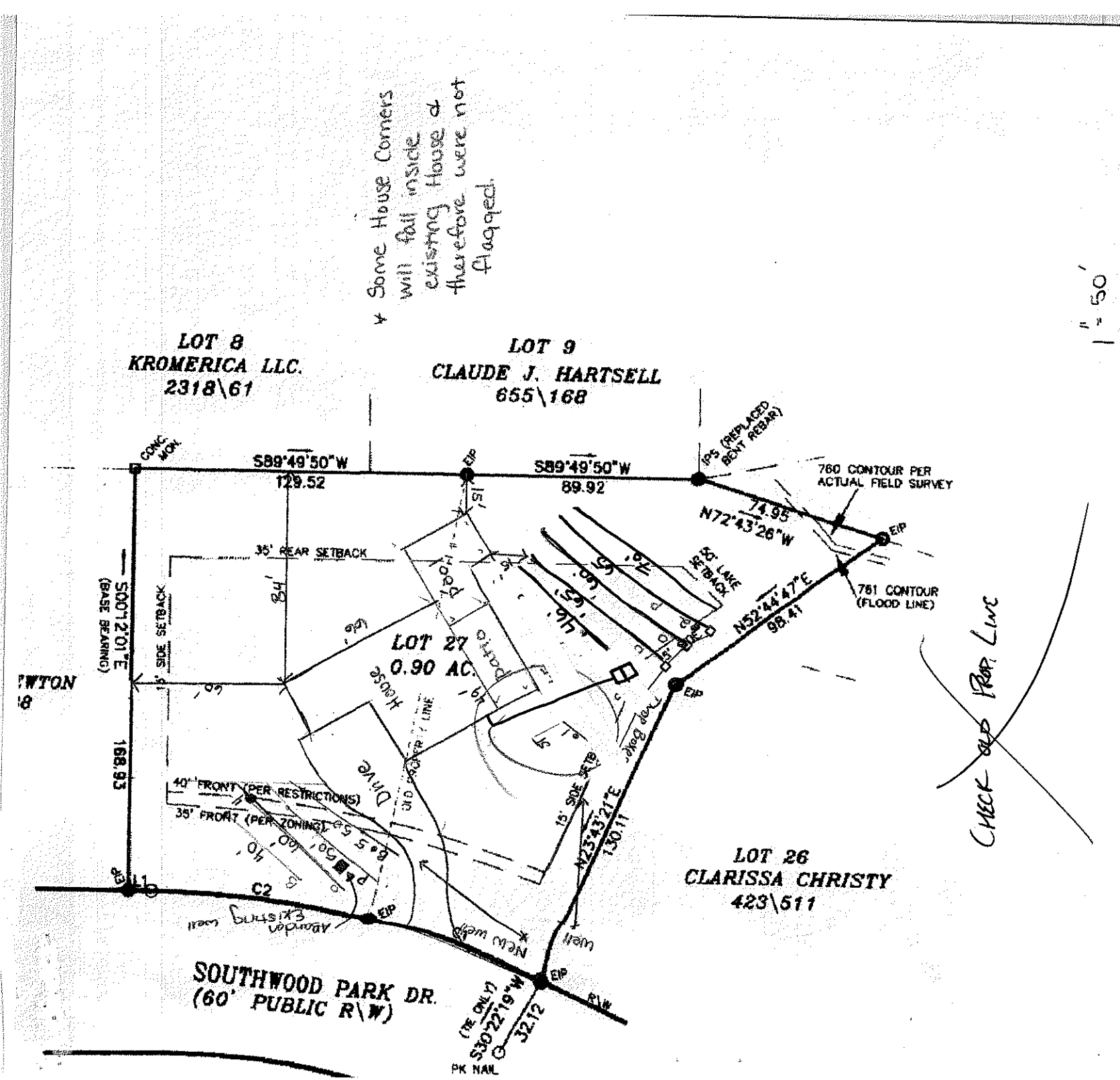


STATE OF NORTH CAROLIN
COUNTY OF IREDELL

I, William M. Alli
COUNTY, CERTIFY THAT TH
WHICH THIS CERTIFICATION
ALL STATUTORY REQUIREM

11-18-14
DATE

I, HEREBY CERTIFY THAT THIS
AN EXCEPTION TO THE SUBD
COUNTY, NORTH CAROLINA.

William M. A
SUBDIVISION ADMINISTRATOR

IREDELL COUNTY, NORTH CA

THE LOT SHOWN ON THIS
TO THE BEST OF MY KNOW
CRITICAL AREA WATERSHED
NORTH CAROLINA DIVISION
MANAGEMENT AND AS APP
WATERSHED PROTECTION M

11-18-14
DATE

Lot 27 marina Village Subdivision Fast Track - The Oaks Group, PA

Number of Bedrooms	**3**
Basement or Crawl	**Basement with Plumbing**
Design Flow (gpd)	**360**
Primary System LTAR (gpd/ft2)	**0.3**
Primary System Type	**25% Reduction**
No. Lines	5 (See Table)
Total Linear Feet	300
Trench Width	3' min.
Trench Spacing	9' min.
Distribution Device	Drop Boxes
Tank Size	1000 gallon tank
Max Trench Bottom Depth (Low Side)	20 inches
Maintenance Agreement Required	No
Repair System	**LP PPBPS**
Total Linear Feet	0.3
Repair Loading Rate	200

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	Blue	LP PPBPS	40
2	Repair	Orange	LP PPBPS	60
3	Repair	Pink	LP PPBPS	50
4	Repair	Blue	LP PPBPS	50
5	System	Orange	25% Reduction	65 endfed
6	System	Pink	25% Reduction	60 endfed
7	System	Blue	25% Reduction	65 endfed
8	System	Orange	25% Reduction	70 endfed
9	System	Pink	25% Reduction	40 endfed
				Total System: 300'
				Total Repair: 200'

Note: Shave off berms in septic area to prevent ponding of surface waters

On-site Wastewater Section

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Lot #:
File #:
AppID:

Owner: Billy Robinson
Address:
Proposed Facility: SFR
Design Flow (.1949) 360
Location of Site: Lot 27/28 Southwood Park

Applicant:
Date Evaluated: 9/18/14
Property Size:
Property Recorded:

Water Supply: [ ] Public [ ] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

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
1	L	0-12	Mo SBK C	FR SS/SP	R				0.35
		12-46	Mo SBK CL	FR SS/SP	R				
2	L	0-4	Mo GR SCL	FR SS/SP	R Br				0.35
		4-32	Mo SBK CL	↓	Red; F Mn				
		32-56	WK SBK CL	↓	Red; F Sap				
3	L	0-16	Mo SBK CL	FR SS/SP	R yel				0.35
		16-32	WK SBK CL	↓	yel R; C Sap				
		32-52	MA L Sap	↓	yel R				
4	L	0-24	Mo SBK CL	FR SS/SP	R				0.35
		24-42	WK SBK CL	FR SS/SP	R yel; F Sap				
		42-50	MA L Sap	↓	yel R				

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR	0.35	

260'

Other Factors (.1946):
Soil Evaluation By:
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

#5 L 0-4 Mo GR SCL FR SS/SP R Br
4-24 Mo SBK C FR SS/SP R Br; F/C Mn
24-33 Mo SBK CL FR SS/SP R
33-44 WK SBK CL FR SS/SP R; F/C Sap

0.3 to 44"