Department of Environment, Health and Natu esources
Division of Environmental Health
On-Site Wastewater Section

Sheet:
Property I
Lot #:
File #:
Code:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Applicant:
Address: Date Evaluated: 6/30/17
Proposed Facility: 4 BORM Design Flow (.1949): 480gpd 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	LS 7-10	0-48	G S	VFR NS/NP					S .8
2		0-48	G S	VFR NS/NP					S .8

Description	Initial System	Repair System
Available Space (.1945)	✓	✓
System Type(s)	Pump	25%
Site LTAR	.8	.4

Other Factors (.1946):
Site Classification (.1948): S
Evaluated By: OY
Others Present: —

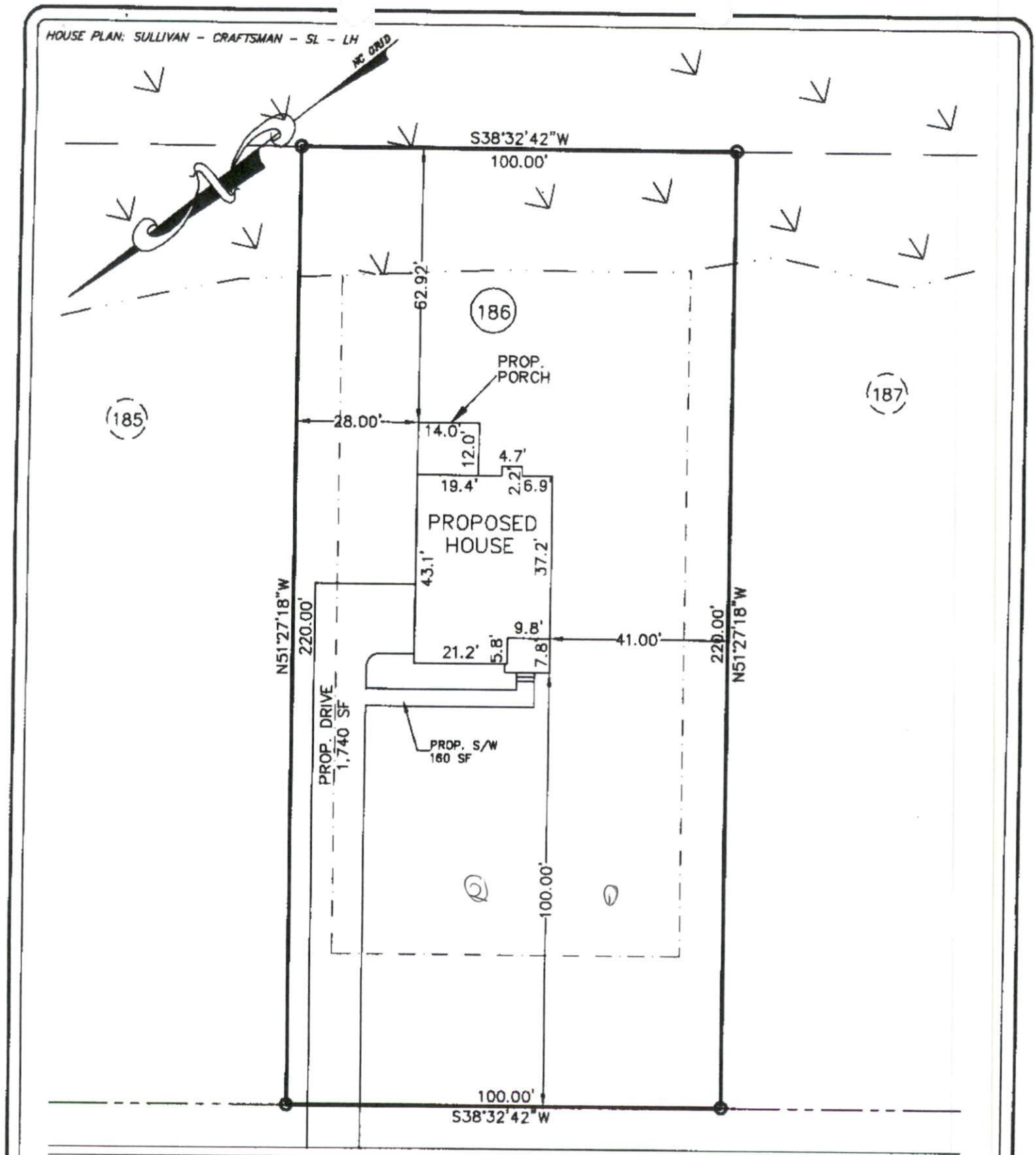
FILE #

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

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



HEATHERWOOD DRIVE (50' R/W)

PRIVATE & UTILITY ACCESS (30' BC–BC)

PLOT PLAN

NORTH CAROLINA PROFESSIONAL

LIMERICK LANE
(PRIVATE & UTILITY ACCESS)
50' R/W (30' BC-BC)
(PRIVATE & UTILIT
50' R/W (30'
LOC
DIV
AXLE
1" EIP
5/8" ERB
1/2" ERB
1" EIR
153
184
185
186
187
188
189
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182
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204
203
202

SOUTHEASTERN SOIL & ENVIRONMENTAL ASSOC., INC.

PROPOSED SUBSURFACE WASTE DISPOSAL SYSTEM DETAIL SHEET

SUBDIVISION: OAKMONT

LOT 186

INITIAL SYSTEM: APPROVED 25% RECUCTION pump to

REPAIR APPROVED 25% REDUCTION pump to

DISTRIBUTION: D-Box

DISTRIBUTION D-Box

BENCHMARK: 100.0

LOCATION PT ON LINE 186/187

NO. BEDROOMS: 4

LTAR 0.8 GPD/FT L

LINE	FLAG COLOR	ELEVATION	LENGTH
1	O	99.75	50'
2	B	99.17	50'
3	O	98.58	50'
			150'
4	B	97.84	50'
5	O	97.25	50'
6	B	96.92	50'
			150'

Initial system

BY M EAKER

DATE 03/2015

TYPICAL PROFILE

0-48 S/L (VFr wgr)

cr 2 /pm > 48"

INSTALL AT 18-22"

THERE SHALL BE NO GRADING, CUTTING, LOGGING OR OTHER SOIL DISTURBANCE IN SEPTIC AREA