

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

Owner: Applicant: *Dollin General*
 Address: *Retail* Date Evaluated:
 Proposed Facility: *Store* Design Flow (.1949): *300 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

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-34%</i>	0-20	<i>LM-SM</i>	<i>FA GARD NP</i>					
		20-30	<i>SAND</i>	<i>Fill made</i>					
		30-48	<i>SAND</i>	<i>Fill</i>	<i>looked AS</i>				<i>.55-</i>
2	<i>L-5%</i>	0-24	<i>SL</i>	<i>FA GARD NP</i>					
		24-42	<i>SL</i>	<i>FA GARD NP</i>	<i>32-34-</i>	<i>34-</i>		<i>PR</i>	<i>.4</i>
3	<i>L-5%</i>	0-24	<i>SL</i>	<i>FA GARD NP</i>					
		24-42	<i>SL</i>	<i>FA GARD NP</i>	<i>36"</i>	<i>36"</i>		<i>PR</i>	<i>.4</i>

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<i>/</i>	<i>/</i>	Site Classification (.1948): <i>PS</i>
System Type(s)	<i>252</i>	<i>252</i>	Evaluated By: <i>JG</i>
Site LTAR	<i>.4</i>	<i>.4</i>	Others Present:

Pittman Soil Consulting

PO Box 1387
Richlands, NC 28574
Phone; 910-330-2784
pittmansoil@yahoo.com

September 25, 2014

Mr. George Barnes
Vanguard Property Group
3900 Merton Drive
Suite 210
Raleigh, NC 27609

Dear Mr. Barnes:

The following is a summary of the soil profiles taken at the proposed Dollar General site located on NC Hwy 42 in Fuquay Varina, NC. The purpose of the evaluation was to determine the soil wetness condition and to determine the sites suitability for an onsite wastewater system. Field techniques outlined in the *North Carolina Laws and Rules for Sewage Treatment and Disposal Systems* were used to determine soil texture, structure, consistency and soil wetness condition.

Findings Dollar General Site

BORING 1		SHWT 60+"					
DEPTH	TEXTURE	STRUCTURE	MINERALOGY	MATRIX	MOTTLES	MOTTLES	KSAT "HR.
0-12"	SL	GR	NS. NE	2.5Y 4/3			.5-1"
12-20"	SL	GR	NS. NE	2.5Y 6/4			.5-1"
20-40"	SL	GR	NS. NE	2.5Y 6/3			.5-1"
40-60"	SCL	SBK	SS. SP	10YR 5/8			.1-.5"

BORING 2		SHWT 28"					
DEPTH	TEXTURE	STRUCTURE	MINERALOGY	MATRIX	MOTTLES	MOTTLES	KSAT "HR.
0-12"	SL	GR	NS. NE	2.5Y 4/3			.5-1"
12-24"	SL	GR	NS. NE	2.5Y 6/4			.5-1"
24-36"	SL	GR	NS. NE	2.5Y 6/3			.5-1"
40-60"	SCL	SBK	SS. SP	10YR 5/8			.1-.5"

