

$$3 \times 12.5 = 37.5 + 2 = 39.5 \approx 40$$

TDH

$$PH = 2$$

$$EH = 6' 10''$$

$$FH = 90'_{\text{OFFLINE}} = 3.03 \times 90 = 2.727$$

$$TDH = 2' + 6' 10'' + 2' 8'' = 11' 6''$$

40 gpm @ 11' 6''

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

Owner:

Applicant:

Address:

Date Evaluated:

Proposed Facility:

Design Flow (.1949):

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	L 2%	0-36	SL	LN CO N5W P	10				
2	L 2%	0-36	SL	LN CO N5W P	22				
3	L 2%	0-20	SL	LN CO N5W P	32'-30"				.35-.4
		20-48	SL	SL LN 1/2 SALS P					
4	L 2%								
5	L 2%	0-18	SL	LN CO N5W P	32				.36
		18-48	SL	SL LN 1/2 SALS P					

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)	25% LWD	CPP
Site LTAR	.35	.125

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

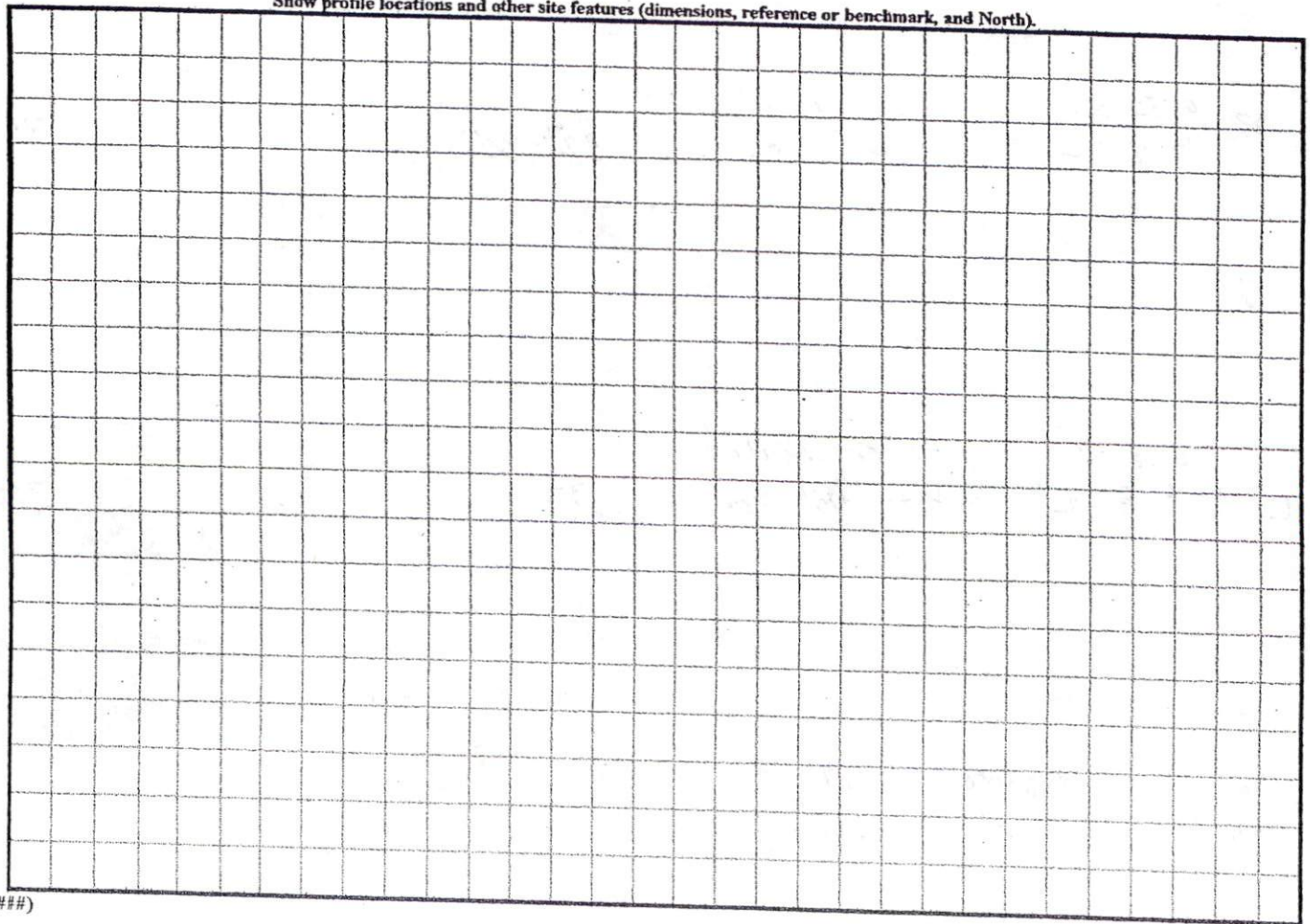
COMMENTS: _____

<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 FR-FRIABLE FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	NS-NON-STICKY SS-SLIGHTLY STICKY S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6		
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT-	0.6 - 0.3		
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		
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, reference or benchmark, and North).



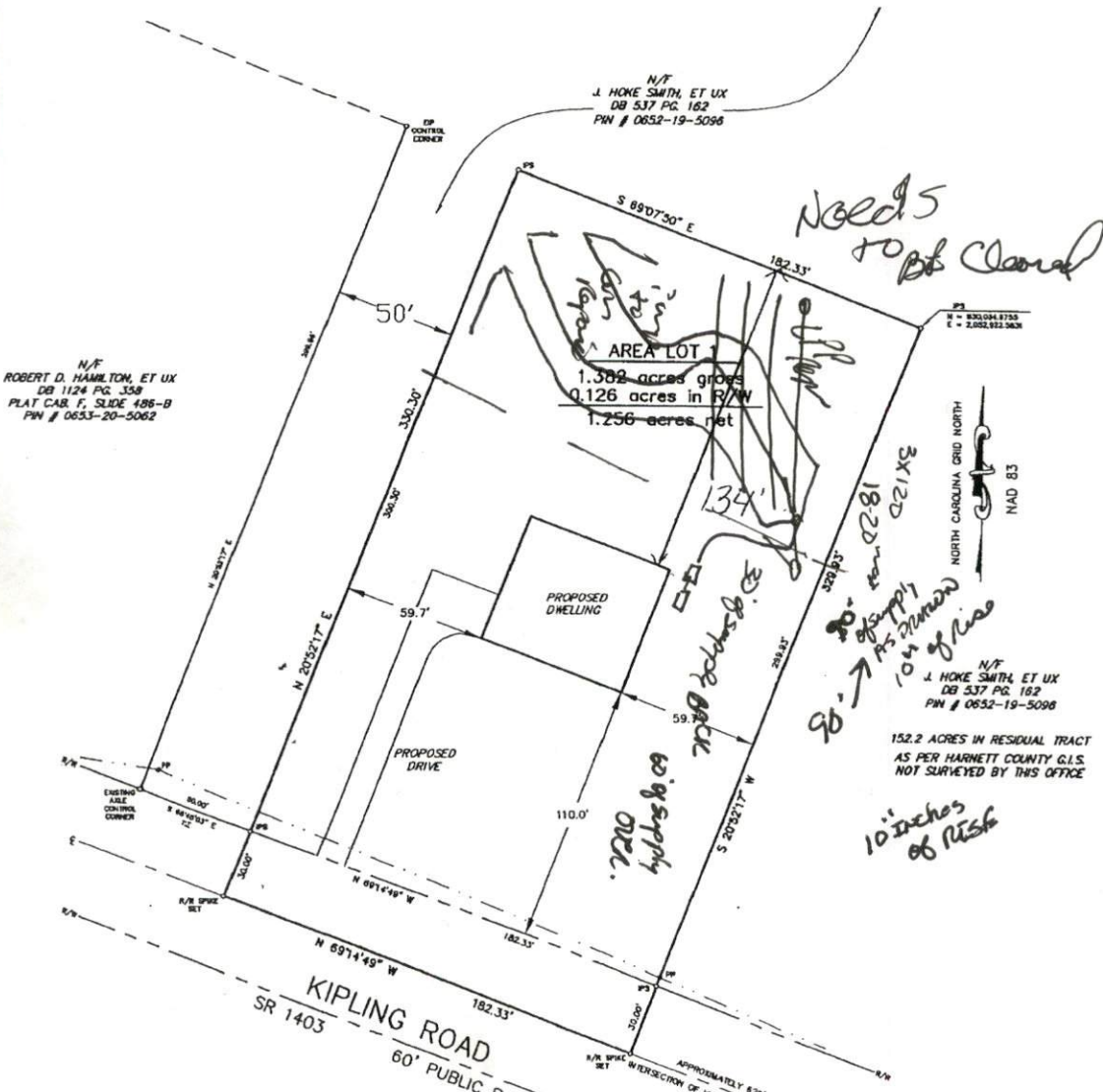
SURVEY FOR

DAN A. SMITH

LOT 1, AS SHOWN IN MAP # 2003 - 729

HECTOR'S CREEK TOWNSHIP HARNETT COUNTY NORTH CAROLINA

SCALE: 1" = 60'



N/T
 ROBERT D. HAMILTON, ET UX
 DB 1124 PG. 358
 PLAT CAR. F, SLIDE 488-B
 PIN # 0653-20-5062

N/T
 J. HOKE SMITH, ET UX
 DB 537 PG. 162
 PIN # 0652-19-5096

KILLUM 8750
 2,002,852.2638

N/T
 J. HOKE SMITH, ET UX
 DB 537 PG. 162
 PIN # 0652-19-5096

152.2 ACRES IN RESIDUAL TRACT
 AS PER HARNETT COUNTY G.I.S.
 NOT SURVEYED BY THIS OFFICE

Needs to be cleared

*3x120
 18-20' max
 10' in
 of rise*

60' supply over.

10 inches of rise

*Continuation
 to meet
 on 8876 prior to installation
 at 3 kgd 18-20' max
 250' radius
 545'*

SITE PLAN APPROVAL
 DISTRICT RAYD USE SFD
 #BEDROOMS 3
5/3/05 PRR
 Planning Administrator



ADDRESS:
 KIPLING ROAD
 KIPLING, N.C. 27543

ASHWORTH
 LAND SURVEYING

PO BOX 388, FUQUAY-VARINA, N.C. 27526 919-552-1857

PRELIMINARY PLAT
 PIN # - 0652-29-7982.000