

APPLICATION

PERCOLATION TESTING

A 41446

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 3

4/7/88

DATE 10 March, 1988

*W.S.
RETEST ONLY*

Low Hole Visual

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Jean R. Dickey, Individually; Jean R. Dickey, Trustee Jean R. Dickey Inter-Vivos
TRUST

ADDRESS 13850 Forsythe Rd., Sykesville, Md 21784 PHONE (301) 442-2226

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION King's Gift LOT NO. 43

ROAD AND DESCRIPTION North on Route 144, East of Thompson Drive

TAX MAP 16 PARCEL # 360

SIZE OF LOT 5.003 Ac ± TYPE BLDG. Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**BLDG. PERMIT SIGNED
AND RETURNED 2-28-96
Serial # 63484-43805**

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC. TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Richard F. Lane (Agent)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

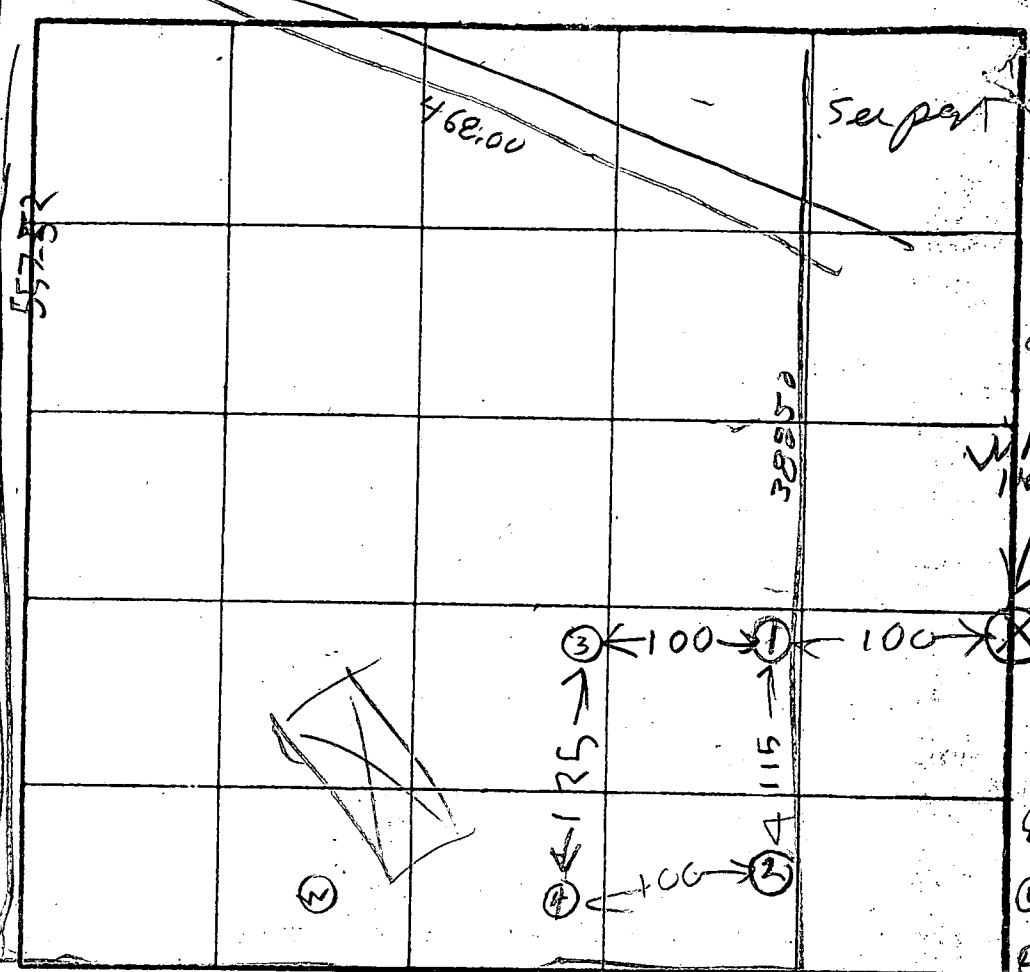
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 6/24/88 - RETEST WET SEASON WATER

