

**SOIL/SITE EVALUATION  
 for ON-SITE WASTEWATER SYSTEM**

Owner:                      Applicant:  
 Address:  
 Proposed Facility: *SFD*                      Date Evaluated: *1-17-12*  
 Location of Site: *Core City*                      Design Flow (.1949): *360*  
 Water Supply:                      Property Recorded:  
 Evaluation Method:  Auger Boring     Public     Individual     Well     Spring     Other  
 Type of Wastewater:     Sewage     Pit     Industrial Process     Cut     Mixed

P R O F I L E #	.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	<i>L 5%</i>	<i>0-42</i>	<i>SL</i>	<i>FA 6 R NSWP</i>					
		<i>42-48</i>	<i>SCL</i>	<i>FA 15 G 5 S.P.</i>					<i>.55-</i>
2	<i>L 4%</i>	<i>0-12</i>	<i>SL</i>	<i>FA 6 R NSWP</i>					
		<i>12-36</i>	<i>SCL</i>	<i>FA 15 G 5 S.P.</i>	<i>32"</i>	<i>32"</i>	<i>32"</i>	<i>Ph</i>	<i>.35-</i>
3	<i>L 4%</i>	<i>0-12</i>	<i>SL</i>	<i>FA 6 R NSWP</i>					
		<i>12-40</i>	<i>SCL</i>	<i>FA 15 G 5 S.P.</i>	<i>36"</i>	<i>36"</i>	<i>36"</i>	<i>Ph</i>	<i>.4</i>
4	<i>L</i>	<i>0-11</i>	<i>SL</i>	<i>FA 6 R NSWP</i>					
		<i>12-36</i>	<i>SCL</i>	<i>FA 15 G 5 S.P.</i>	<i>32"</i>	<i>32"</i>		<i>Ph</i> <i>32"</i>	<i>.35-</i>

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): Evaluated By: Others Present:
Available Space (.1945)			
System Type(s)	<i>252</i>	<i>22</i>	
Site LTAR	<i>.35</i>	<i>.35</i>	

COMMENTS: \_\_\_\_\_

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

STRUCTURE

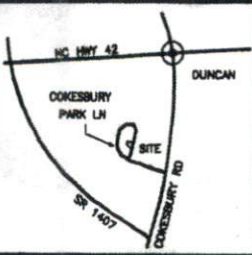
- SG-SINGLE GRAIN
- M- MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

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

A large grid for site mapping and profile locations. The grid is approximately 20 units wide and 25 units high. It is intended for drawing profile locations and other site features, including dimensions, references, benchmarks, and North orientation.



