PATTERSON LAND SURVEYING, P.A.

P.O. Box 5010, Mooresville, NC 28117 O-(704) 663-0110 M-(704) 361-0415

I, JOEL H. PATTERSON III, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION FROM DEED DESCRIPTION AND/OR MAP BOOK 52, PAGES 43-45; THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION AS SHOWN ON SURVEY; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 89-C AS AMENDED. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS _____ DAY OF _____, 2015.

PRELIMINARY

JOEL H. PATTERSON III, PLS
NC LICENSE NUMBER L-3717

Plat Book 52
Page 43
Dated 6/28/2007

LOT 609
PLAT BOOK 52
PAGE 43

S88°35'27"E 158.60'

15' Sideyard

Silt Fence
(Temporary)

Variable Width
PSDE
(scaled from Plat
Book 52 Page 43)

LOT 610
0.945 ACRES

30' Front Setback

30' Rearyard

Old Bound

120'

122.5'

N01°24'33"E 231.11'

SILVER FALLS DRIVE
50' PUBLIC R/W
(PLAT BOOK 52 PAGE 43)

50' Repair

S02°26'50"W 287.12'

LOT 611
PLAT BOOK 52
PAGE 43

37.00'
14.29'
2.00'
5.00'
6.00'
5.00'
9.75'
66.2'
22.00'
25.92'
36.4'
20.67'
22.00'
14.00'
10.92'
12.00'
2.00'
12.58'
23.00'

Proposed Driveway

Concrete Apron

Construction
Entrance
(Temporary)

1" = 40'

10'x70' Sight Triangle
(Plat Book 52 Page 43)

35' Setback

L1

C1

Variable Width
PSDE

CINDER

GRAPHIC SCALE

40 0 20 40

Lot 610 Parkwood Subdivision Fast Track - The Oaks Group, PA

Number of Bedrooms	**3**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**360**
Primary System LTAR (gpd/ft2)	**0.25 (Per Existing Permit)**
Primary System Type	**25% Reduction**
No. Lines	3 (See Table)
Total Linear Feet	360
Trench Width	3' min.
Trench Spacing	9' min.
Distribution Device	Distribution Box or Other
Tank Size	1000 gallon tank
Max Trench Bottom Depth (High Side)	36 inches
Maintenance Agreement Required	No
Repair System	**LP PPBPS**
Total Linear Feet	257
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	LP PPBPS	127
2	System	Blue	25% Reduction	120 endfed
3	System	Red	25% Reduction	120 endfed
4	System	White	25% Reduction	120 endfed
5	Repair	White	LP PPBPS	50
6	Repair	Orange	LP PPBPS	80
				Total System: 360'.
				Total Repair: 257'