INTEST AREA R1 ± 3/15/89 - RETESTED EXTRA HIGH
HOLE OR PERC HOLD FOR PLAT R1 ±

THIS IS NOT A PERMIT

KING'S GIFT
LOT 43



CLAY TOPSOIL
BROWN SAND
20% STONE FRAGS
9 1/2 ROCK
WATER HOLE ON LOT 44
Hole Elev
③ = HIGH
④ = LOW

SOIL PROFILE
①
BROWN CLAY
4
GRAY SAND
LOAM
MOIST
11
WATER

②
BROWN CLAY TOPSOIL
5
GRAY SAND LOAM
MOIST
10.5

③
GRAY BROWN CLAY
2
TAN & GRAY SAND
LOAM
& FEN ROCK
9.2

④
BROWN GRAY CLAY
3
ORANGE BROWN SAND
LOAM
11.5

INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/23/89	1S	4.5	223	225	225	227	2
	1V	11	WETTER		11 F		
	2S	5.5	240	244	244	300	16
	2V	10.5	OK				
	3S	4	242	245	245	250	5
	3V	8	242	300	300	316	16
	3V	11	OK				
6/24/89	4V	11.5	OK				
3/15/89	5S	3.5	1102	1106	1106	1111	5
	5V	9.5	OK		SHALLOW		

REMARKS: RE-TEST WET SEASON STAKES DUG DIFFERENT FROM SURVEY OR PLAT
 TYPE OF SOIL: O.K. LETTERMAN 950
 TESTED BY: R. HODGES
 DATE: 3/15/89 - RH
 ALSO PRESENT: 3/15/89 DRUM

2802

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A41446

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid: 082295

DEPTH OF WELL grid: 1500

PERMIT NO. grid: HO-99-0645

OWNER: Wieglesworth, Frederick Rd, TOWN: WILBUR SUBDIVISION: KINGS GIFT SECTION: LOT: 43

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Overburden, Soft Shale, and Gray Rock.

GROUTING RECORD form: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (C1M), BENTONITE CLAY (BC), NO. OF BAGS (12), NO. OF POUNDS (200).

CASING RECORD form: casing types (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter (6), Total depth (50).

OTHER CASING (if used) and SCREEN RECORD form: screen type (ST), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER).

DEPTH (nearest ft.) grid: 1500

PUMPING TEST form: PUMPING TEST (C3), HOURS PUMPED (3), PUMPING RATE (13.0), TYPE OF PUMP USED (S submersible).

PUMP INSTALLED form: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED (S), CAPACITY (GALLONS PER MINUTE), PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (+ above, - below).

NUMBER OF UNSUCCESSFUL WELLS (0), WELL HYDROFRACTURED (N)

CIRCLE APPROPRIATE LETTER: A (ABANDONED AND SEALED), E (ELECTRIC LOG OBTAINED), P (TEST WELL CONVERTED TO PRODUCTION WELL)

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

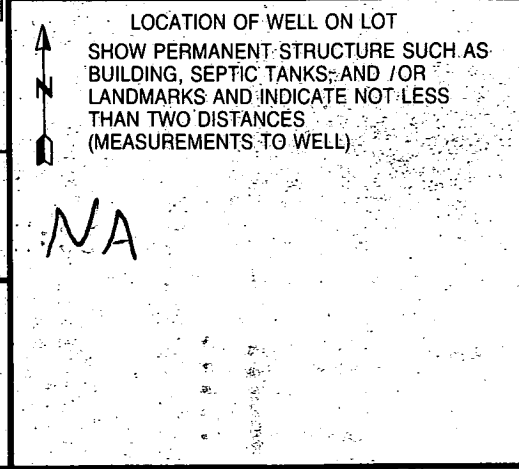
TYPE (MWDMSD/MGD), DRILLERS LIC. NO. (399), DRILLERS SIGNATURE (Paul M. ...)