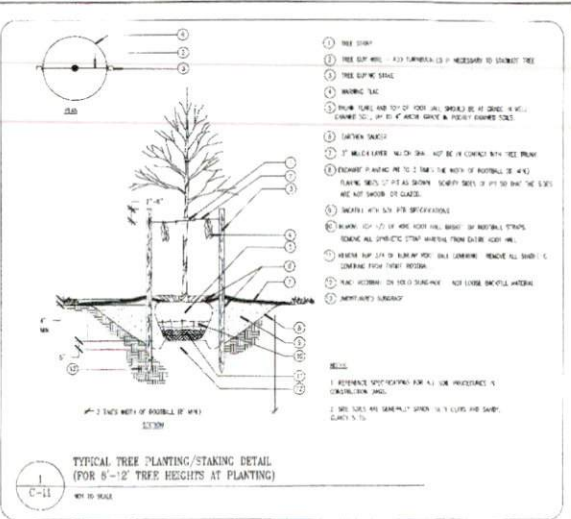
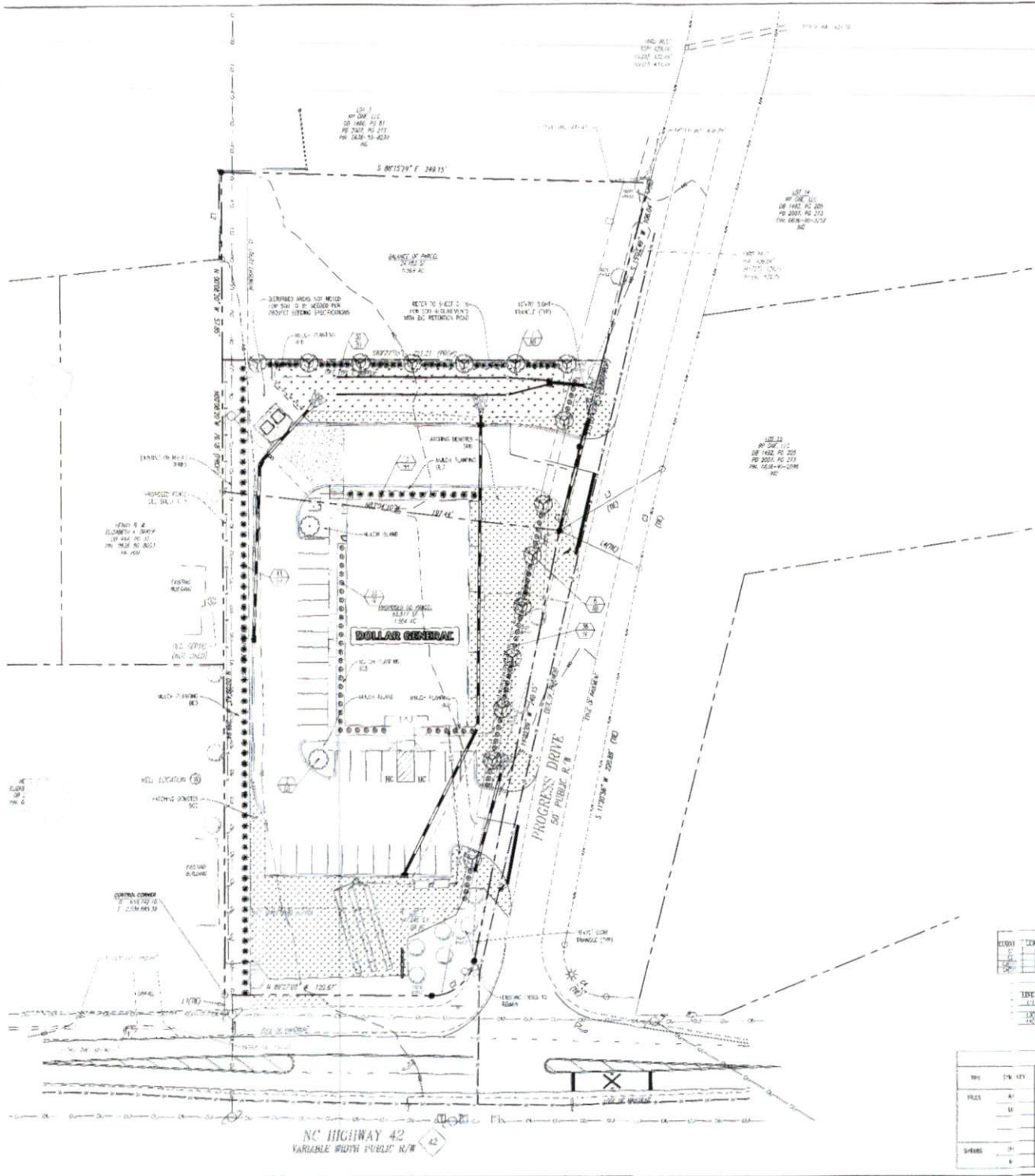
The soil wetness condition was determined by the indication of colors of chroma 2 or less utilizing a Munsell Soil color Chart at >2% of soil volume in mottles or matrix of a horizon or horizon subdivision. Soils found in this area were found to be suitable for a conventional onsite waste water system.

