

CHATHAM COUNTY HEALTH DEPARTMENT ENVIRONMENTAL HEALTH DIVISION

80 East Street ▪ P. O. Box 130 ▪ Pittsboro, NC 27312-0130
Phone (919) 542-8208 ▪ Fax (919) 542-8288

OFFICE USE ONLY

TPN _____

Permit No. _____

Date _____

EHS _____

System Type _____

Improvement Permit for Wastewater Systems ARTICLE II-CHAPTER 130A OF THE NC GENERAL STATUTES

NEW REPAIR EXPANSION REVISED

An Improvement Permit is issued to Selinco Ltd for
a 2.7 acre site located Deer Mountain Lot 3
in Chatham County. It is specifically issued for the following facility:

Facility: Residential () Non-Residential ()
 No. Bedrooms 4 No. Residents/Employees 8 max
 Type Wastewater: Residential () Commercial ()
 Initial System Type: I () II () III () IV () V () VI ()
 Description _____

Type System: Shallow Conventional () LPP ()
 Other Pump to Accepted 25% Reduction
 Design Flow 480 EGPLD Application Rate .3 GPD/ft²
 Size Tank(s) w/Risers and Effluent Filter ST 1000 Gal PT 1000 Gal
 Nitrification Line (Length/Width/Max Depth) 400' x 3' x 12"
6' cover required over system area

(On contour in approved septic area; sch. 40 PVC required over step-downs)
 Repair System Type: I () II () III () IV () V () VI ()
 Description Pump to Accepted 25% Reduction
 Special Conditions _____

A plat with site plan showing specific location of the facility, the site for the proposed wastewater system, existing buildings, property lines, water supplies, surface waters, the conditions for any site modifications; and any other information required by the department must be attached to be valid.
 Septic tank riser 6" above grade required over outlet access port as a visible marker for the septic tank.
 Solid PVC with elbows must be used to construct conveyance over dams or stepdowns.

This permit is valid [] without expiration [] for five years but is subject to revocation if the site is altered, soil disturbed, set-backs violated, or the plans of intended use are changed.
 The Improvement Permit shall not be affected by change in ownership.

THIS IS NOT AUTHORIZATION TO INSTALL. An authorization for Wastewater Construction must be obtained from this department before installation.

Issued by *Jeri Ritter* PS
 Environmental Health Specialist

N.C. Registration Number 1991
 Date 2-7-08

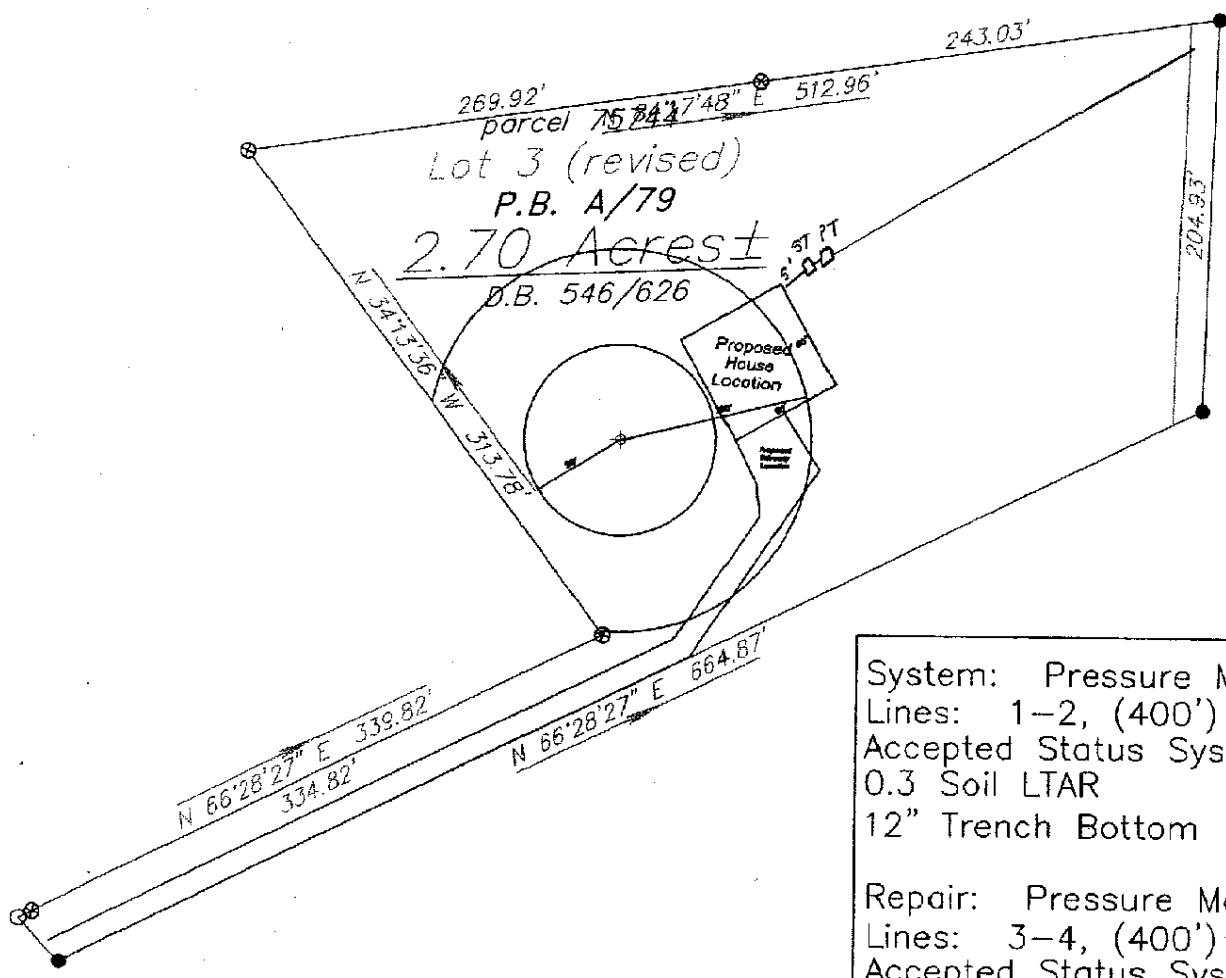
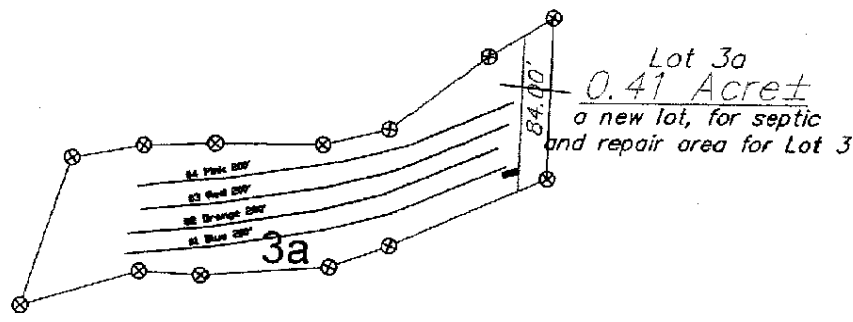
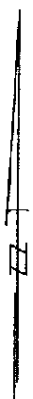
Name Deer Mountain Lot 3
911 Address

Selinco, LTD
Deer Mountain Subdivision Lot 3A
 4-Bedroom Home (480 gal./day)

<u>LINE #</u>	<u>COLOR</u>	<u>BS</u>	<u>HI</u>	<u>FS</u>	<u>ELEVATION</u>	<u>LINE LENGTH</u>	<u>Design Length</u>
TBM		0.0		100.0		<u>in field</u>	<u>installation</u>
INST. 1			100.0				
1	Blue			3.2	96.8	258	200
2	Orange			4.6	95.4	258	200
3	Red			6	94	225	200
4	Pink			7.9	92.1	235	200
Total						976	800

System Type	<u>System</u>	<u>Repair</u>
	Lines 1-2	Lines 3-4
	Accepted Status System	Accepted Status System
	EZ-FLOW	EZ-FLOW
Suggested Soil LTAR (gal/day/ft2)	0.300	0.3
System Installation LTAR	0.300	0.3
Total Line Length	400	400
Square Footage	1200	1200
Proposed Trench Bottom	12"	12"
Distribution Method	Pressure Manifold	Pressure Manifold
Notes:		

Deer Mountain, Lot 3 Selinco LTD 4-Bedroom Septic System Layout



System: Pressure Manifold
Lines: 1-2, (400')
Accepted Status System
0.3 Soil LTAR
12" Trench Bottom

Repair: Pressure Manifold
Lines: 3-4, (400')
Accepted Status System
0.3 Soil LTAR
12" Trench Bottom

GRAPHIC SCALE
1" = 100'



Central Carolina
Soil Consulting
919-784-9449
Project # 331