Note: No cutting outside house box
Can switch lines to centerfed if needed

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Soils OK AA

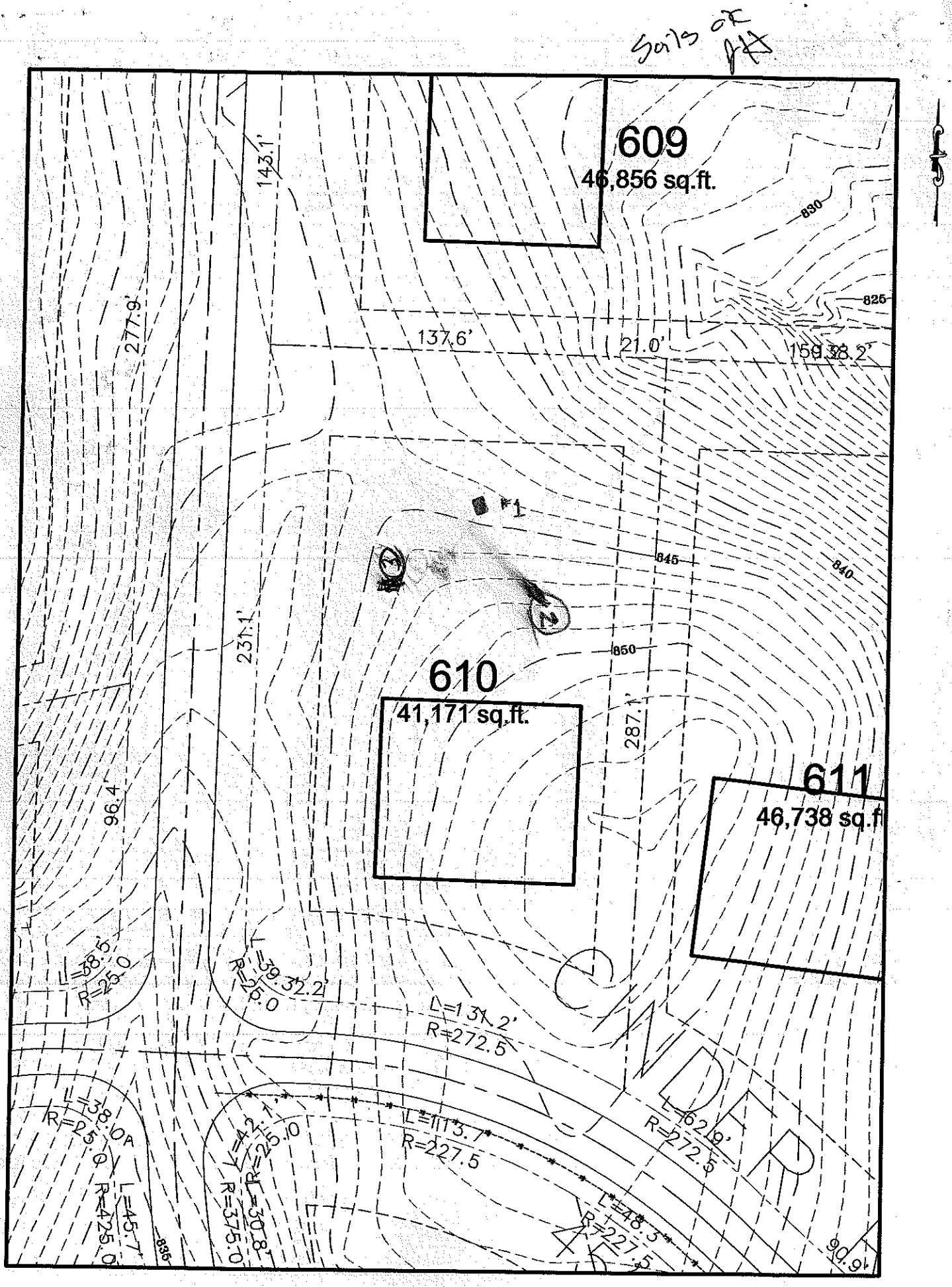
OWNER: _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Parkwood #610 PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 REDOX. HORIZ.	
1 (N96)	L	0-12	Mo, Gr, SL	Fr, NS, NP (Br)					PS
		12-38	Mo, SBK, C	Fr, SS, SP (Red)	F-Y Mottles				0.25
		38-54	M, SBK, CL	Fr, SS, SP (Red)	F-SAP Inclus.				
2	10%	0-5	gr fine SL	fr SS SP					.3
		5-37	M SBK C	fr SS SP common					
		37-59	WK SBK CL	fr SS SP					
3		0-5	gr dk SL	fr SS SP					.3
		5-25	M SBK C	fr SS SP common					
		25-36	WK SBK CL	fr SS SP	few mica SAP				
		36-58	WK SBK CL	fr SS SP	common - many SAP mica				
4									

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

COMMENTS: _____


609
46,856 sq.ft.
610
41,171 sq.ft.
611
46,738 sq.ft
143.1'
277.9'
231.1'
137.6'
21.0'
159.2'
38.2'
287.1'
96.4'
830
825
845
840
850
835
L=58.5'
R=25.0
R=539.0
L=39.2'
L=131.2'
R=272.5
L=38.0'
R=25.0
L=45.7'
R=425.0
L=42.1'
R=25.0
R=30.8'
R=375.0
L=113.7'
R=227.5
L=62.9'
R=272.5
L=48.3'
R=227.5
90.0'
GRAPHIC SCALE
50
25
0
50
SCALE: 1" = 50'