THE OAKS GROUP, PA

To: Iredell County Environmental Health Department (ICHD)

From: Kathleen Saunders, LSS

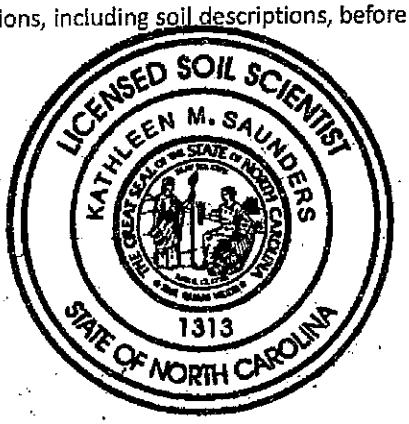
RE: 620 Stillwater Road

Date: January 23, 2017

Attached is the septic specification information required to permit the 620 Stillwater Road for an Improvement Permit and/or Construction Authorization Permit in Iredell County via the Expedited Review Process.

The attached information is not an Improvement Permit or an Authorization to Construct, and is only to assist the ICHD with permitting. The ICHD has to approve each lot and only the ICHD can issue these permits. The system should be installed according to the ICHD permits, policies, and NC Rules, which these specifications are in accordance with. If the ICHD wishes to change tank locations, distribution devices, etc they may do so at their discretion.

All information and specifications have been prepared in conjunction with ICHD permitting guidelines for the current lot owners to acquire an Improvement Permit and/or Authorization to Construct on this lot. It is ultimately the ICHD's responsibility to verify all specifications, including soil descriptions, before permitting and/or septic system installation.



APPROVED FEB 13 2017

Falls Park Lot 33 Fast Track - The Oaks Group, PA

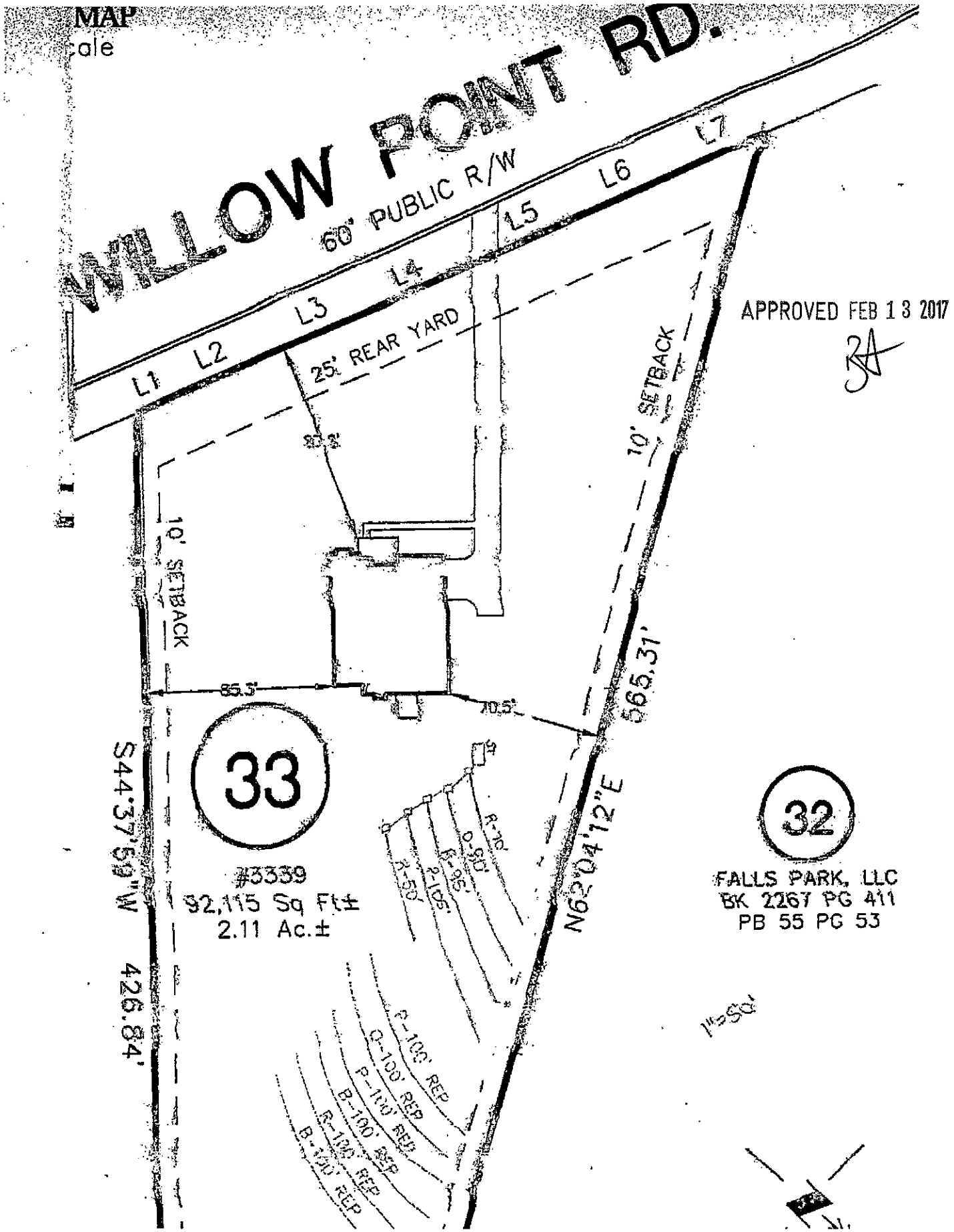
Number of Bedrooms	**4**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**480**
Primary System LTAR (gpd/ft2)	**0.3**
Primary System Type	**25% Reduction**
No. Lines	5 (See Table)
Total Linear Feet	400
Trench Width	3' min.
Trench Spacing	9' min.
Distribution Device	Drop Boxes or Other
Tank Size	1000 gallon tank
Max Trench Bottom Depth (Low Side)	24"
Maintenance Agreement Required	No
Repair System	**25% Reduction**
Total Linear Feet	600
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	System	Red	25% Reduction	70 endfed
2	System	Orange	25% Reduction	80 endfed
3	System	Blue	25% Reduction	95 endfed
4	System	Pink	25% Reduction	105 endfed
5	System	Red	25% Reduction	50 endfed
6	Repair	Pink	25% Reduction	100
7	Repair	Orange	25% Reduction	100
8	Repair	Pink	25% Reduction	100
9	Repair	Blue	25% Reduction	100
10	Repair	Red	25% Reduction	100
11	Repair	Blue	25% Reduction	100
				Total System: 400'
				Total Repair: 600'

Note: Keep proper setbacks to foundation drains
Distribution devices and tank locations can be altered at ICHD's discretion
Shave berms to prevent surface water from ponding

MAP
cale


WILLOW POINT RD.
60' PUBLIC R/W
L1
L2
L3
L4
L5
L6
L7
25' REAR YARD
10' SETBACK
10' SETBACK
APPROVED FEB 13 2017
33
#3339
92,115 Sq Ft±
2.11 Ac.±
S44°37'50"W 426.84'
N62°04'12"E 565.31'
85.5'
70.5'
R-70'
O-50'
R-95'
R-105'
R-50'
R-100' REP
O-100' REP
R-100' REP
R-100' REP
R-100' REP
32
FALLS PARK, LLC
BK 2267 PG 411
PB 55 PG 53
1"=50'