

**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 3%                           | 0-18               | SL                     | FL GR NSNP                   |                         |                      |                  |                   | 4                    |
|           |                                | 18-42              | SCL                    | SLM 1 <sup>1/2</sup> SL SS.P | 36                      | 4.2                  | 10yr             |                   |                      |
| 2         | L 3%                           | 0-20               | SL                     | FL GR NSNP                   |                         |                      |                  |                   | 4                    |
|           |                                | 20-48              | SCL                    | SLM 1 <sup>1/2</sup> SL SS.P | 36                      | 4.2                  | 10yr             |                   |                      |
| 3         | L 3%                           | 0-18               | SL                     | FL GR NSNP                   |                         |                      |                  |                   | 4                    |
|           |                                | 18-48              | SCL                    | SLM 1 <sup>1/2</sup> SL SS.P | 38                      | 4.2                  | 10yr             |                   |                      |

| Description             | Initial System | Repair System |
|-------------------------|----------------|---------------|
| Available Space (.1945) |                |               |
| System Type(s)          | CO             | CO            |
| Site LTAR               | 4              | 4             |

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

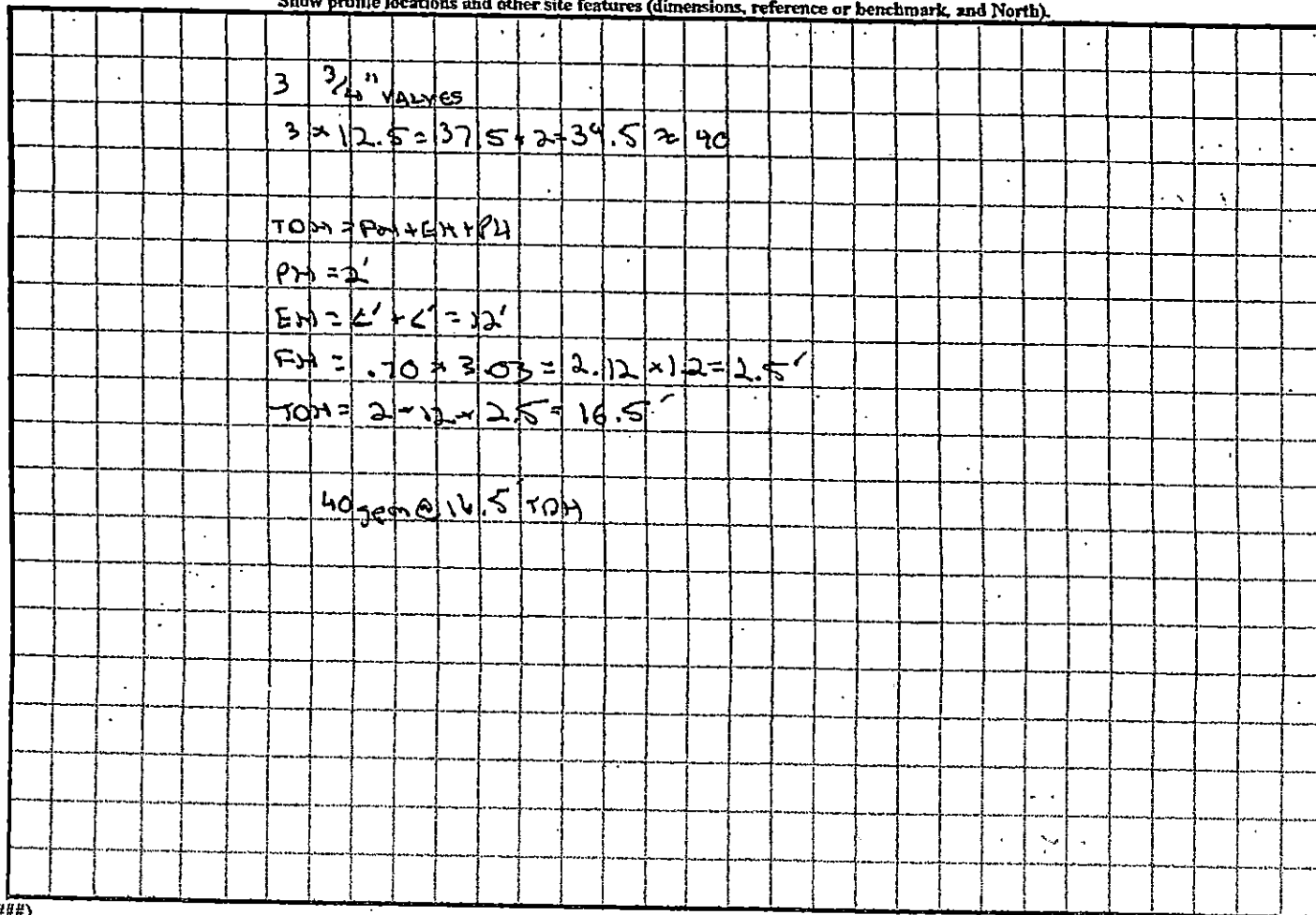
COMMENTS: \_\_\_\_\_

| <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         | 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, reference or benchmark, and North).



...ed in Book 632, Page 307, etc.) (other),  
 ...o as calculated by latitudes and departures  
 ...oundaries not surveyed are shown as broken  
 ...ation found in references as shown hereon;  
 ...red in accordance with G. S. 47-30 as  
 ...iginal signature, registration number and seal  
 ...April, 1900, A.D. 2000.

*Robert E. Smith*  
 Surveyor

L-3700

Registration Number

This survey creates a  
 thin area of  
 in ordinance that  
 ing.  
*Smith*  
 P.L.S.

Y  
 ng  
 16  
 4  
 R/W  
 20'  
 V  
 E.D.  
 2  
 ISS

3.293 Acres

N 51°46'07"E

N 51°46'07"E

475.95'

307.68'

30.00'

N 78°49'55"W (813.61' total)

(S 33°46'53"W)  
 (60.76')

(S 0°52'W)  
 (88.32')

(S 50.00' ISS  
 L=108.25')

(S 41°54'E)  
 (61.88')

(S 41°54'E)  
 (61.88')

(S 51°01'18"E)  
 (80.73')

(S 08°37'01"E)  
 (80.73')

306.98'

S 80°46'12"W (629.77' total)

292.79'

(S 04°43'00"W)  
 (38.12')

(S 64°27'41"W)  
 (303.54')

20' Drainage Easement

4.909 Acres

349.99'

175.46'

N 85°17'50"W (525.45' total)

N 38°37'59"E 385.97'

N 38°37'59"E (374.06' total)  
 175.79'

N 38°37'59"E  
 198.27'

20' Drainage Easement

N 65°24'36"W 507.75'

SITE PLAN APPROVAL

DISTRICT R430 USE SFD

#BEDROOMS 4

6.658 Acres

26

Zoning Administrator  
 PKR

20' Drainage Easement  
 (2°04'45"W (570.11' total)  
 306.78'

(S 17°55'15"E)  
 (55.37')

Phase One

7

Barclays Subdivision  
 P.C. F. Slide 441-A

Devaul G. Langdon  
 D.B. 632, Pg. 307  
 PIN 0692-46-0060

COMMISSIONERS  
 COUNTY BOARD OF  
 COMMISSIONERS HEREBY  
 APPROVES THIS FINAL PLAN

6

1=100

Utility Notes:  
 -The existing county water line  
 located on the West side of  
 Barclays Drive was extended to  
 serve these lots. A fire hydrant  
 was installed at the northeast  
 corner of Lot 26.  
 -A street light was installed 5'  
 East of the street right of way on  
 the line between Lot 22 & 23