Department of Environment, Health and Natu[illegible] sources
Division of Environmental Health
On-Site Wastewater Section

Sheet:
Property ID
Lot #:
File #:
Code:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Applicant:
Address: Date Evaluated: 9/8/17
Proposed Facility: 4 BDRMS Design Flow (.1949): 480 gpd Property Size:
Location of Site: Property Recorded:
Water Supply: ☒ Public ☐ Individual ☐ 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 (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	5-7 LS	0-13	G SL	VFR NO/NP					
		13-35	SBK SCL	FR SO/SP					PS .4
			HARD ROCK CSE 35"						
2		0-12	G SL	VFR NS/NP					
		12-34	SBK SCL	FR SS/SP					PS .4

Description	Initial System	Repair System
Available Space (.1945)	✓	✓
System Type(s)	25% RED	
Site LTAR	.4	.4

Other Factors (.1946):
Site Classification (.1948): PS
Evaluated By: OK
Others Present:

FILE #

COMMENTS: ____'

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8		
S-SHOULDER SLOPE		LS-LOAMY SAND		VFR-VERY FRIABLE	NS-NON-STICKY
L-LINEAR SLOPE				FR-FRIABLE	SS-SLIGHTY STICKY
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM	S-STICKY
N-NOSE SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
H-HEAD SLOPE				EFI-EXTREMELY FIRM	NP-NON-PLASTIC
CC-CONCLAVE SLOPE	III	SI-SILT	0.6 - 0.3		SP-SLIGHTLY STICKY
CV-CONVEX SLOPE		SIL-SILT LOAM			P-PLASTIC
T-TERRACE		CL-CLAY LOAM			VP-VERY PLASTIC
FP-FLOOD PLAN		SCL-SANDY CLAY LOAM			
	IV	SIC-SILTY CLAY	0.4 - 0.1		
		C-CLAY			
		SC-SANDY CLAY			

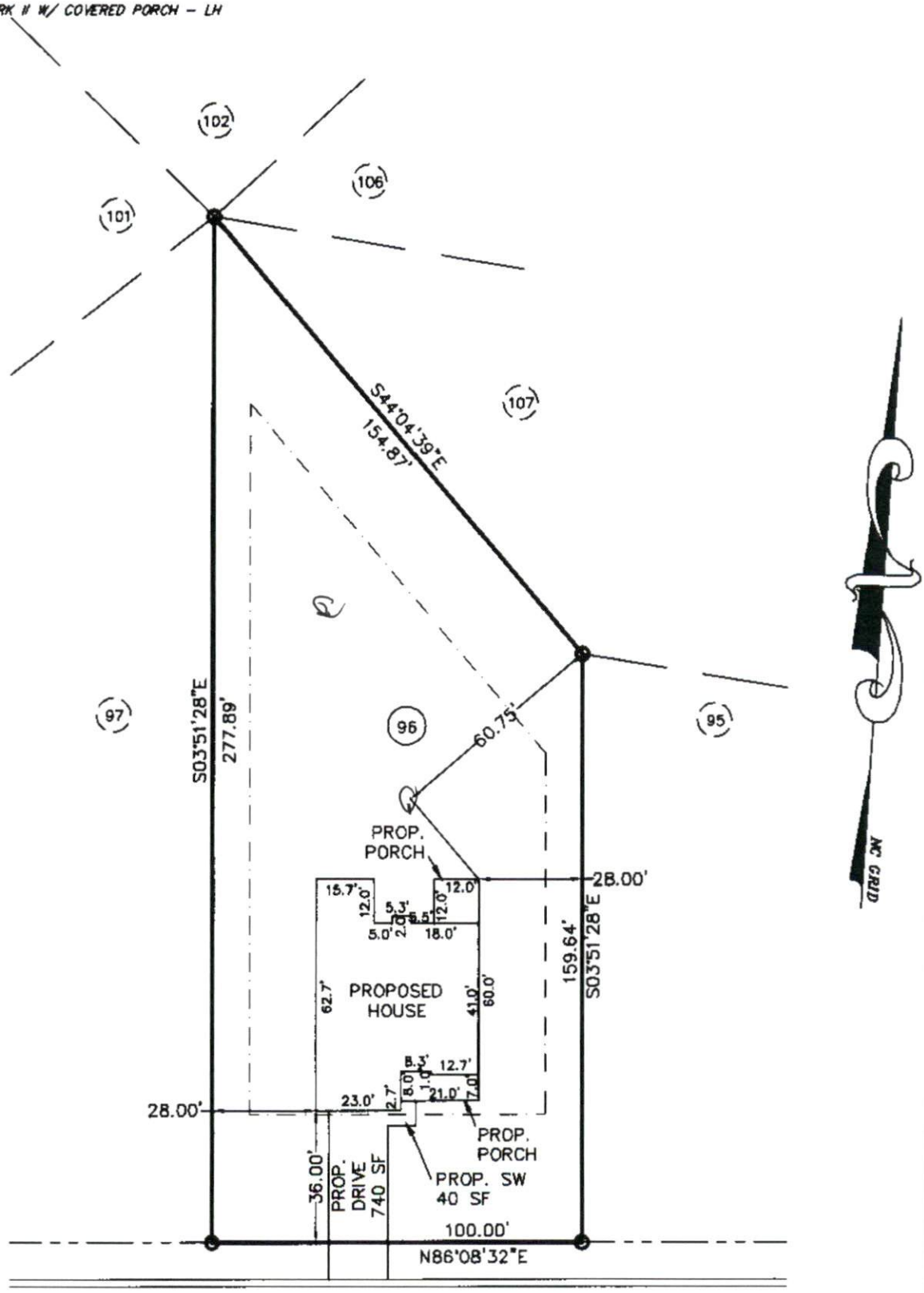
STRUCTURE
SG-SINGLE GRAIN
M- MASSIVE
CR-CRUMB
GR-GRANULAR
SBK-SUBANGULAR BLOCKY
ABK-ANGULAR BLOCKY
PL-PLATY
PR-PRISMATIC

