

### 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

| 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                              | 0-16                | SL                     |                             |                         |                       |                  |                    | 3                    |
|           |                                | 16-25               | SL                     |                             |                         |                       |                  |                    |                      |
|           |                                | 25-36               | CLAY                   | FC 150k S.P                 |                         |                       |                  |                    |                      |
|           |                                | 36"+                | PM                     |                             |                         |                       |                  |                    |                      |
| 2         | L                              | 0-9                 | SL                     |                             |                         |                       |                  |                    | 3                    |
|           |                                | 9-18                | SL                     |                             |                         |                       |                  |                    |                      |
|           |                                | 18-36               | CLAY                   | FC 150k S.P                 |                         |                       |                  |                    |                      |
|           |                                | 36"+                | PM                     |                             |                         |                       |                  |                    |                      |
| 3         | L                              | 0-                  |                        |                             |                         |                       |                  |                    |                      |
|           |                                |                     |                        |                             |                         |                       |                  |                    |                      |
| 4         | L                              |                     |                        |                             |                         |                       |                  |                    |                      |
|           |                                | 24"                 | Ved Sap                |                             |                         |                       |                  |                    |                      |
| 5         | L                              | OUTLET              |                        |                             |                         |                       |                  |                    |                      |
|           |                                | 17"                 | PM                     |                             |                         |                       |                  |                    |                      |
|           |                                |                     | SAPRO NO Vertical      |                             |                         |                       |                  |                    |                      |

| Description             | Initial System | Repair System |
|-------------------------|----------------|---------------|
| Available Space (.1945) |                |               |
| System Type(s)          |                |               |
| Site LTAR               |                |               |

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

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

| LANDSCAPE POSITIONS | GROUP | TEXTURES            | .1955 LTAR | CONSISTENCE MOIST  | WET   |
|---------------------|-------|---------------------|------------|--|---|
| R-RIDGE             | I     | S-SAND              | 1.2 - 0.8  | VFR-VERY FRIABLE<br>FR-FRIABLE<br>FI-FIRM<br>VFI-VERY FIRM<br>EFI-EXTREMELY FIRM | NS-NON-STICKY<br>SS-SLIGHTLY STICKY<br>S-STICKY<br>VS-VERY STICKY<br>NP-NON-PLASTIC<br>SP-SLIGHTLY STICKY<br>P-PLASTIC<br>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       |            |  |   |

