Hawks Landing Lot 16 Fast Track - The Oaks Group, PA

Number of Bedrooms	**3**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	~~480~~ 360
Primary System LTAR (gpd/ft2)	**0.3**
Primary System Type	**25% Reduction**
No. Lines	3 (See Table)
Total Linear Feet	300
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	**LP PPBPS**
Total Linear Feet	260
Repair Loading Rate	0.3
Trench Depth	36"

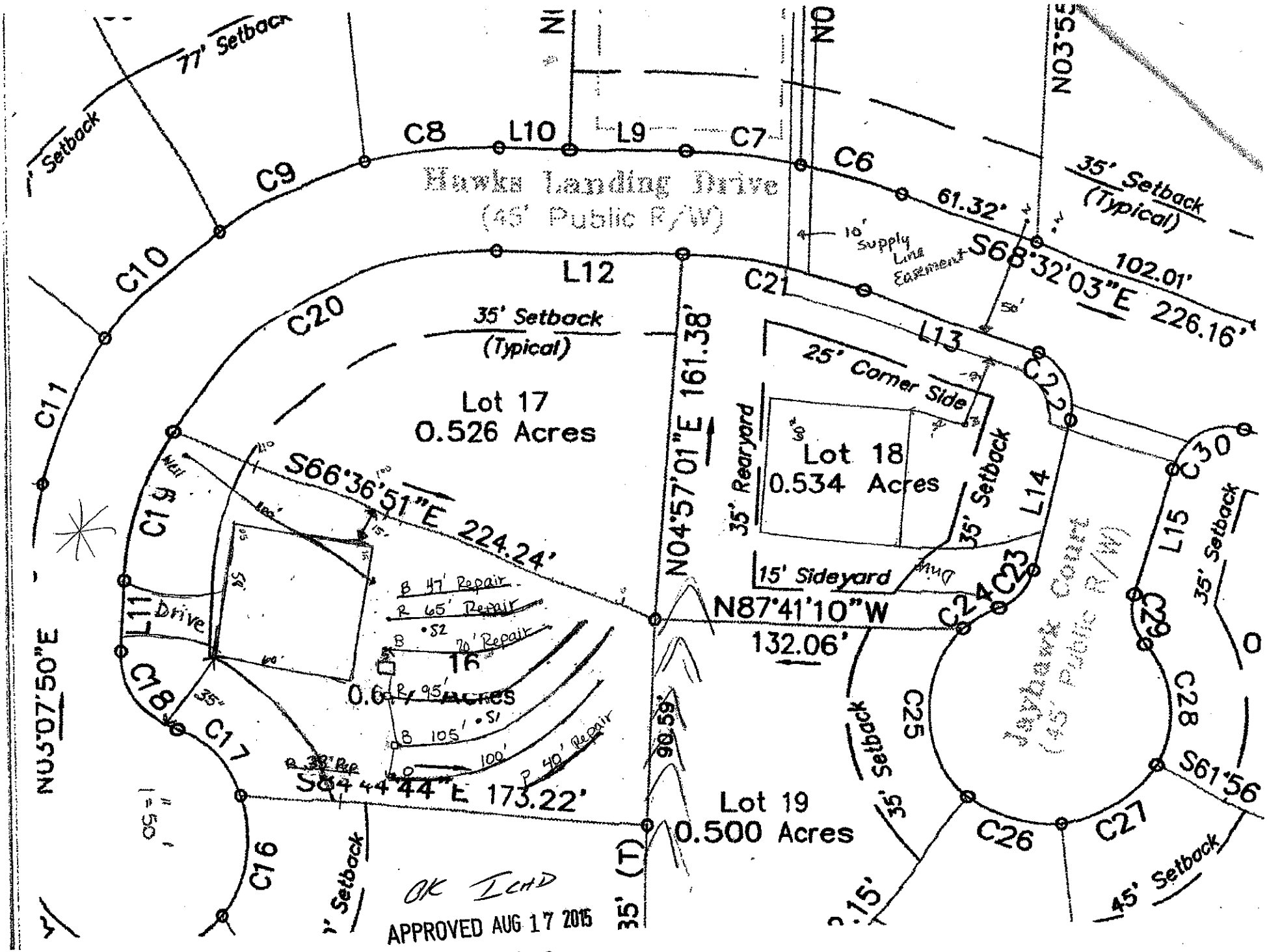
Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	Blue	LP PPBPS	47
2	Repair	Red	LP PPBPS	65
3	Repair	Blue	LP PPBPS	70
4	System	Red	25% Reduction	95 endfed
5	System	Blue	25% Reduction	105 endfed
6	Repair	Orange	LP PPBPS	38
7	System	Orange	25% Reduction	100 endfed
8	Repair	Pink	LP PPBPS	40
				Total System: 300'
				Total Repair: 260'

OK ICHD
APPROVED AUG 17 2016

Note:

Tank and distribution device locations/type can be altered at the ICHD discretion
Keep proper setbacks to foundation drains if used.
Repair lines can be shortened to allow for future patio at ICHD's discretion


Hawks Landing Drive
(45' Public R/W)
77' Setback
35' Setback (Typical)
61.32'
S68°32'03"E 226.16'
102.01'
10' Supply Line Easement
Lot 17
0.526 Acres
Lot 18
0.534 Acres
Lot 19
0.500 Acres
25' Corner Side
35' Rearyard
35' Setback
15' Sideyard
S66°36'51"E 224.24'
N04°57'01"E 161.38'
N87°41'10"W
132.06'
S64°44'44"E 173.22'
NU5°07'50"E
90.59'
Drive
Jayhawk Court
(45' Public R/W)
APPROVED AUG 17 2015
1" = 50'

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 1245
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: ELC
APPLICATION DATE
ADDRESS: 153 Hawks Landing Dr
DATE EVALUATED: 8/13/15
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360 GPD
PROPERTY SIZE:
LOCATION OF SITE: SAME
PROPERTY RECORDED:
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
S1	LL 10%	0-6	BL	Gr, SS, SP			F SAP INCL 10"-48"	N/A	.325-.35
		6-48	C/CL, SBK	FR, SS, SP					
S2	LL 11%	0-6	BL, GR	FR SS, SP			SAP/LITHO INCL 34"-48"	N/A	.3
		6-34	* RL, SBK/MW SBK	" " "					
		34-48	RCL, SBK	" " "					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	APPROVED	APPROVED
Site LTAR	.3	.3

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): 1-S
EVALUATED BY: SUSAN JOSHON
OTHER(S) PRESENT: TOM SHUCK

COMMENTS: