

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

Owner: 07-500 1757

Applicant:

Address:

Date Evaluated: 5-21-07

Proposed Facility: BAH  
Location of Site: NCR24

Design Flow (.1949): 400

Property Size: 50 ac

Property Recorded: unk

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.)	1958 Saprot. Class	1944 Resist. Horiz.	
5 S	5%	0-24	GR JL	Vh s2					.5
		24-42	SOH JL	Vh s					
	S	0-24	GR JL	Vh s					.15
			24-42	SOH JL	Vh s				
			0-38	SOH JL	Vh s				.45
			38-4	SOH JL	Vh s				
			0-41	GR JL	Vh s2				.2
			0-24	GR JL	Vh s2				

Description	Initial System	Repair System
Available Space (.1945)	—	—
System Type(s)	25%	WPP
Site LTAR	45	.25

Other Factors (.1946): \_\_\_\_\_  
 Site Classification (.1948): FI  
 Evaluated By: gwr  
 Others Present:

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			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FR-FRIABLE	SS-SLIGHTLY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT-	0.6 - 0.3	FI-FIRM	S-STICKY
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE		CL-CLAY LOAM			
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1	VFI-VERY FIRM	VS-VERY STICKY
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			
		SICL-SILTY CLAY LOAM		EFI-EXTREMELY FIRM	NP-NON-PLASTIC
					SP-SLIGHTLY STICKY
					P-PLASTIC
					VP-VERY PLASTIC

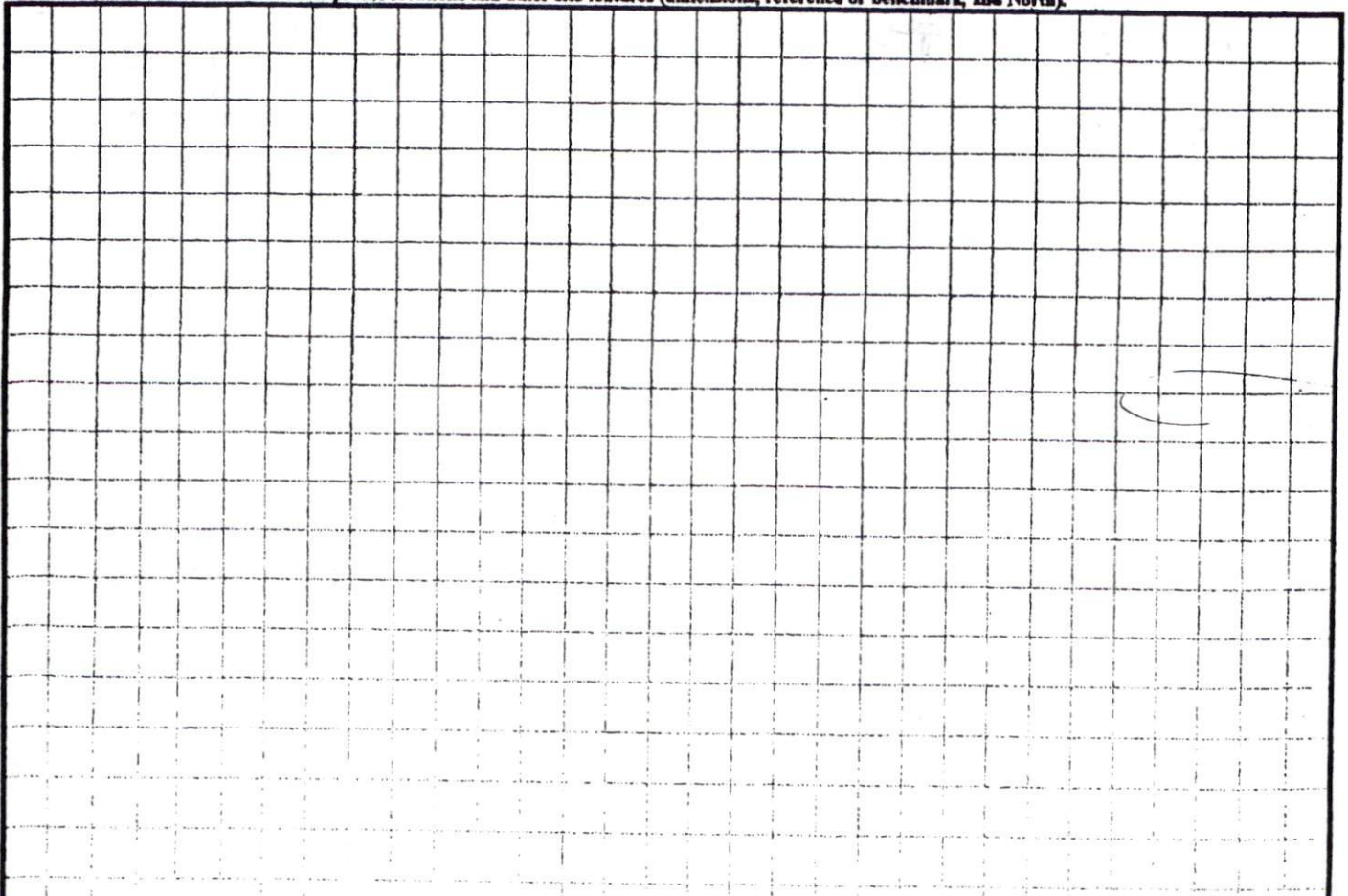
STRUCTURE

- 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, reference or benchmark, and North).



TYPICAL LOT SETBACKS  
NOT TO SCALE

GOLD FINCH CIRCLE  
50' PUBLIC R/W

RW

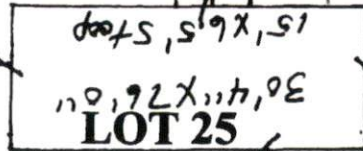
RW

SITE PLAN APPROVAL  
DISTRICT RA2C USE QUANT  
#BEDROOMS 5  
\$1510  
Zoning Administrator

N 37°02'51" W 165.15'

S 54°00'00" W 123.52'

S 37°02'51" E 201.98'



L.B. CLARKE  
PIN #9575-24-1061

**NOTE:**

BEING ALL OF LOT 25  
NATURES CROSSROADS-PHASE TWO  
MAP 2007, SLIDE 186

**LEGEND**

EIP EXISTING IRON PIPE  
SIP SET IRON PIPE  
R/W RIGHT OF WAY  
PP POWER POLE  
\* ELEVATIONS

I FURTHER CERTIFY THAT THIS PROPERTY  
(DOES NOT)  
LIE WITHIN A SPECIAL FLOOD HAZARD AREA  
AS DESIGNATED BY FIRM FLOOD INSURANCE

DATE: FEBRUARY 28, 2007

SURVEY FOR:

SCALE: 1" = 40'

PINE GROVE DEVELOPMENT CORP.

LOT #25

TOWNSHIP: JOHNSONVILLE

NATURES CROSSROADS, PHASE TWO

0.50 ACRES

HARNETT CO., NORTH CAROLINA

I, ROBERT J. BRACKEN CERTIFY THAT UNDER  
MY DIRECTION AND SUPERVISION THIS MAP WAS  
DRAWN FROM AN ACTUAL FIELD LAND SURVEY,  
THAT THE ERROR OF CLOSURE WAS CALCULATED  
BY LATITUDE AND DEPARTURE AND IS 1:10,000.

**alley, williams, carmen & king, inc.**  
**ENGINEERS & SURVEYORS**

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PROFESSIONAL LAND SUR R L-1373

Project: 06829