MINERALOGY
SLIGHTLY EXPANSIVE

EXPANSIVE

Show profile locations and other site features (dimensions, references or benchmark, and North)

HOUSE PLAN: CLARK II W/ COVERED PORCH – LH



COUNTRYSIDE DRIVE (50' R/W)

PRIVATE & UTILITY ACCESS (30' BC–BC)

PLOT PLAN

SUBDIVISION: OAKMONT SUBDIVISION

NORTH CAROLINA PROFESSIONAL

SOUTHEASTERN SOIL & ENVIRONMENTAL ASSOC., INC.

PROPOSED SUBSURFACE WASTE DISPOSAL SYSTEM DETAIL SHEET

SUBDIVISION OAKMONT

LOT 96

INITIAL SYSTEM APPROVED 25% REDUCTION

REPAIR APPROVED 25% REDUCTION

DISTRIBUTION D-BOX

DISTRIBUTION TBD

BENCHMARK 100.0

LOCATION PT ON LINE

NO. BEDROOMS 4

PROPOSED LTAR 0.4 GPD/FT²

LINE	FLAG COLOR	ELEVATION	LENGTH (FT)
1	P	99.25	75'
2	O	98.50	75'
3	P	97.75	75'
4	O	96.92	75'
			300'

Initial

BY M. EAKER

DATE 11/2013

TYPICAL PROFILE

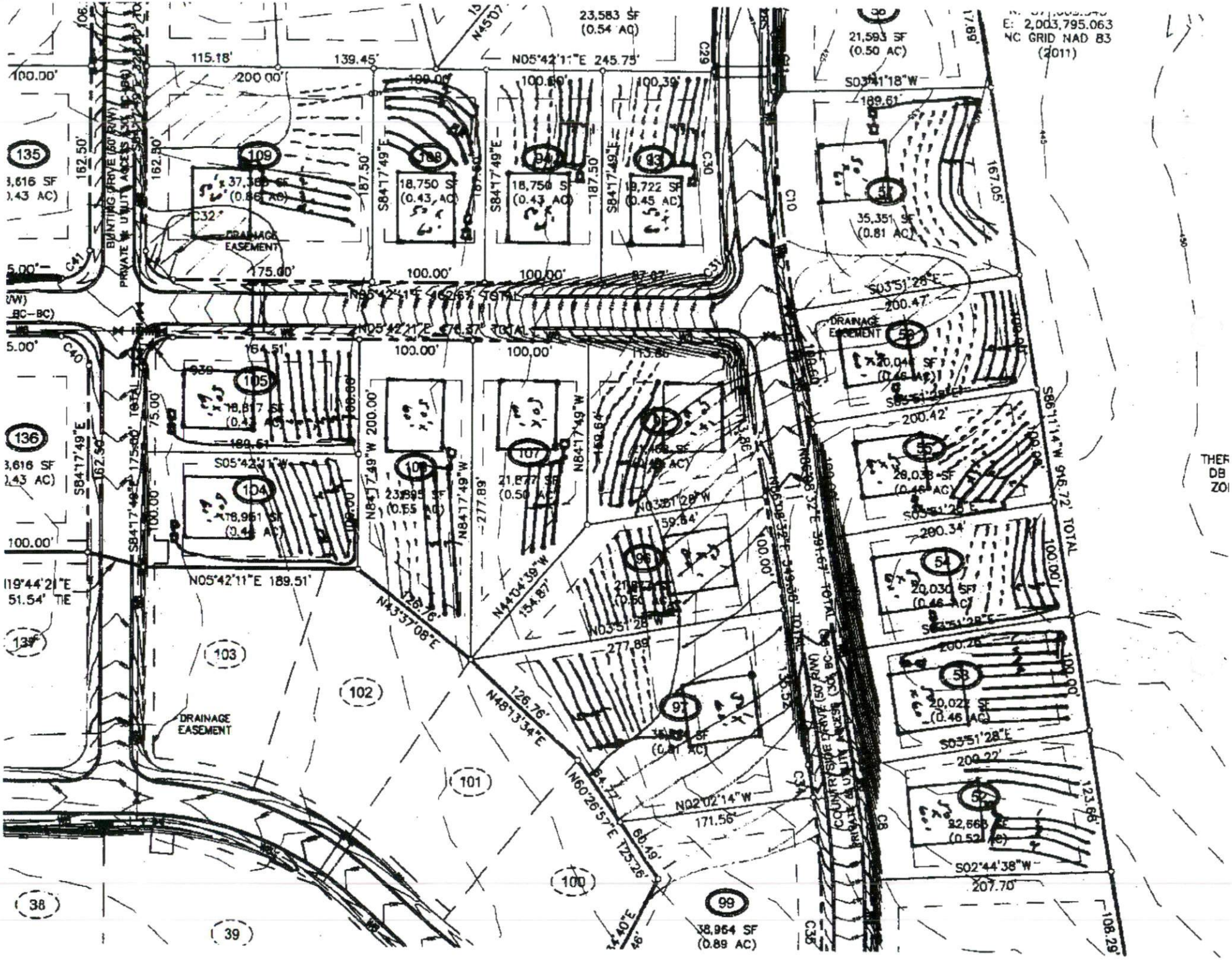
0-10 LS (VFr, ngr)

