

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner:
 Address:
 Proposed Facility: Design Flow (.1949):
 Location of Site:
 Water Supply: Public Individual Well
 Evaluation Method: Auger Boring Pit
 Type of Wastewater: Sewage Industrial Process

Applicant:
 Date Evaluated:
 Property Size:
 Property Recorded:
 Spring Other
 Cut
 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 20% | 0-36 | SL | PK ON NSNF | | | | | .4 |
| | | 36"+ | PM | | PM | | | | |
| 2 | L 3% | 0-42 | SL | PK ON NSNF | | | | | .4 |
| | | 42"+ | PM | | PM | | | | |
| 3 | L 20% | 0-34 | SL | PK ON NSNF | | | | | .4 |
| | | 34"+ | PM | | PM | | | | |

| Description | Initial System | Repair System |
|-------------------------|----------------|---------------|
| Available Space (.1945) | | |
| System Type(s) | 25" 10" RCP | LPP |
| Site LTAR | .4 | .4-.2 |

Other Factors (.1946): _____
 Site Classification (.1948): PS
 Evaluated By: JIM
 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 | | SIC-SILTY CLAY LOAM | | | |
| FP-FLOOD PLAN | IV | SIC-SILTY CLAY | 0.4 - 0.1 | | |
| | | C-CLAY | | | |
| | | SC-SANDY CLAY | | | |

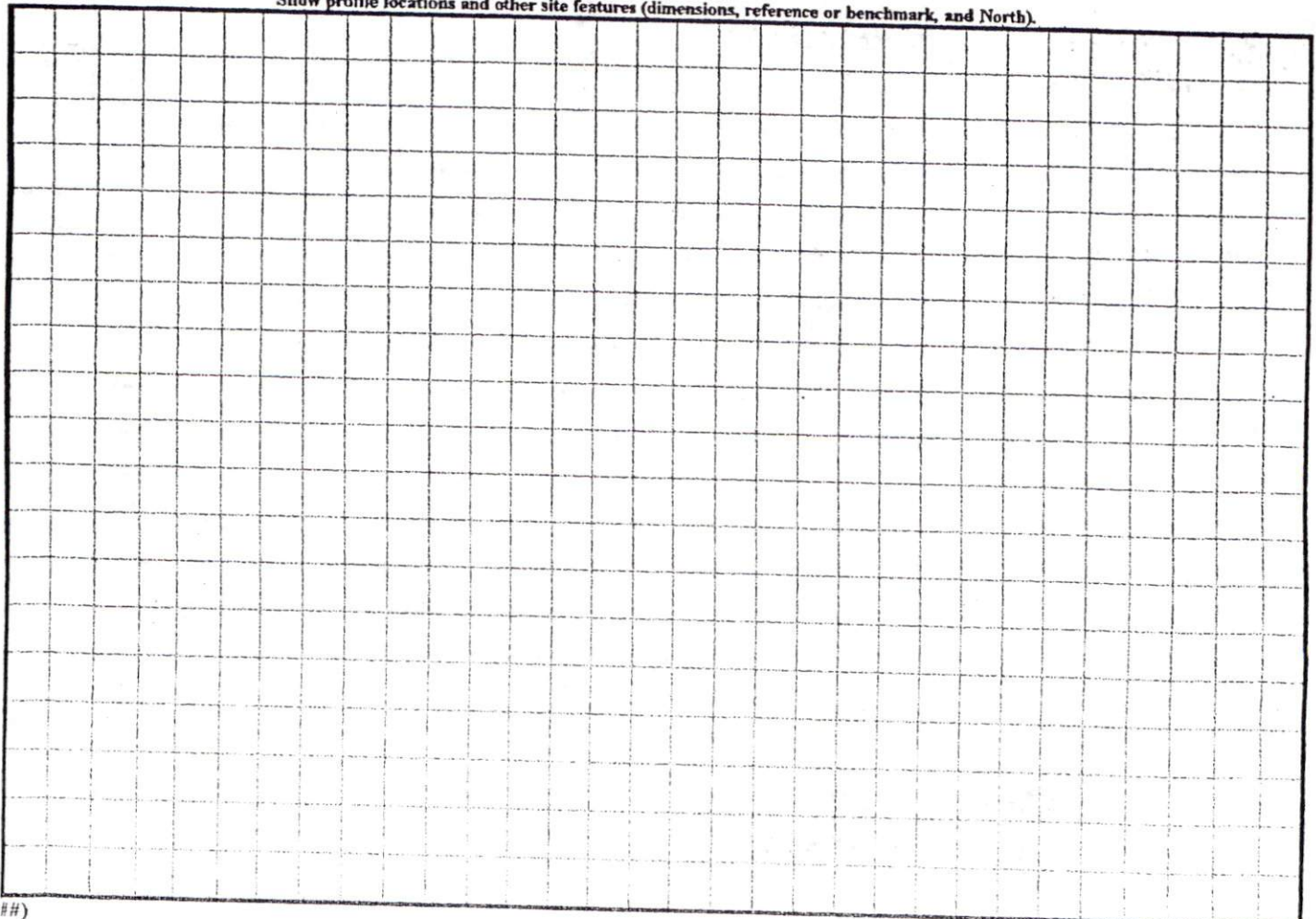
STRUCTURE

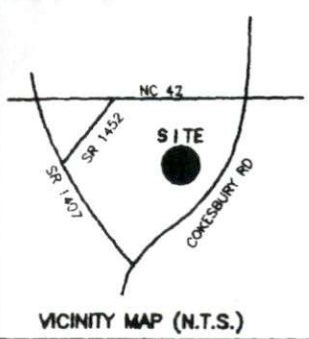
- SG-SINGLE GRAIN
- M-MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

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





- LEGEND**
- NTS NOT TO SCALE
 - EIP EXISTING IRON PIPE
 - PP POWER POLE
 - W/M WATER METER
 - TB TELEPHONE BOX
 - IPS IRON PIPE SET
 - CP&L TRANSFORMER
 - CTV CABLE TV BOX
 - L. POLE LIGHT POLE
 - OHPL OVERHEAD POWER LINE
 - F.E.S. FLARED END SECTION (PIPE)
 - RCP REINFORCED CONC. PIPE
 - B.O.C. BACK OF CURB
 - F.H. FIRE HYDRANT
 - C/O SEWER CLEAN OUT
 - EIS EXISTING IRON STAKE
 - M.H. MANHOLE
 - ECM EXISTING CONCRETE MONUMENT

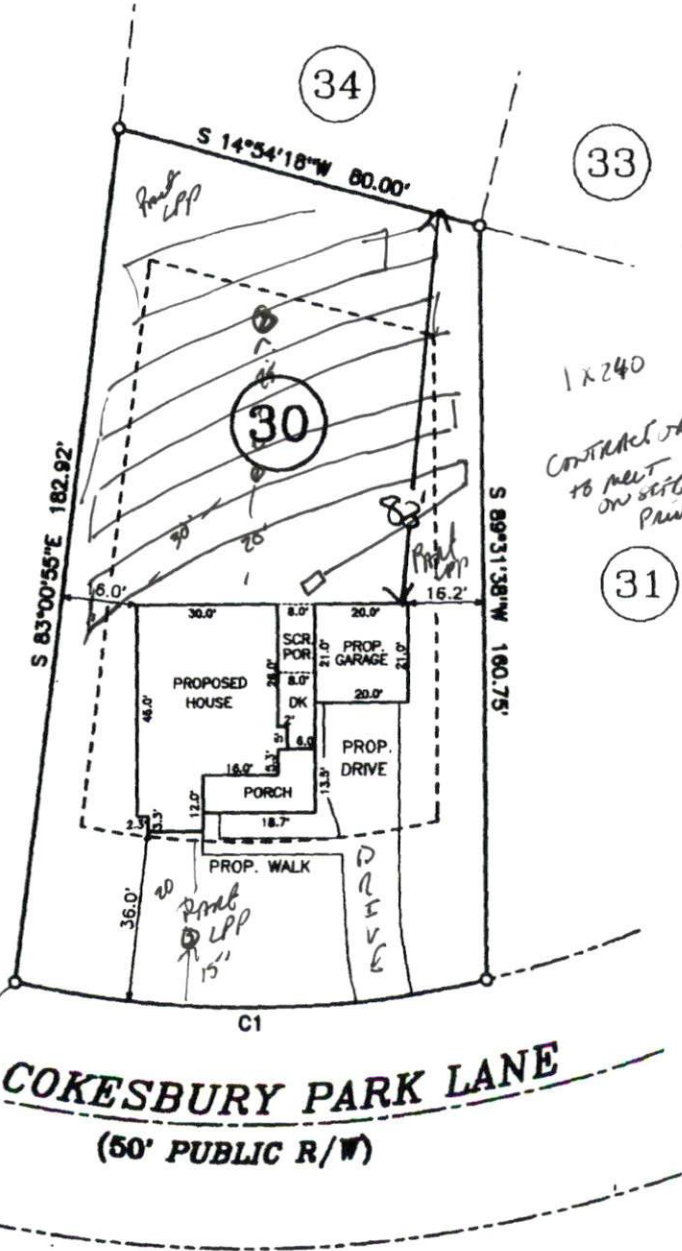
| CURVE | RADIUS | LENGTH | CHORD | CH.BEARING |
|-------|---------|---------|---------|--------------|
| C1 | 225.00' | 101.74' | 100.88' | N 00°08'22"W |

DEED NORTH
(MAP #2004 PG.1072)

IMPERVIOUS SURFACE TABLE

| | |
|--------------------------------------|---------------|
| HOUSE & GARAGE | 2033 |
| DRIVEWAY | 860 |
| SIDEWALK | 128 |
| TOTAL IMPERVIOUS AREA | 3019 |
| TOTAL LOT AREA | 15,741 |
| PERCENTAGE OF IMPERVIOUS AREA | 19.17% |

IMPERVIOUS SURFACE COVERAGE ALLOWED
PER MAP #2004 PG.1072 IS 3500 SQ. FT.



1 x 240 24"
Contractor to meet on site
Punch to install
After lot is created

FUTURE DEVELOPMENT
SITE PLAN APPROVAL
DISTRICT BOARD USE SED
APPROX. 3 ROOMS
Ridgely A. Burgess

NOTE: SHOWN IS LOT 30 OF
COKESBURY PARK S/D
PHASE 2
REF: MAP #2004 PG.1072
AREA = 15,741 SQ. FT.