If you have any questions, please feel free to contact me at (910) 330-2784. Thank you.

Respectfully,

R. Haywood Pittman, LSS



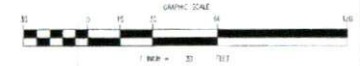


- ### GENERAL LANDSCAPE NOTES
1. ALL PLANTINGS SHALL BE SPECIFIED FOR LANDSCAPE PLANNING OR HARD COPY. NO OTHER PLANTING.
 2. NO TREE PLANTINGS ARE TO BE MADE WITHIN 10' OF THE DRIVE OR SIDEWALK.
 3. ALL TREE AND SHRUB PLANTINGS SHALL BE DONE IN THE FIELD AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
 4. ALL PLANTING SHALL BE INSTALLED WITH SPECIFIC CARE TO MAINTAIN THE EXISTING AND PROPOSED DRIVE AND SIDEWALK. ALL TREE PLANTINGS SHALL BE PLANTED IN A HOLE 2" DEEPER THAN THE TREE'S ROOT BALL.
 5. DRIVE COVERAGE TO EXTEND FROM PROPERTY LINES TO BACK OF CURB OR SIDEWALK PLANTING LINES.
 6. MINIMUM TREE HEIGHT AT PLANTING SHALL BE 8' FOR ALL TREE PLANTINGS. ALL TREE PLANTINGS SHALL BE PLANTED WITH A 2" DRAINAGE HOLE IN THE ROOT BALL.
 7. ALL PLANTING SHALL BE DONE WITHIN 10' OF THE DRIVE OR SIDEWALK. ALL TREE PLANTINGS SHALL BE PLANTED WITHIN 10' OF THE DRIVE OR SIDEWALK.
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- ### LANDSCAPING NOTES
1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR THE PLANTING OF TREES AND SHRUBS. ALL PERMITS SHALL BE OBTAINED PRIOR TO INSTALLATION.
 2. CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITIES AND STRUCTURES DURING ALL PLANTING OPERATIONS.
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STATION	LENGTH	WIDTH	HEIGHT	CHORD
1+00	100.00	10.00	10.00	100.00
2+00	200.00	20.00	20.00	200.00
3+00	300.00	30.00	30.00	300.00

LINE	LENGTH	WIDTH	HEIGHT
1+00	100.00	10.00	10.00
2+00	200.00	20.00	20.00
3+00	300.00	30.00	30.00



NO.	TRAFFIC	SCIENTIFIC NAME	COMMON NAME	HEIGHT	SPACING	DEPTH
1	A1	Red Maple	Red Maple	7'	6' Wx 6' D	24" MAX
2	A2	Star Magnolia	Star Magnolia	7'	6' Wx 6' D	24" MAX
3	B1	Sweet Gum	Sweet Gum	7'	6' Wx 6' D	24" MAX
4	B2	Star Magnolia	Star Magnolia	7'	6' Wx 6' D	24" MAX

TRIANGLE SITE DESIGN
4606 Somerset Drive
Suite 203
Raleigh, NC 27605
919-553-0570
triangle@trianglesitedesign.com
NC LICENSE # 1001

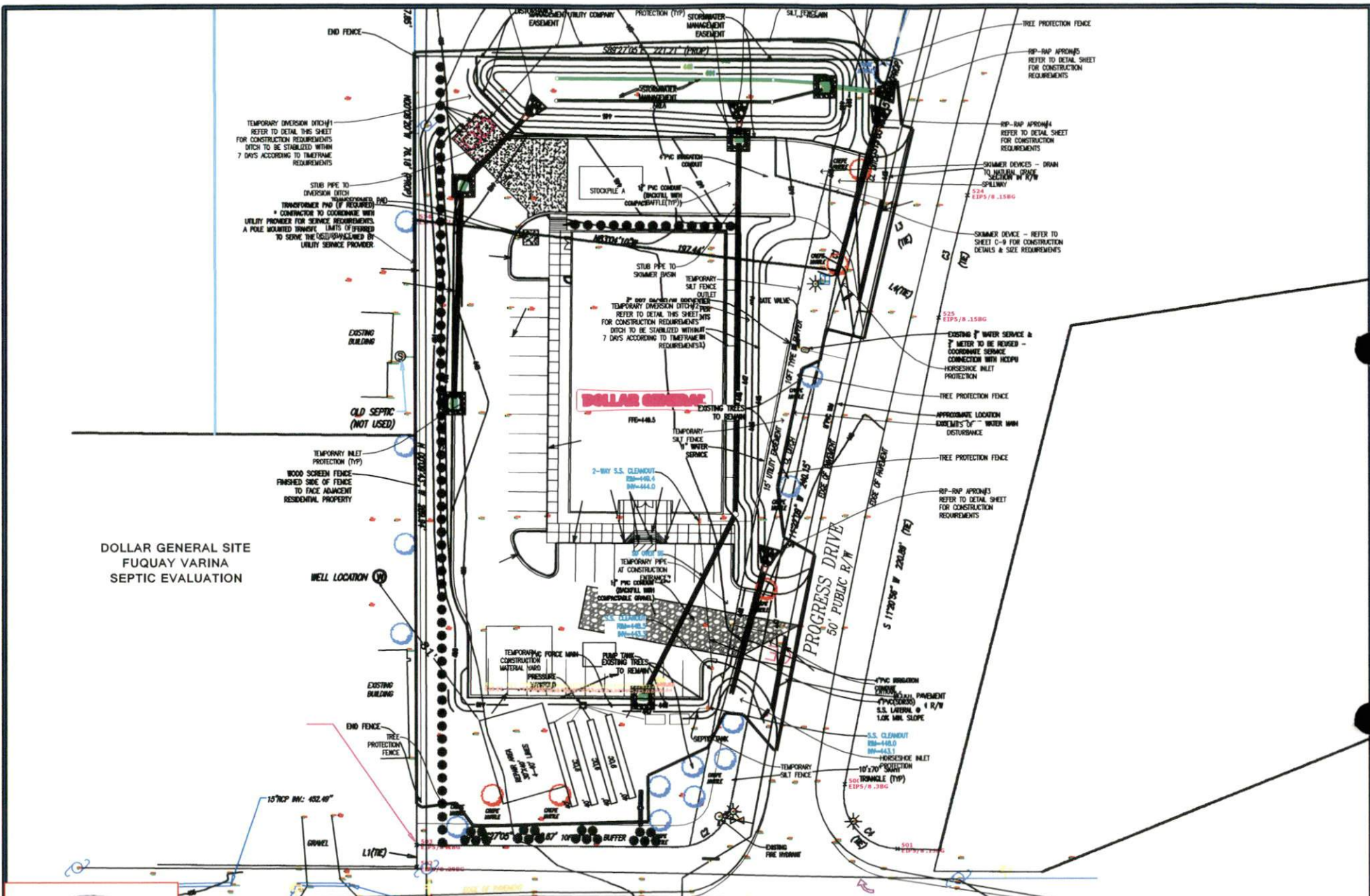
NC Highway 42
Raleigh, North Carolina
Hargett County

OWNER/DEVELOPER
GLANVILLE FOREST ESTATE LLC
3800 Westport Drive
Suite 200
Raleigh, NC 27609
919-550-2000
919-550-2004 fax
glafor@glanvilleforest.com

REVISIONS

LAYOUT COORD
PLANNING MGR
DRAWING BY
DATE
JOB NUMBER
TITLE

LANDSCAPE #
SHEET NUMBER
C-11
COMMENTS



DOLLAR GENERAL SITE
FUQUAY VARINA
SEPTIC EVALUATION



VANGUARD PROPERTIES	
DOLLAR GENERAL SITE FUQUAY VARINA SEPTIC EVALUATION	PITTMAN SOIL CONSULTING
1003 GREGORY FORK RD. RICHLANDS, NC 28574 PHONE-910.330.2784 FAX-910.324.3180	
DATE 5-13-15	SCALE 1"=60'

LEGEND	