10-30 SCL (Fr/Fi, sbk)

cr 2 > 30"

INSTALL AT 18"

DO NOT GRADE LOT PRIOR TO OBTAINING HEALTH DEPT. PERMIT


23,583 SF
(0.54 AC)
21,593 SF
(0.50 AC)
E: 2,003,795.063
NC GRID NAD 83
(2011)
N05°42'11"E 245.75'
115.18'
139.45'
200.00'
100.00'
100.39'
S03°51'18"W
189.61'
167.05'
135
3,616 SF
(0.43 AC)
109
37,389 SF
(0.86 AC)
108
18,750 SF
(0.43 AC)
106
18,750 SF
(0.43 AC)
93
19,722 SF
(0.45 AC)
51
35,351 SF
(0.81 AC)
BUNTING DRIVE (60' R/W)
PRIVATE 16' UTILITY ACCESS EASEMENT
DRAINAGE EASEMENT
162.50'
162.80'
187.50'
S84°17'49"E
175.00'
100.00'
N05°42'11"E 462.67' TOTAL
N05°42'11"E 476.57' TOTAL
S03°51'28"E
200.47'
DRAINAGE EASEMENT
52
20,044 SF
(0.46 AC)
136
3,616 SF
(0.43 AC)
105
18,817 SF
(0.43 AC)
104
18,961 SF
(0.43 AC)
S05°42'11"W
189.61'
N05°42'11"E 189.51'
S84°17'49"E
175.00'
162.50'
75.00'
N84°17'49"W 200.00'
106
23,895 SF
(0.55 AC)
107
21,877 SF
(0.50 AC)
N84°17'49"W
277.89'
N84°17'49"W
159.64'
95
21,468 SF
(0.49 AC)
N03°51'28"W
59.64'
96
21,897 SF
(0.50 AC)
N03°51'28"W
277.89'
97
35,[illegible] SF
(0.81 AC)
N02°02'14"W
171.56'
99
38,964 SF
(0.89 AC)
S86°11'14"W 916.72' TOTAL
200.42'
55
28,033 SF
(0.46 AC)
200.34'
54
20,030 SF
(0.46 AC)
200.26'
53
20,022 SF
(0.46 AC)
S03°51'28"E
200.22'
52
22,568 SF
(0.52 AC)
S02°44'38"W
207.70'
108.29'
123.68'
N06°08'32"E 391.67' TOTAL
N06°08'32"E 349.38' TOTAL
COUNTRYSIDE ESTATES
PRIVATE 16' UTILITY ACCESS EASEMENT
(60' R/W)
C8
C10
C29
C30
C31
C32
C34
C35
C40
C41
N43°37'08"E
126.76'
N48°13'34"E
126.76'
N60°26'57"E 125.26'
60.49'
N44°04'39"W
154.87'
DRAINAGE EASEMENT
103
102
101
100
38
39
THER
DB
ZO