LIC. NO. (MWD009), SITE SUPERVISOR (Allen Conpte)

DEPTH (nearest ft.) grid: 1500, SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN (NEAREST INCH) grid

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.), W Q (74, 75, 76), TELESCOPE CASING, LOG INDICATOR, OTHER DATA



KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

[Signature]
 SIGNATURE OF ENGINEER
 2/14/96
 DATE

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

SIGNATURE OF DEVELOPER _____ DATE _____

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION DISTRICT _____ DATE _____

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: _____ DATE _____

DISTRICT HOWARD SOIL CONSERVATION DIST. _____ DATE _____

1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
3. PERFORM NECESSARY GRADING AND STABILIZE THE SITE.
4. AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

TEMPORARY SEEDING NOTES
 APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION
 LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
 IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS
 APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (4 LBS./1000 SQ. FT.)

SEEDING
 FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL RYE (3.2 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF WEEPING LOVEGRASS (07 LBS./1000SQ.FT.). FOR THE PERIOD NOVEMBER 15 THROUGH FEBRUARY 29, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING OR USE GOD.

MULCHING
 APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 8 FEET OR HIGHER, USE 340 GALLONS PER ACRE (8 GAL./1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1986 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES
 ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

NEEDED PREPARATION
 LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

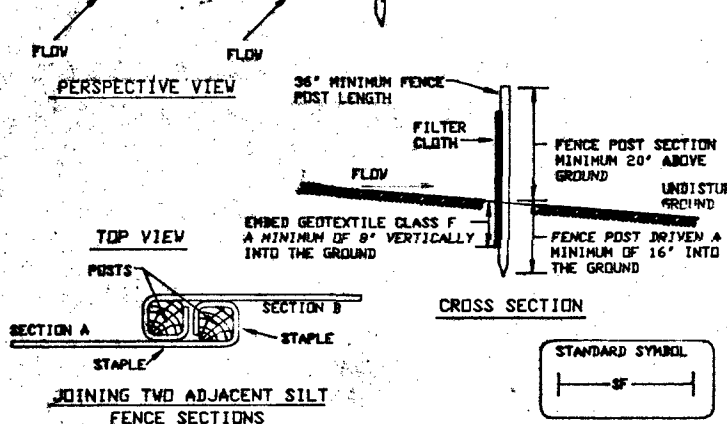
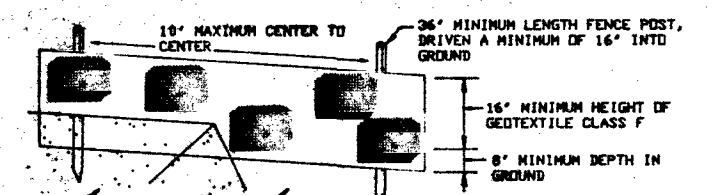
SOIL AMENDMENTS
 APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (4 LBS./1000 SQ.FT.) BEFORE SEEDING HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.) AND 500 LBS. PER ACRE (11.5 LBS./1000 SQ.FT.) OF 10-20-20 FERTILIZER.

SEEDING
 FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE, FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (4 LBS./1000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 15 THROUGH FEBRUARY 29, PROJECT SITE BY: OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) - USE 500; OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDED.

MULCHING
 APPLY 1 1/2 TO 2 TONS PER ACRE (80 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 8 FEET OR HIGHER USE 340 GALLONS PER ACRE (8 GAL./1000 SQ.FT.) FOR ANCHORING.

MAINTENANCE
 INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

* FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWNWEED AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.



Construction Specifications

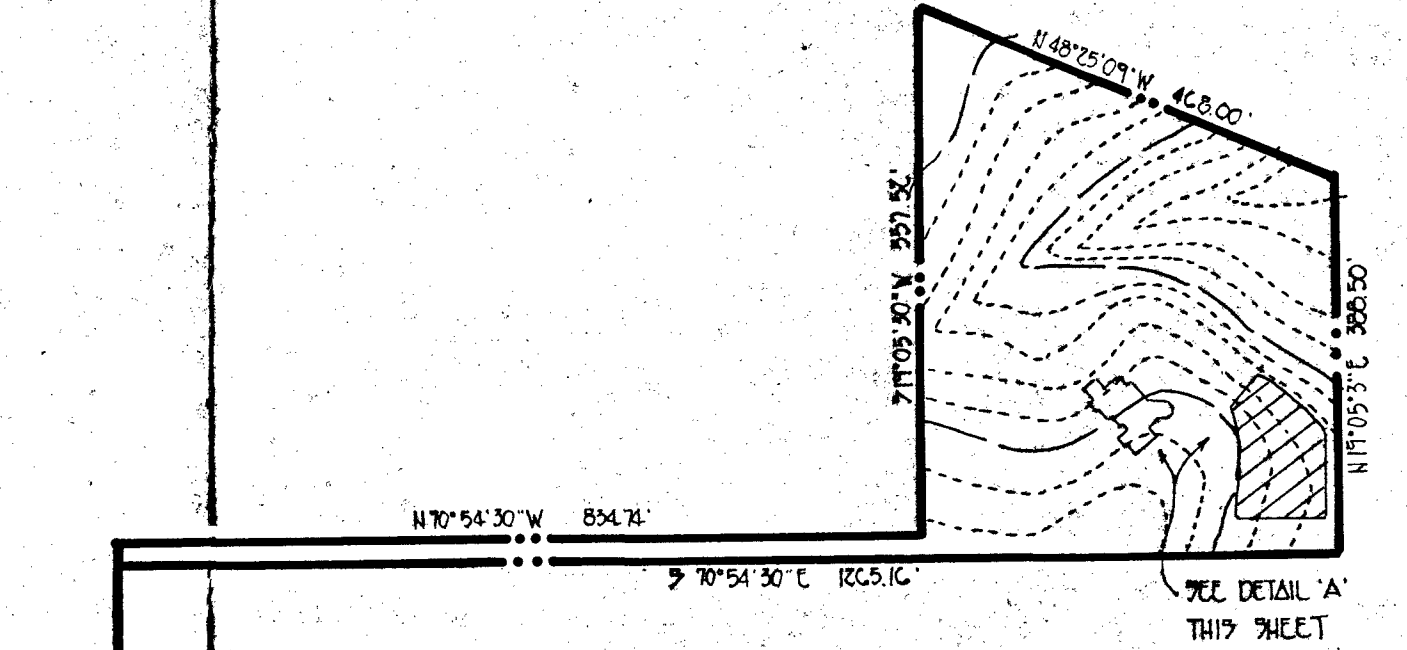
1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pound per linear foot.
2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

Tensile Strength	50 lbs/in (min.)	Test: NSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: NSMT 509
Flow Rate	0.3 gal ft ² /minute (max.)	Test: NSMT 322
Filtering Efficiency	75% (min.)	Test: NSMT 322
3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

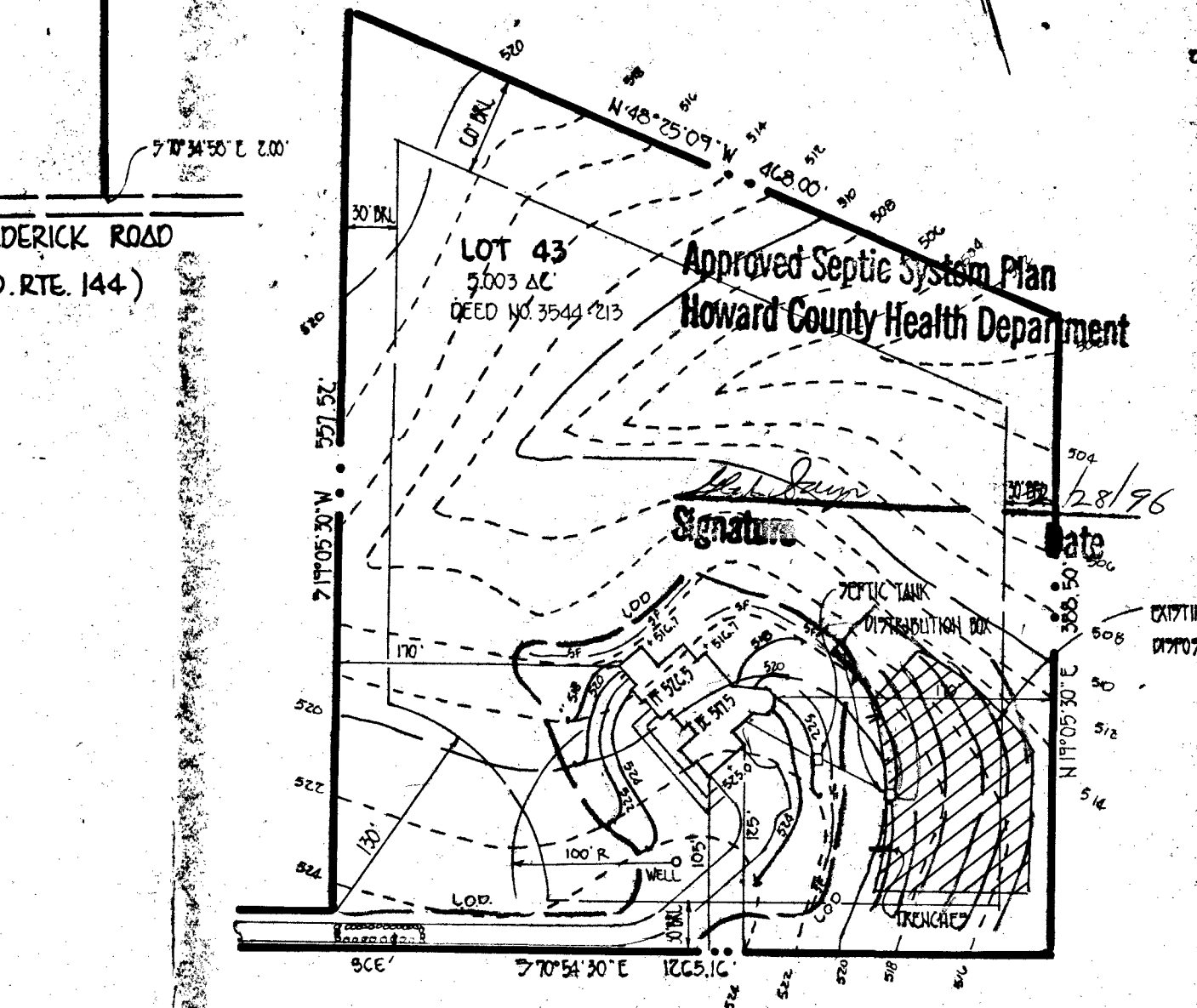
SILT FENCE
 NOT TO SCALE

STABILIZED CONSTRUCTION ENTRANCE - 2
 NOT TO SCALE

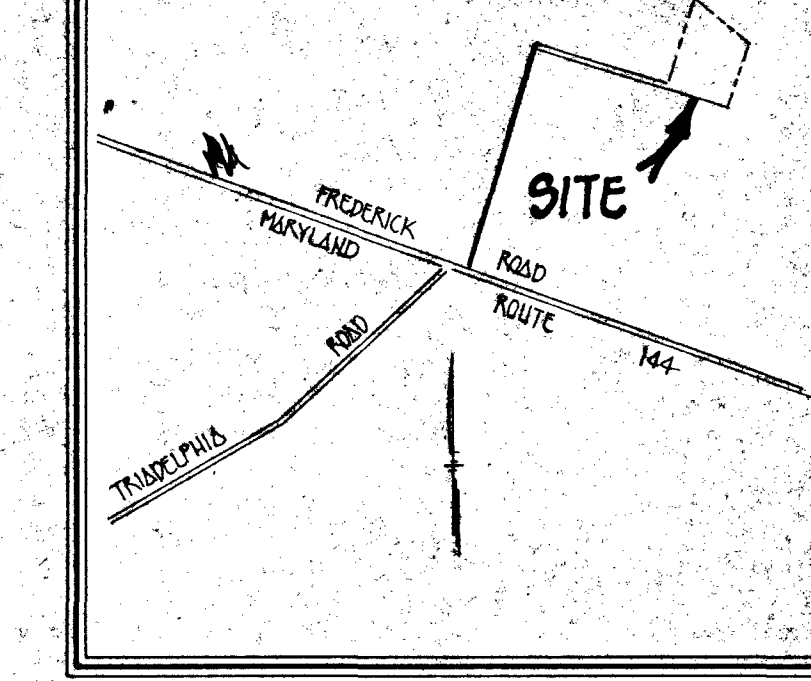
FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 LENTENAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 410-481-2955



PLAN VIEW
 SCALE: 1" = 200'



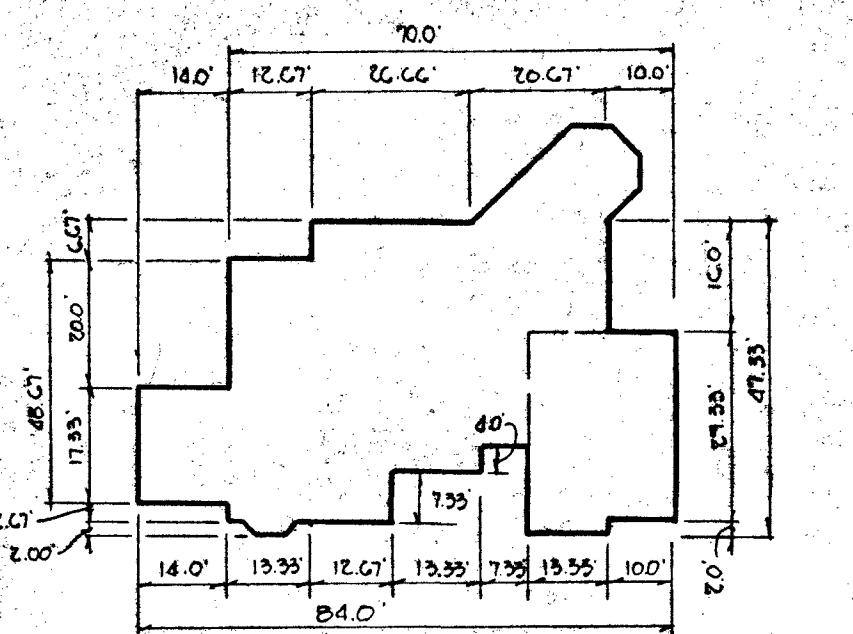
DETAIL 'A'
 SCALE: 1" = 100'



VICINITY MAP
 SCALE: 1" = 100'

GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
 2. PROPOSED 1500 GALLON SEPTIC TANK.
 3. A. FIRST FLOOR ELEVATION: 526.5
 B. BASEMENT ELEVATION: 517.5
 C. INVERT OF SEPTIC SYSTEM AT HOUSE: 518.5
 D. INVERT IN AT SEPTIC TANK: 517.5
 E. INVERT OUT AT SEPTIC TANK: 517.5
 F. PROPOSED GRADE OVER SEPTIC TANK: 521.0
 G. INVERT AT DISTRIBUTION BOX: 517.0
 H. EXISTING GROUND OVER DISTRIBUTION BOX: 520.0
 I. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT REVIEW.
 4. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
 5. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.
- NOTE: INVERT AT DISTRIBUTION BOX TO BE 2.5' BELOW EXISTING GRADE.



WIGGLESWORTH RESIDENCE

Approved Septic System Plan
 Howard County Health Department

LOT 43
 3.003 AC
 DEED NO. 3544 213

[Signature]
 Signature
 2/8/96
 Date

EXISTING POWERAGE
 PROPOSED PAVEMENT

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT
KINGS GIFT

LOT 43

TAX MAP 1C
 THIRD ELECTION DIST.
 SCALE: AS SHOWN

PARCEL 360
 HOWARD COUNTY, MARYLAND
 DATE: FEBRUARY 13, 1996



SITE INSPECTION SHEET

4/26/02
10:30

OWNER: Wigglesworth

DATE REQUESTED: _____

PHONE #: 301-596-9727

CONTRACTOR: _____

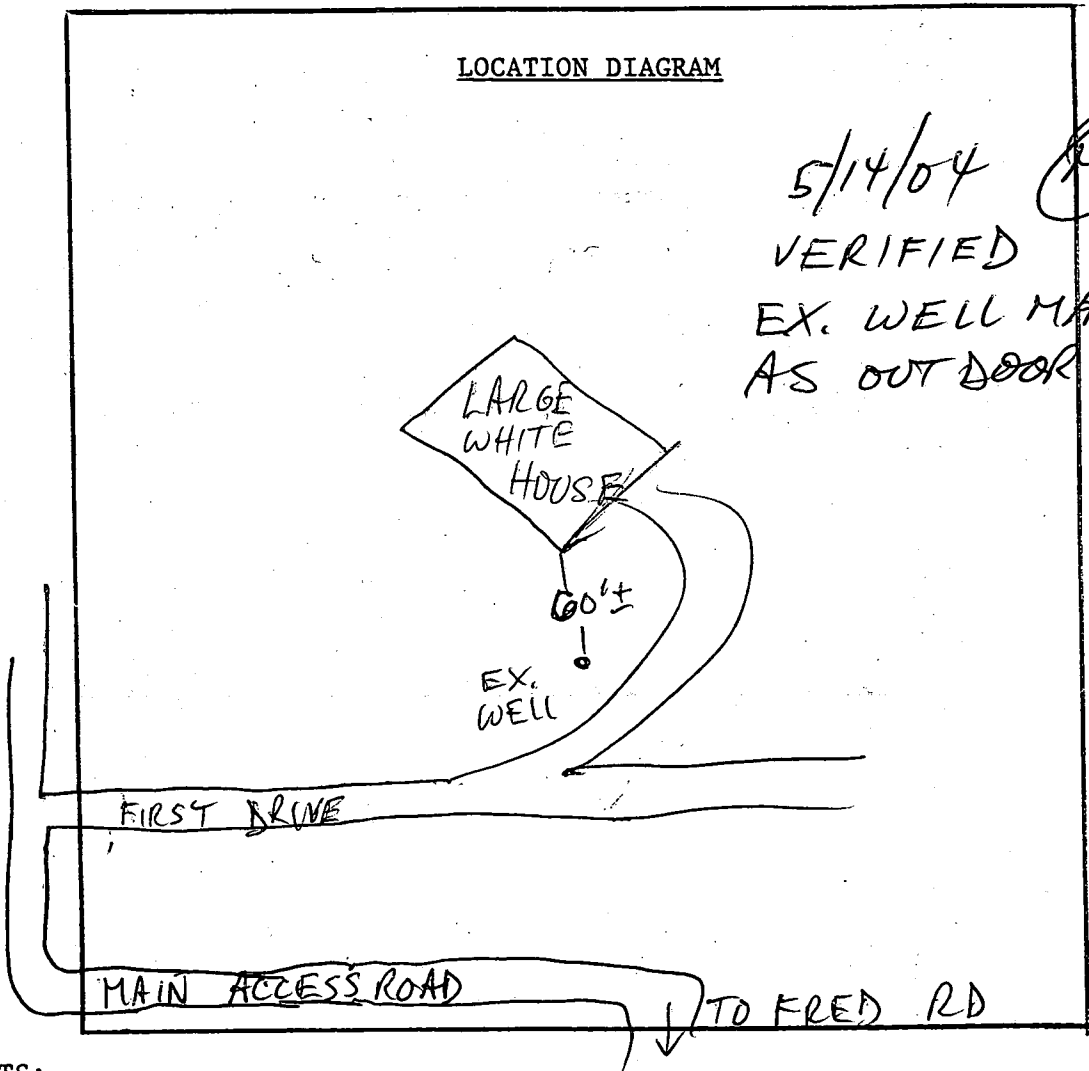
ADDRESS: 11714 Frederick Rd

WELL TAG #: _____

COUNTY #: _____

PROPOSAL: request emergency inclusion in Metro District
for pub H₂O conn; well water muddy, contains excessive sediment

LOCATION DIAGRAM



5/14/04 MR
VERIFIED
EX. WELL MAINTAINED
AS OUTDOOR SUPPLY

COMMENTS:

4/26/02 MET OWNER @ SITE; H₂O CLEAR IN ~~ROOM~~
1st FLR POWDER ROOM, BUT STRONG EVIDENCE OF SEDIMENT
PROBLEM IN UPSTAIRS ~~ROOM~~ ^{COMMODE}; OWNER REPORTS H₂O QUAL VARIABLE
NO OBS TO EMERG. REQUEST FOR INCL. IN DISTRICT

DATE: _____

INSPECTOR: _____

MR