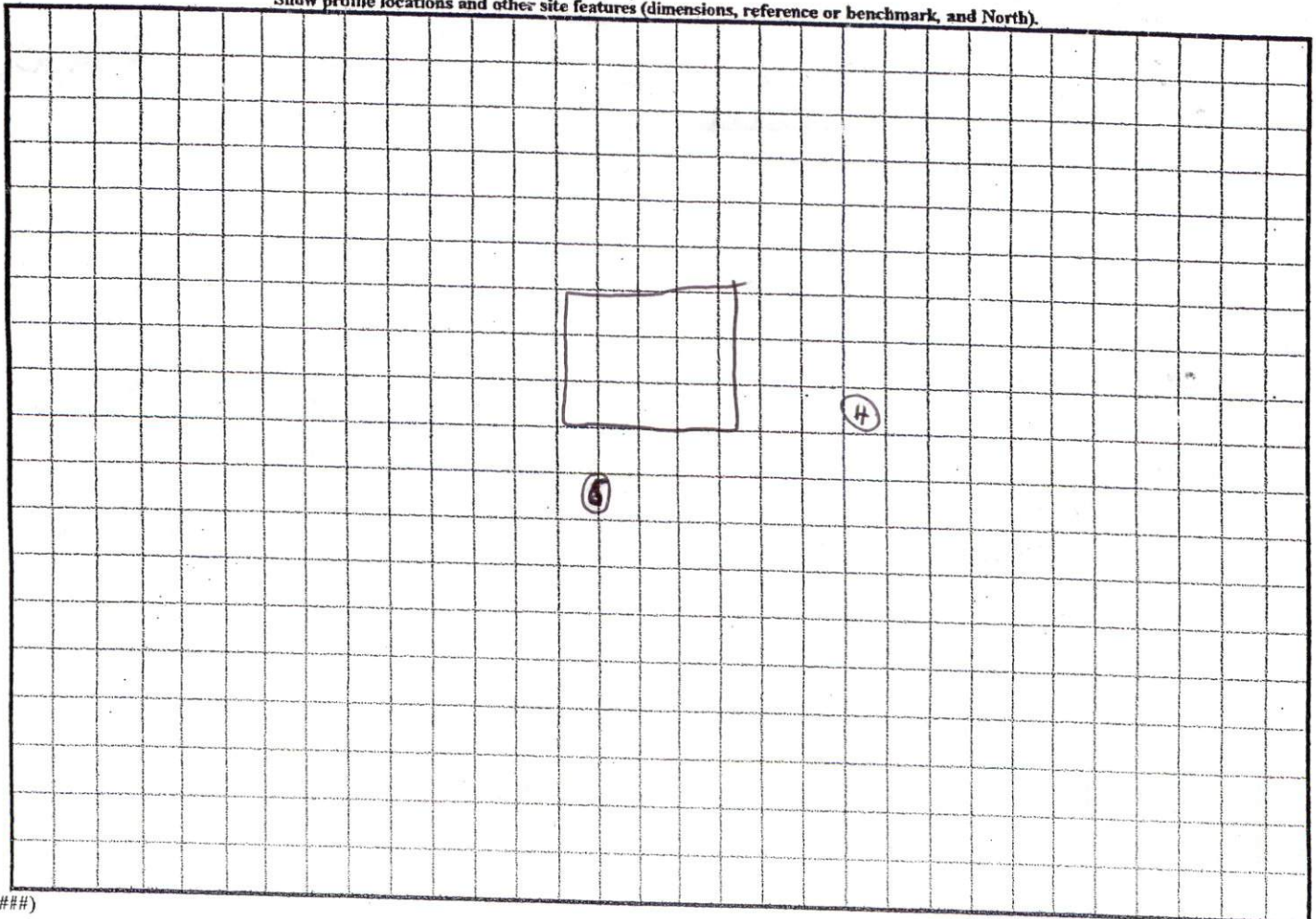
STRUCTURE

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

MINERALOGY

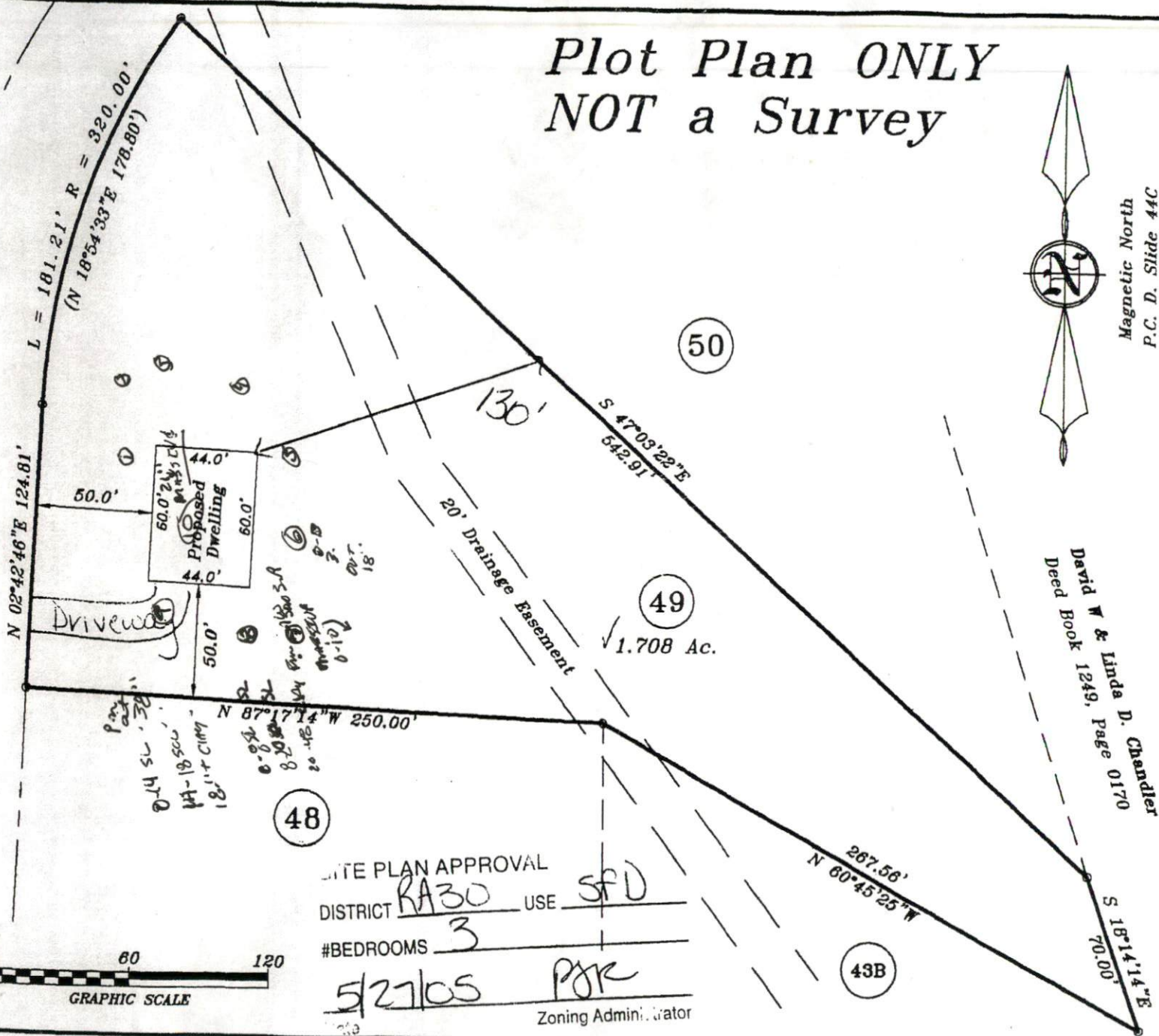
- SLIGHTLY EXPANSIVE
- EXPANSIVE

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

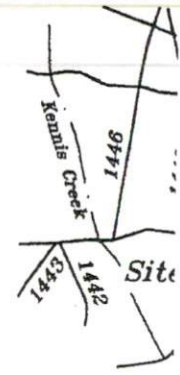


# Plot Plan ONLY NOT a Survey

Cross Link Drive 50' Public R/W



Magnetic North  
P.C. D. Slide 44C

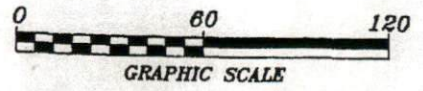


Lot 4  
Plat Cabin

Cha

Black River  
Scale: 1" =

Surv  
**STANCI**  
Professic  
P.O.Box 7  
919-639-21



SITE PLAN APPROVAL  
DISTRICT RA30 USE SFD  
#BEDROOMS 3  
5/27/05 PJR  
Zoning Administrator

NOT

Pit 5

0-6 L IfsBK Fz ss/sp  
6-12 CL ImSBK F s/p  
12-45 CL M/CsBK F s/p  
v 30%  
SHALE  
INTRUSION

US

Pit 4

0-9 L IfsBK Fz ss/sp 20% shale  
9-17 CL ImSBK F s/p 30%  
17-45 CL ImSBK F s/p 50-70%

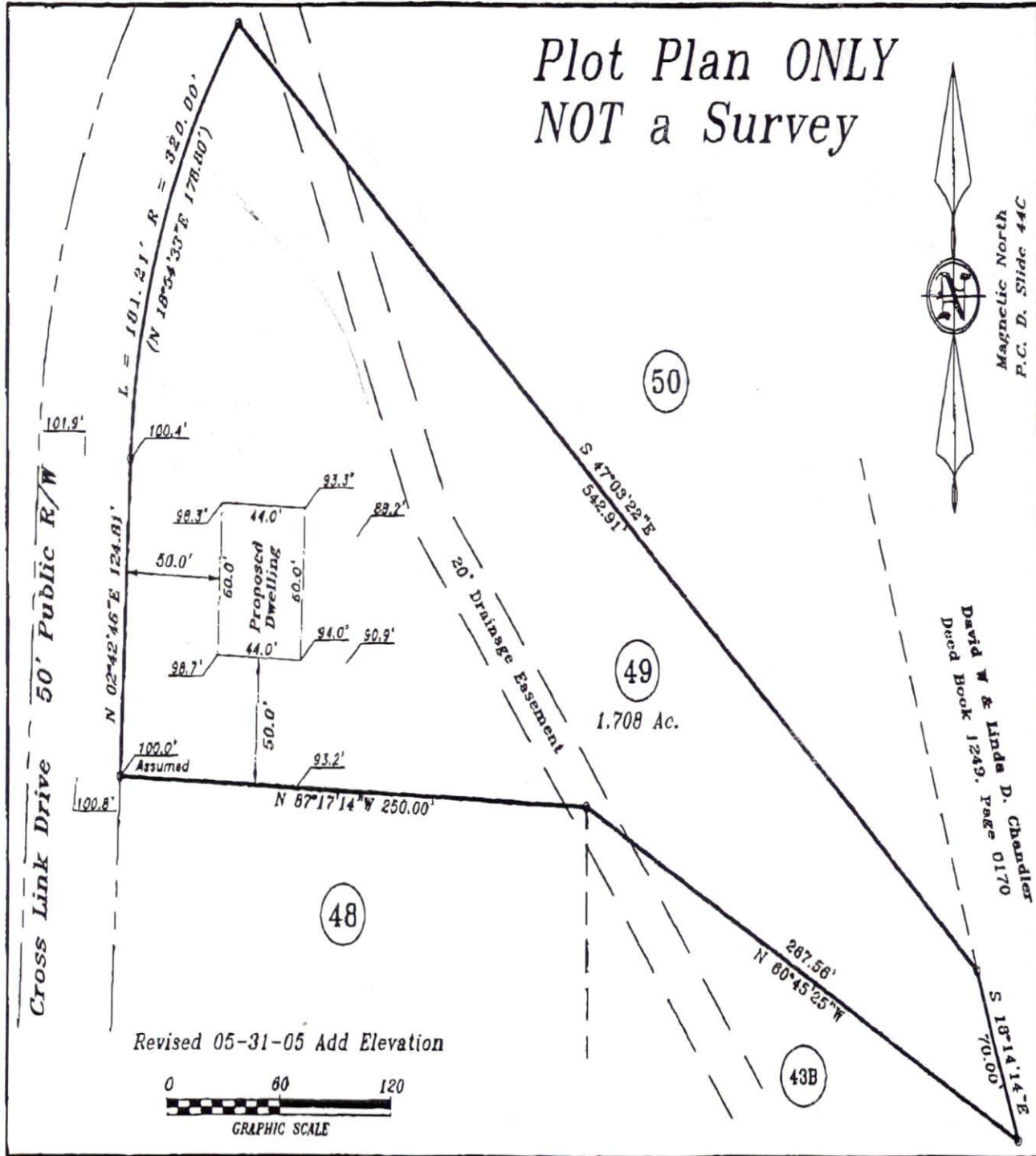
US

Pit 1

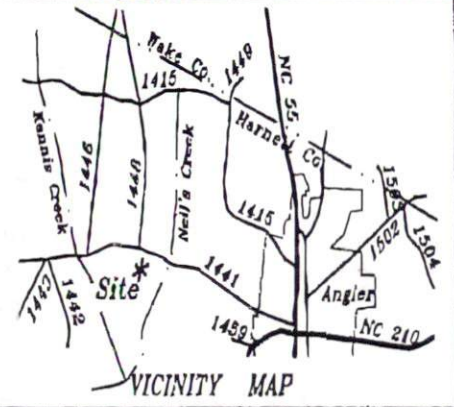
0-18 L IfsBK, Fp<sup>y</sup> ss/sp  
18-29 CL M/ImSBK F s/p  
29-37 CL If,msBK F s/p  
37-46 An

US

# Plot Plan ONLY NOT a Survey



David W & Linda D. Chandler  
Deed Book 1249, Page 0170

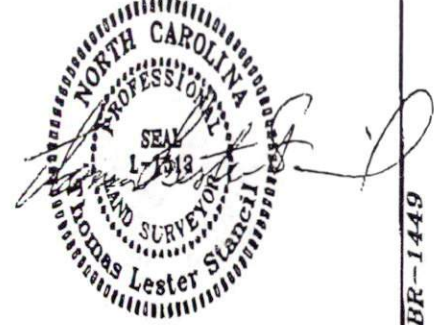


Lot 49 Cross Link Place  
Plat Cabinet "F", Slide 499 A (A)

Property Of  
**Charles Paine**  
829-6084

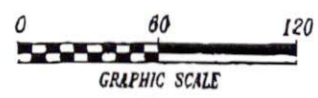
|                  |                |
|------------------|----------------|
| Black River Twp. | Harnett County |
| Scale: 1" = 60'  | Date: 05-19-05 |

Surveyed & Mapped By  
**STANCIL & ASSOCIATES**  
Professional Land Surveyor, P.A.  
P.O. Box 730, Angier, N.C. 27501  
919-639-2133 919-639-2602 (FAX)



NOT FOR RECORDATION

Revised 05-31-05 Add Elevation



AMW

SHBR-1449