CURVE	RADIUS	LENGTH	DELTA	CHORD	CH.BEARING
C-1	175.00'	66.56'	21°47'26"	66.16'	S 50°47'36"W

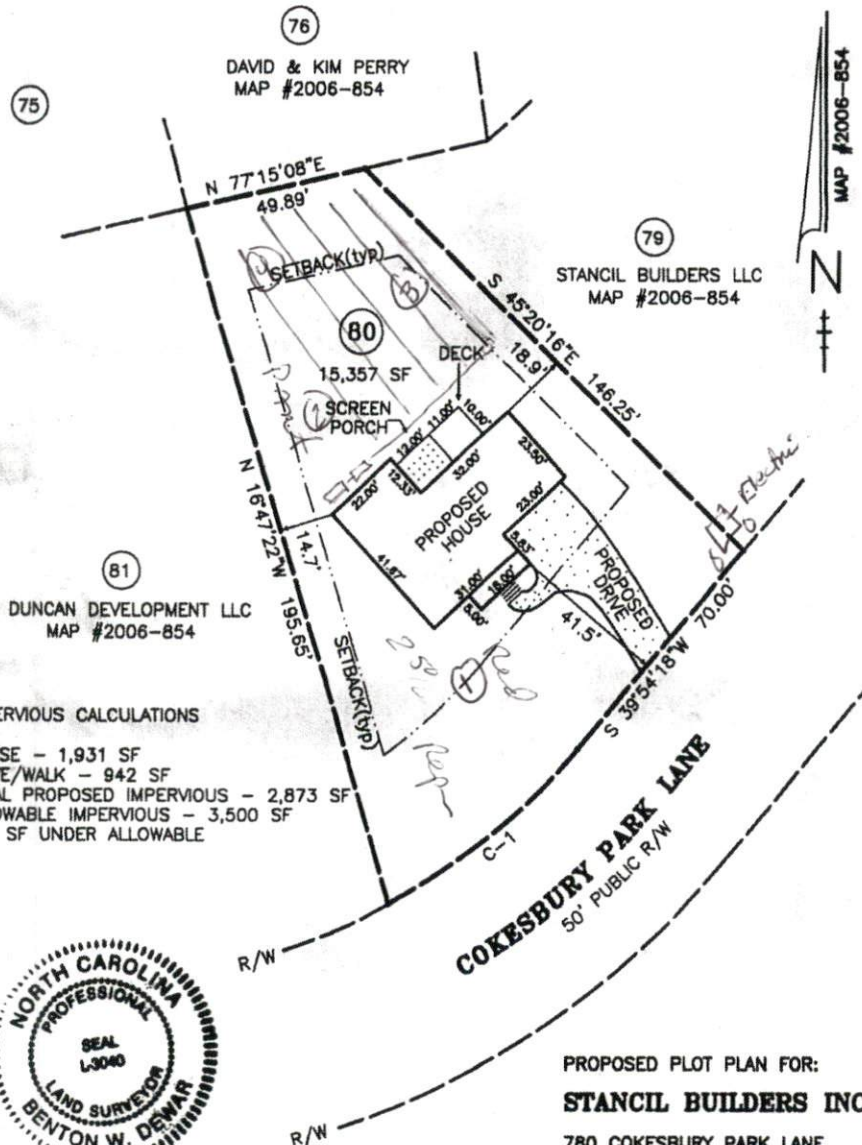
NOTES

AREA BY COORDINATES  
NOT AN ACTUAL SURVEY  
SF - SQUARE FEET  
R/W - RIGHT OF WAY  
D.B. - DEED BOOK

SETBACKS

FRONT - 35'  
SIDE - 10'  
REAR - 25'  
CORNER SIDE - 20'

VICINITY MAP NTS



76  
DAVID & KIM PERRY  
MAP #2006-854

79  
STANCIL BUILDERS LLC  
MAP #2006-854

81  
DUNCAN DEVELOPMENT LLC  
MAP #2006-854

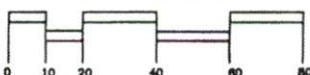
IMPERVIOUS CALCULATIONS

HOUSE - 1,931 SF  
DRIVE/WALK - 942 SF  
TOTAL PROPOSED IMPERVIOUS - 2,873 SF  
ALLOWABLE IMPERVIOUS - 3,500 SF  
627 SF UNDER ALLOWABLE

*1 x 240' wide .35*  
*24' to street*  
*18' to the rest*



PROPOSED PLOT PLAN FOR:  
**STANCIL BUILDERS INC.**  
780 COKESBURY PARK LANE  
LOT 80 COKESBURY PARK - PHASE 3  
MAP #2006-854  
DEED BOOK 2229 PAGE 131  
BUCKHORN TOWNSHIP  
HARNETT COUNTY - NORTH CAROLINA  
SCALE: 1" = 40' JANUARY 4, 2012  
PIN #0835-68-2919.000



BENTON DEWAR & ASSOCIATES  
PROFESSIONAL LAND SURVEYOR  
5920 HONEYCUTT ROAD  
HOLLY SPRINGS, NC 27540  
(919)-552-9813

I, BENTON W. DEWAR CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; THAT THE RATIO OF PRECISION IS 1: NA; THAT THE BOUNDARIES NOT SURVEYED ARE SHOWN AS BROKEN LINES PLOTTED FROM INFORMATION FOUND IN BOOK MAP 2006 PAGE 624; THAT THIS PLAT DOES NOT MEET SIZE REQUIREMENTS FOR RECORDING IN THE REGISTER OF DEEDS, PER G.S. 47-30 AS AMENDED. LICENCE NUMBER AND SEAL THIS 4<sup>th</sup> DAY OF JANUARY 2012.

*Benton W. Dewar*  
PROFESSIONAL LAND SURVEYOR L-3040

THIS PLAT IS OF A BOUNDARY SURVEY OF AN EXISTING PARCEL OF LAND THAT IS REGULATED BY A COUNTY OR MUNICIPALITY ORDINANCE THAT REGULATES PARCELS OF LAND.