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

Sheet 1 of 1
PROPERTY ID #:
COUNTY: Iredell Co.

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

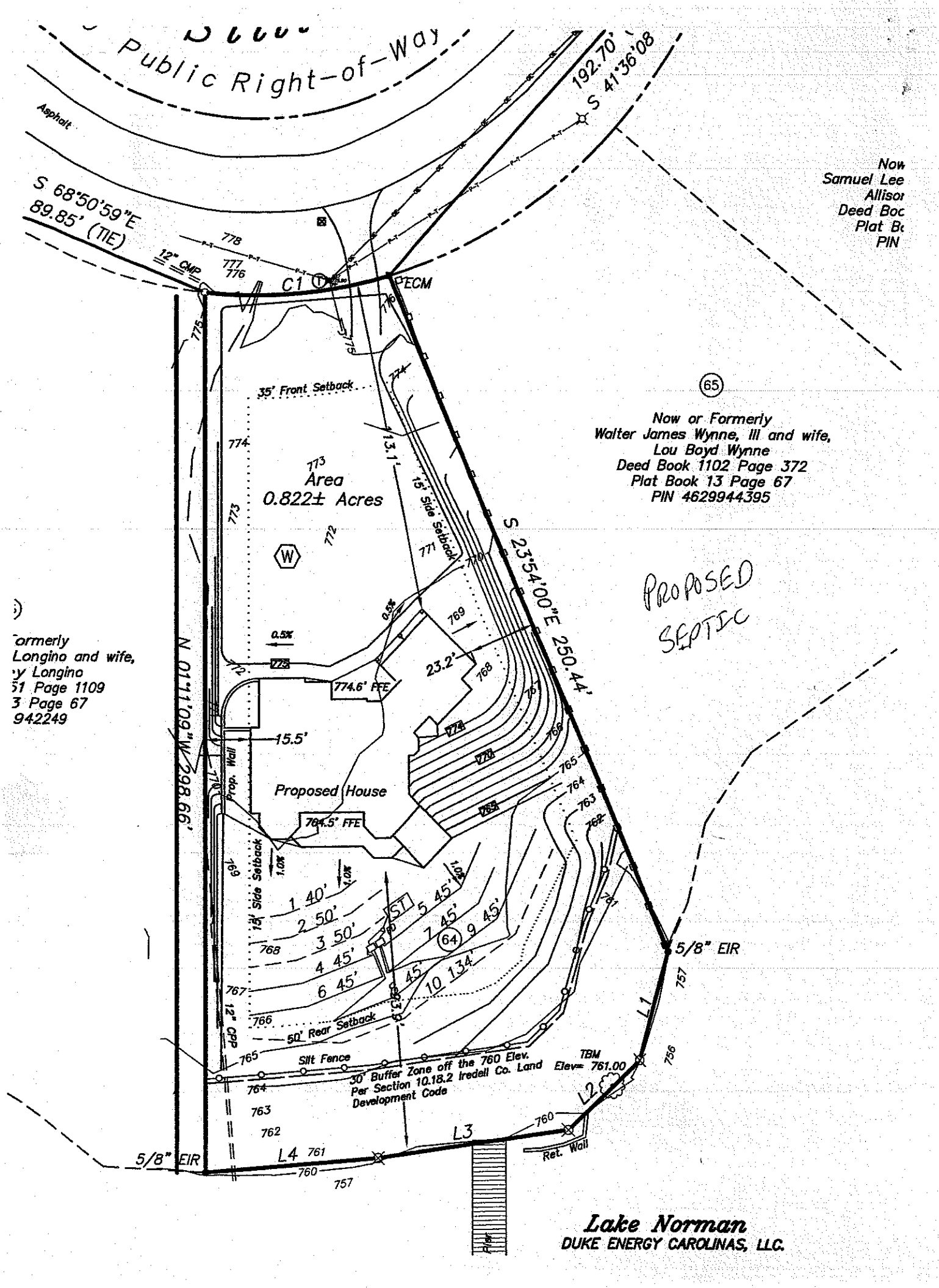
OWNER: Mr & Mrs. Parlier APPLICATION DATE: 9-24-11
ADDRESS: DATE EVALUATED: Aug. 2011
PROPOSED FACILITY: 4 Bedroom PROPOSED DESIGN FLOW (.1949): 480gpd PROPERTY SIZE:
LOCATION OF SITE: 491 Stillwater Dr. PROPERTY RECORDED:
WATER SUPPLY: ☐ Private ☐ Public *Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger 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
1	LS 2-4%	0-7	Br. SCL WSBK	FR. SS/SP	Comm. Mica Comm. to many sap incl.	42	PS		.5-.6
		7-31	Red Clay SBK	FR SS/SP					
		31-42	Red CL WSBK	FR SS/SP					
		42-60+	Ver. SL SAP MASS	VFR SS/SP					
2	LS 2-4% NEXT TO DECK	0-5	Br. SCL WSBK	FR SS/SP	Few to comm.. sap Incl. Clay loam incl.	48	PS		.5-.6
		5-36	Red Clay SBK	FR SS/SP					
		36-48	Red CL WSBK	FR SS/SP					
		48-96	Ver. SL SAP MASS	VFR SS/SP					
3	LS 4-5%	0-7	Br. SCL Gr.	VFR SS/SP	Mica Comm. to many sap Incl.	48	PS		.5-.6
		7-29	Red Clay SBK	FR SS/SP					
		29-48	Red CL WSBK	FR SS/SP					
		48-68	Ver. SL SAP MASS	VFR SS/SP					
		68-96	Ver. LS SAP MASS	VFR SS/SP					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	Refer to plan	Refer to plan
System Type(s)	Gr. PPBPS	Pre-treat PPBPS

OTHER FACTORS (.1946): Site to be cut approx. 4' (refer to grading plan)

SITE CLASSIFICATION (.1948): PS


Public Right-of-Way
Asphalt
S 68°50'59"E
89.85' (TIE)
12" CMP
192.70'
S 41°36'08
Now
Samuel Lee
Allison
Deed Boc
Plat Bo
PIN
C1
ECM
35' Front Setback
Area
0.822± Acres
15' Side Setback
S 23°54'00"E 250.44'
(65)
Now or Formerly
Walter James Wynne, III and wife,
Lou Boyd Wynne
Deed Book 1102 Page 372
Plat Book 13 Page 67
PIN 4629944395
PROPOSED
SEPTIC
ormerly
Longino and wife,
y Longino
51 Page 1109
3 Page 67
942249
N 01°11'09"W 298.66'
15.5'
Wall Prop.
Proposed House
774.6' FFE
764.5' FFE
23.2'
13.1'
0.5%
1.0%
1 40'
2 50'
3 50'
4 45'
5 45'
6 45'
7 45'
9 45'
10 134'
ST
(64)
50' Rear Setback
12" CPP
Silt Fence
30' Buffer Zone off the 760 Elev.
Per Section 10.18.2 Iredell Co. Land
Development Code
TBM
Elev= 761.00
5/8" EIR
L1
L2
L3
L4
Ret. Wall
Lake Norman
DUKE ENERGY CAROLINAS, LLC.