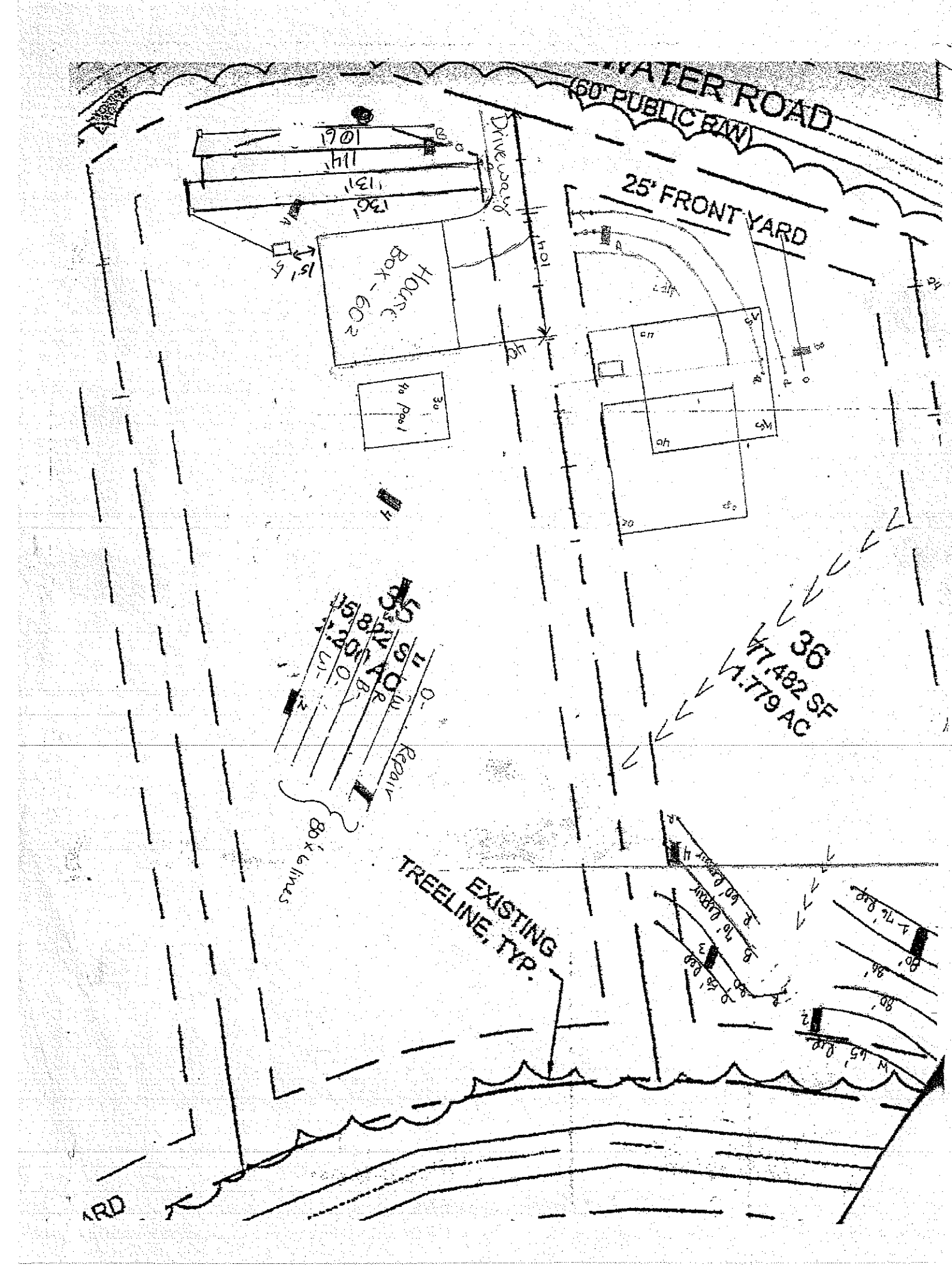

WATER ROAD
(60' PUBLIC R/W)
25' FRONT YARD
Driveway
House
Box - 60'
Pool
36
47,482 SF
1.179 AC
EXISTING
TREELINE, TYP.

Falls Park Lot 35 Fast Track - The Oaks Group, PA

Number of Bedrooms	**4**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**480**
Primary System LTAR (gpd/ft2)	**0.25**
Primary System Type	**25% Reduction**
No. Lines	4 (See Table)
Total Linear Feet	480
Trench Width	3' min.
Trench Spacing	9' min.
Distribution Device	Drop Boxes or Other
Tank Size	1000 gallon tank
Max Trench Bottom Depth	36"
Maintenance Agreement Required	No
Repair System	**25% Reduction**
Total Linear Feet	480
Repair Loading Rate	0.25
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	25% Reduction	80
2	Repair	White	25% Reduction	80
3	Repair	Red	25% Reduction	80
4	Repair	Blue	25% Reduction	80
5	Repair	Orange	25% Reduction	80
6	Repair	White	25% Reduction	80
7	System	Red	25% Reduction	130 endfed
8	System	Pink	25% Reduction	135 endfed
9	System	Orange	25% Reduction	120 endfed
10	System	Red	25% Reduction	95 endfed
				Total System: 480'
				Total Repair: 480'

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.

On-site Wastewater Section

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Property ID:
Lot #: 35
File #:
AppID:

Owner: Falls Park, LLC
Address:
Proposed Facility: SFR Design Flow (.1949) 480
Location of Site: Lot 35 Falls Park

Applicant:
Date Evaluated: 3/24/14
Property Size: 2.2
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

OF w/ TB & LTAR 8/2

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941 a. 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	0-22	Mo SBK C	FR SS/SP	Red	42"	PS		0.3
		22-42	WK SBK CL	FR SS/SP	Red; C Sap				
		42-48	MA L Sap	FR SS/SP	Red Br				
2 ✓	L	0-22	Mo SBK C	FR SS/SP	Red; F Sap				0.3 PI 0-21 (0.25)
		22-48	WK SBK CL	FR SS/SP	Red Br; C Sap				
3 ✓	L	0-24	Mo SBK C	FR SS/SP	Red; F Sap	46"	PS		0.3 PI 0-19 TD 36"
		24-46	WK SBK CL	FR SS/SP	Red; C Sap				
		46-50	MA L Sap	FR SS/SP	Red				
4	L	0-3	Mo GR SL	FR NS/NP	Br				0.3
		3-29	Mo SBK C	FR SS/SP	Red				
		29-39	MA SL Sap	pocket	R Br				
		39-54	WK SBK CL	FR SS/SP	Red; F Sap				
					* Quartz in back of pit				

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:

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: Livewell Homes
Applicant:
Address:
Date Evaluated: 7/14/15
Proposed Facility: SFR
Design Flow (.1949) 480
Property Size:
Location of Site: Lot 35
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

LTAR 0.25 OK JB

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
A	L	0-20	Mo SBK C	FR SS/SP	R				0.3
		20-27	WK SBK C	↓	R; C sap				
		27-48	[illegible]	FR NS/NP	wet R, F cracks CL				
B	L	0-5	Mo GR SL	FR NS/NP	Br				0.3
		5-15	WK SBK SL	FR SS/SP	wet R				
		15-26	Mo SBK C	↓	↓				
		26-50	WK SBK C	↓	R; C sap				
				* Augered both pits to 115"					

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: