Department of Environment, Health and Natural Resources
Division of Environmental Health
On-Site Wastewater Section

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

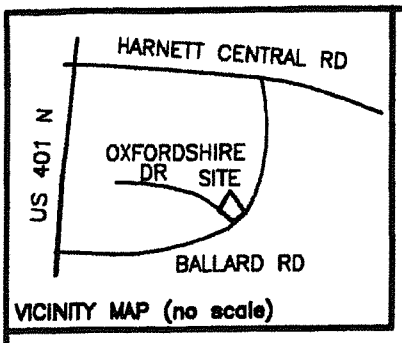
SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Applicant:
Address: Date Evaluated: 4-30-14
Proposed Facility: SFD Design Flow (.1949): 360 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	L 3%	0-20	SL	FR GR NSNP					
		20-42	SC-CLAY	FRM/SBK S.P	36" 7.5YR 5/2				-3
2	L 3%	0-18	SL	FR GR NSNP					
		18-40	SC-CLAY	FRM/SBK S.P	34" 7.5YR 5/2				.3
3	L 3%	0-20	SL	FR GR NSNP					
		20-42	SCL	FRM/SBK S.P.	36" 7.5YR 5/2				.3
4	0-1%	SL	FR GR NSNP	—	ROCKS AT 18				
5	0-1%	SL	FR GR NSNP						
					ROCKS @ 12-18"				

Description	Initial System	Repair System
Available Space (.1945)		/
System Type(s)	25%	Mound
Site LTAR	.3	.3

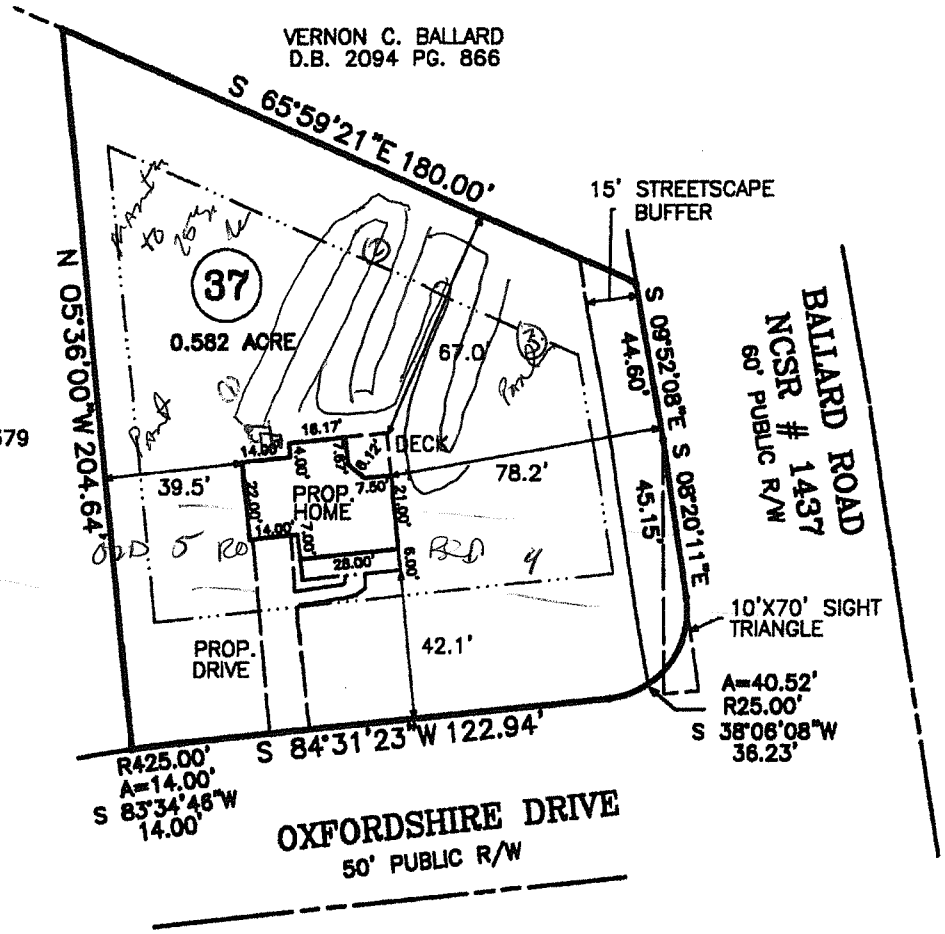
Other Factors (.1946):
Site Classification (.1948): PS
Evaluated By:
Others Present:



