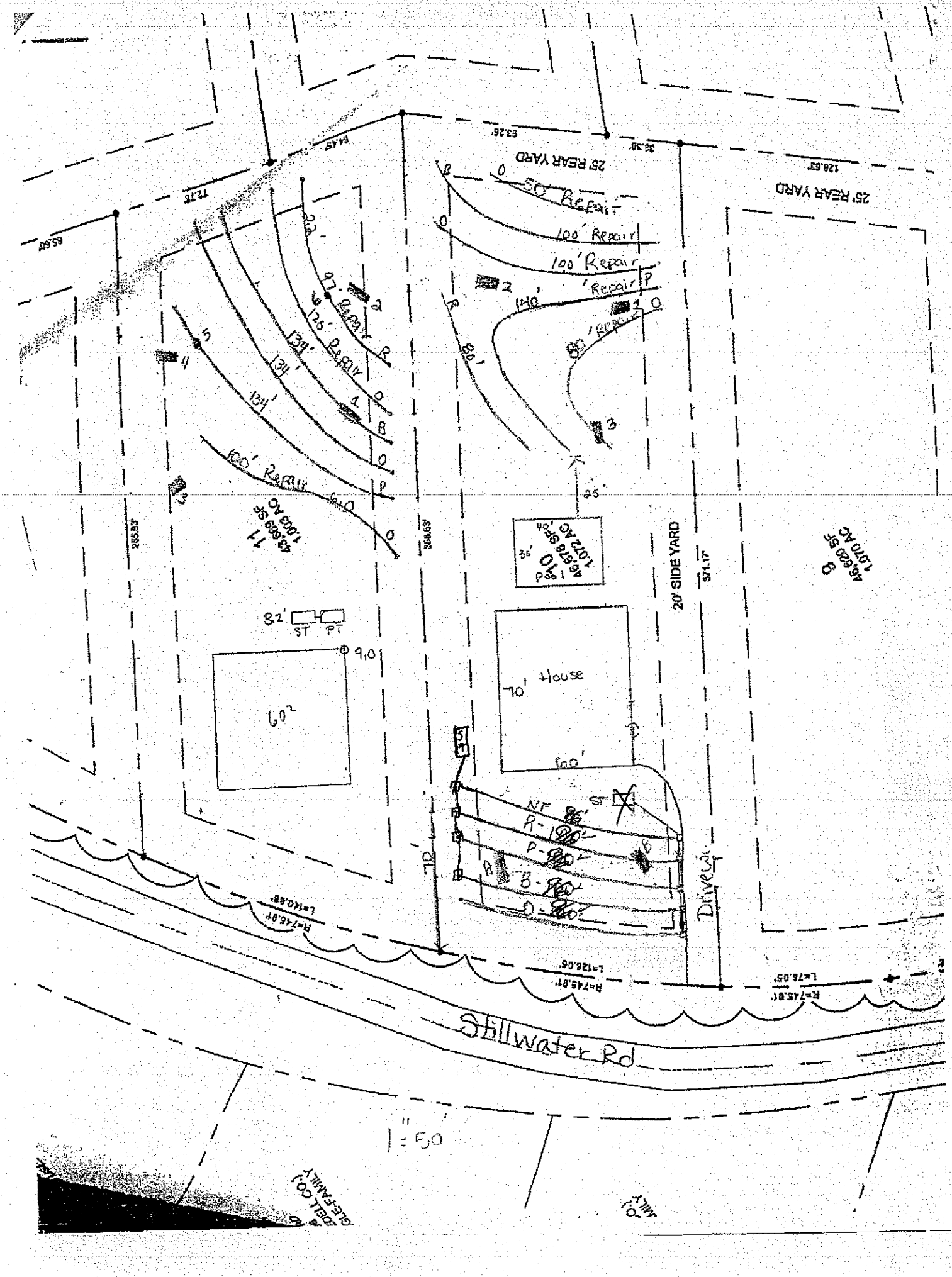

25' REAR YARD
50' Repair
100' Repair
100' Repair
Repair P
140'
80' Repair
80'
97' Repair R
126' Repair
131'
131'
131'
100' Repair
60'
25'
20' SIDE YARD
371.17'
House
70'
60'
8.2'
ST
PT
9.0
Driveway
NF
R-100'
P-100'
B-100'
D-100'
Shillwater Rd
1" = 50'

nt of Environment, Health, and Natural Resources
of Environmental Health
te Wastewater Section

# SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Sheet:
Property ID:
Lot #: 10
File #:
AppID:

Owner: Livewell Homes
Applicant:
Address:
Date Evaluated: 7-10-15 / 5-7-14
Proposed Facility: SFR
Design Flow (.1949) 480
Property Size: 1.072
Location of Site: Lot 10 Falls Park
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 w/ TBR design LTAR on JA

| 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 |
|---|---|---|---|---|---|---|---|---|---|
| A ✓ | L | 0-30 | Mo SBK C | FR SS/SP | R<br>R; F sap | | | F Fluc | 0.3 |
| | | 30-48 | WK SBK CL | FR SS/SP | | | | | |
| B ✓ | L | 0-32 | Mo SBK C | FR SS/SP | R<br>R; C sap | | | F R | 0.3<br>0-19 PI<br>0.25 |
| | | 32-60 | WK SBK CL | FR SS/SP | | | | | |
| 1 | L | 0-25 | Mo SBK C | FR SS/SP | Red<br>Red; C sap | | | | 0.3<br>0-19 PI<br>0.25 |
| | | 25-48 | WK SBK CL | FR SS/SP | | | | | |
| 2 | LN | 0-26 | Mo SBK C | FR SS/SP | R<br>R; C Sap; F Yel Br WR | | | | 0.3<br>✓ |
| | | 26-48 | WK SBK CL | FR SS/SP | | | | | |

| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | | |
| System Type(s) | 25% Red | LPPPBPS |
| Site LTAR | 0.3 | 0.3 |

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

#3 L 0-21 Mo SBK C FR SS/SP R
21-48 WK SBK CL FR SS/SP R; C sap, F Yel WR 0.3

(0.23 PL).
0.25

## Falls Park Lot 10 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 | 5 (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 | 550 |
| Repair Loading Rate | 0.25 |

### Table: Summary of Primary and Repair Nitrification Line Specifications

| Line No. | Use | Line Color | System Type | Line Length (Ft.) |
|---|---|---|---|---|
| 1 | Repair | Orange | 25% Reduction | 50 |
| 2 | Repair | Blue | 25% Reduction | 100 |
| 3 | Repair | Orange | 25% Reduction | 100 |
| 4 | Repair | Red | 25% Reduction | 80 |
| 5 | Repair | Pink | 25% Reduction | 140 |
| 6 | Repair | Orange | 25% Reduction | 80 |
| 7 | System | NF | 25% Reduction | 80 endfed |
| 8 | System | Red | 25% Reduction | 100 endfed |
| 9 | System | Pink | 25% Reduction | 100 endfed |
| 10 | System | Blue | 25% Reduction | 100 endfed |
| 10 | System | Orange | 25% Reduction | 100 endfed |
| | | | | Total System: 480' |
| | | | | Total Repair: 550' |

**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**
**Use proper setbacks if a foundation drain is installed during construction**