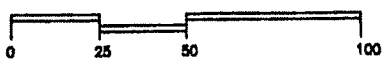
NOTES
AREA BY COORDINATES
THIS LOT IS NOT LOCATED IN A FEMA MAPPED FLOOD HAZARD AREA. FEMA MAP # 3720064200J; ZONE X; EFF. DATE 10/3/06.

SETBACKS
FRONT – 35'
SIDE – 10'
REAR – 25'
CORNER SIDE – 20'

IMPERVIOUS AREA CALCULATION
ALLOWABLE IMPERVIOUS – 36 %
HOUSE AREA – 1,261 SQ. FT.
DRIVE/WALK AREA – 669 SQ. FT.
TOTAL PROPOSED – 1,930 SQ. FT.
1930/25351 = 0.761X100= 7.61 %



PROPOSED PLAN FOR
STANCIL BUILDERS, INC.
LOT 37 HADDEN POINTE – PHASE I
MAP # 2010-279-380
18 OXFORDSHIRE WAY
FUQUAY-VARINA, NC
PIN # 0652-45-7800.000
HECTOR'S CREEK TOWNSHIP
HARNETT COUNTY – NORTH CAROLINA
SCALE : 1" = 50' – MARCH 8, 2010



I, BENTON W. DEWAR CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY ... N/A

Southeastern Soil & Environmental Associates, Inc.

P.O. Box 9321
Fayetteville, NC 28311
Phone/Fax (910) 822-4540
Email mike@southeasternsoil.com

September 22, 2008
April 26, 2010 (revision for phase 1)

Harnett County Health Department
307 Cornelius Harnett Blvd
Lillington, N.C. 27546

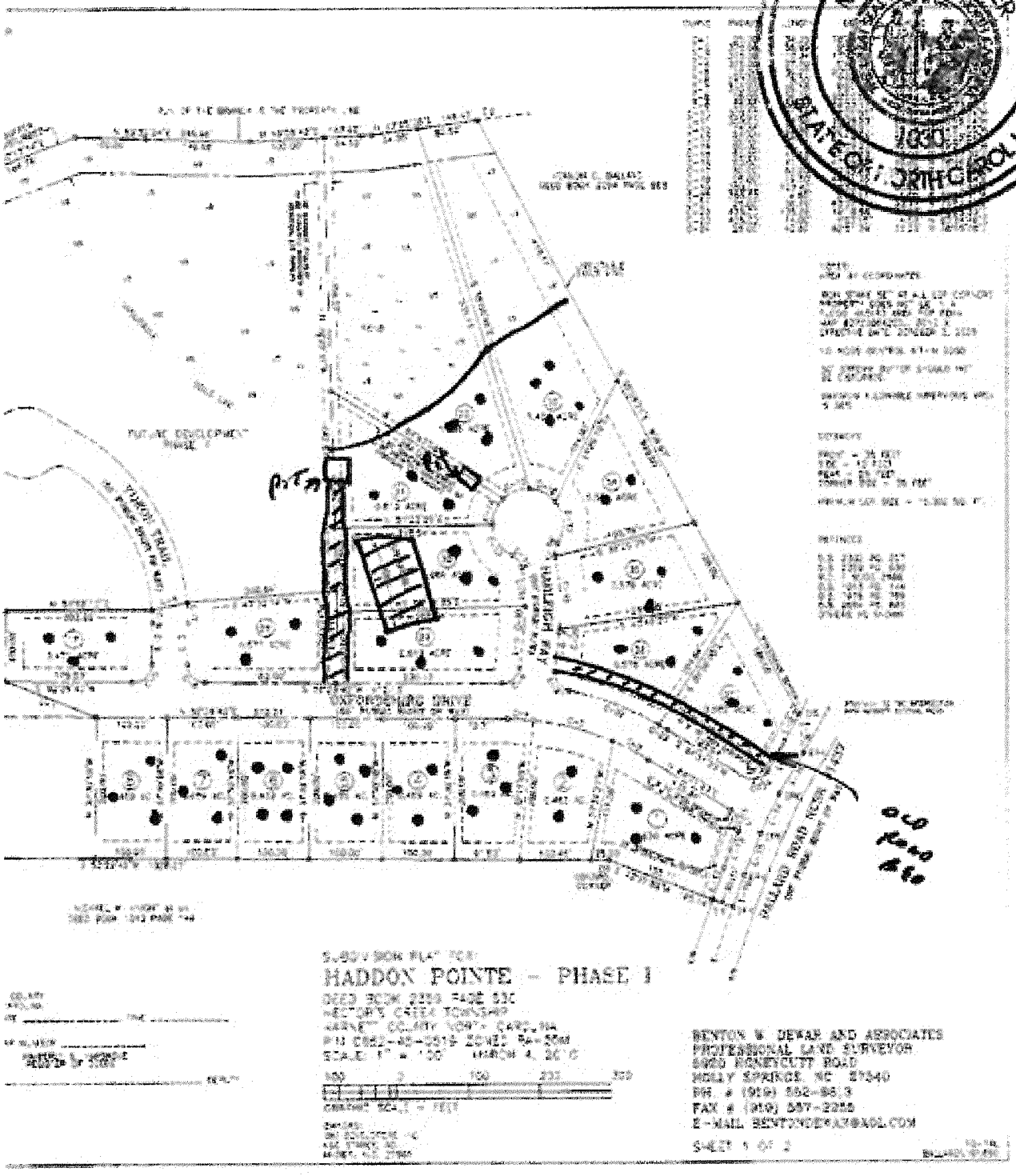
Re: Soil evaluations and final septic recommendations, Lots 1 - 8, 17 & 28 - 37, Haddon Pointe Subdivision (Phase 1), NCSR 1437, Harnett County, North Carolina

To whom it may concern,

A preliminary soils investigation has been completed for each of the above referenced lots. The property is located on NCSR 1437 as shown on the accompanying map. The purpose of the investigation was to determine the ability of the soil to support any subsurface waste disposal system for each proposed lot. All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal, 15A NCAC 18A .1900".

Each lot appears to contain at least one area that meets minimum criteria for subsurface waste disposal systems for at least a typical (40' x 60') 3 bedroom home (may include the use of conventional drainlines, gravelless drainlines, low pressure pipe, pumps, fill, large diameter pipe, french drains, pretreatment, drip irrigation, etc.). Soil characteristics in the usable areas were dominantly provisionally suitable to at least 18 inches (fill, drip irrigation and/or pretreatment) or 24 inches (conventional or LPP) including .1940, .1941, .1942, .1943, .1944 and .1945. A soil map indicating typical soil areas that meet these criteria is enclosed. Each of the lots appears to contain sufficient available space for a repair area for at least a typical 3 bedroom home (may include the use of any of the systems mentioned above). **[Note: Any of lots 31 or 32 may be considered temporarily unsuitable until the sediment pit is removed (filled in). While in place, there is a 50 foot setback requirement from all septic components. Once the pit is removed, the lots should be usable under the rules previously mentioned in this paragraph.]**

Any or all lots may require specific design/layout on our part prior to action by the local health department due to space and soil considerations (at separate cost to client). Alternative systems (mentioned above) could be required on any lot to



= PS Soil for septic

= Unsuitable Soil