

7/3/95  
2730

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50757C

A 50447

DISTRICT 4th

DATE 6-27-95

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~PHONE~~ 313-2640

DATE SYSTEM APPROVED 7/3/95

INSPECTOR DKS

# 349245  
**INDEXED**

Fogle's Septic Clean, Inc.

IS PERMITTED TO INSTALL X ALTER

ADDRESS 558-R Obrecht Road, Sykesville, MD 21784

PHONE 795-5674

SUBDIVISION Wellington

LOT 3

ROAD 3116 Longfield Road

PROPERTY OWNER Awalt Builders, Inc.

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

300 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 400

TRENCHES - Trench to be 3 feet wide. Inlet 6 feet below original grade. Bottom Maximum depth 7.5 feet below original grade. Effective area begins at 6 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place distribution box 235 feet up the left (360.00') lot line and 120 feet off that same lot line as seen when facing the lot from Longfield Road. Run trenches on contour toward the back lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 6/20/95 DKS

PLANS APPROVED BY Amy McMillen

DATE 4/7/95

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

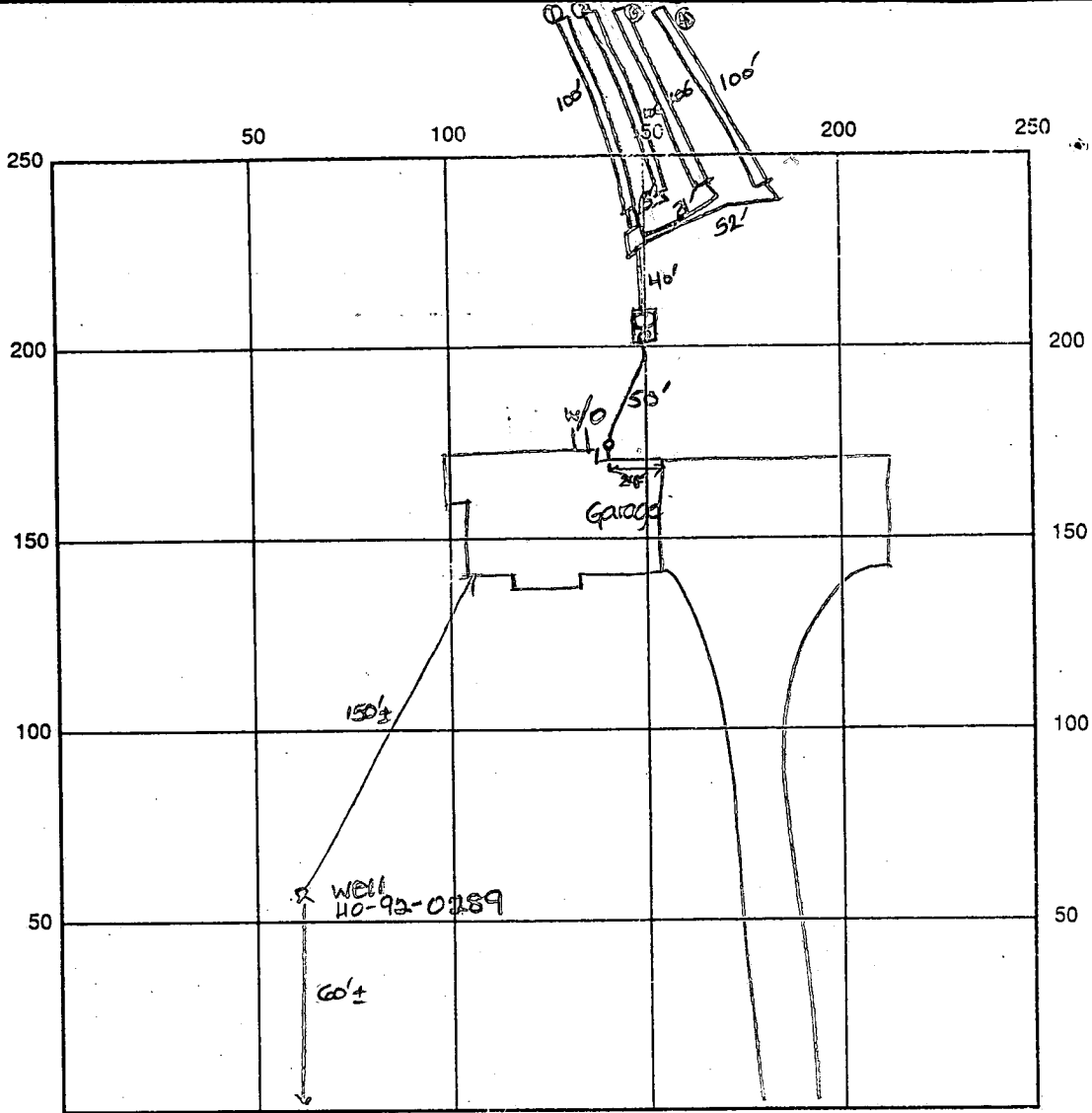
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

50447



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Longfield Rd.

SEPTIC TANK LEVEL OK-1250 gal CLEANOUTS one at house, one on s.t. manhole on s.t.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH  $\frac{1 \frac{1}{2} | 3 \frac{1}{4}}{8' | 7.5'}$  FT.

TRENCH WIDTH 3 FT.

INLET DEPTH  $\frac{1 \frac{1}{2} | 3 \frac{1}{4}}{6.5' | 6.0'}$  FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT.

TOTAL LENGTH  $\frac{\textcircled{1} 100' \textcircled{3} 100' \textcircled{4} 100'}{\textcircled{2} 100'}$  FT.

$\rightarrow 400$  total

NUMBER OF TRENCHES 4

~~ONE SIDE~~ / BOTTOM AREA 1200 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 1200 SQ. FT.

REMARKS: 7/3/95 Final - OK to cover all work. DKS

DATE SYSTEM APPROVED 7/3/95

INSPECTOR Donna K. Jee

**C 1** **7524** SEQUENCE NO. (DENV USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**STATE OF MARYLAND**  
**WELL COMPLETION REPORT**  
 FILL IN THIS FORM COMPLETELY  
 PLEASE PRINT OR TYPE

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

COUNTY NUMBER **A 41118**

ST/CO USE ONLY  
 DATE Received  
**012293**

DATE WELL COMPLETED  
**012193**

Depth of Well  
**195**  
 (TO NEAREST FOOT)

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
**MD-97-0289**

OWNER **Clark Associates**  
 last name first name  
 STREET OR RFD **Longfield Rd** TOWN **Glenwood**  
 SUBDIVISION **WELLINGTON** SECTION LOT **3**

**WELL LOG**  
 Not required for driven wells  
 STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

| DESCRIPTION (Use additional sheets if needed) | FEET |     | Check if water bearing |
|---|------|-----|------------------------|
|   | FROM | TO  |                        |
| SAND stone                                    | 0    | 39  |                        |
| GRAY mica Rock                                | 39   | 135 |                        |

**GROUTING RECORD**

WELL HAS BEEN GROUTED  YES  NO  
 (Circle Appropriate Box)  
 TYPE OF GROUTING MATERIAL  
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS **28** NO. OF POUNDS **163**  
 GALLONS OF WATER **163**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **40** ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
 ST  CO  
 STEEL CONCRETE  
 PL  OT  
 PLASTIC OTHER

MAIN CASING TYPE  ST  
 Nominal diameter top (main) casing (nearest inch) **4**  
 Total depth of main casing (nearest foot) **44**

**OTHER CASING** (if used)  
 diameter inch depth (feet) from to

**SCREEN RECORD**  
 screen type or open hole insert appropriate code below  
 ST  BR  HO  
 STEEL BRASS OPEN HOLE  
 PL  OT  
 PLASTIC OTHER

**C 2**  
 DEPTH (nearest ft.)  
 1 **HO** **40** **195**  
 2  
 3  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH)  
 from to

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
 T (E.R.O.S.) W Q  
 70 72 74 75 76  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C 3**

**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **2**  
 PUMPING RATE (gal. per min. to nearest gal.) **10**  
 METHOD USED TO MEASURE PUMPING RATE **Bucket**  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING **33**  
 WHEN PUMPING **25**  
 TYPE OF PUMP USED (for test)  
 A air  P piston  T turbine  
 C centrifugal  R rotary  O other (describe below)  
 J jet  S submersible

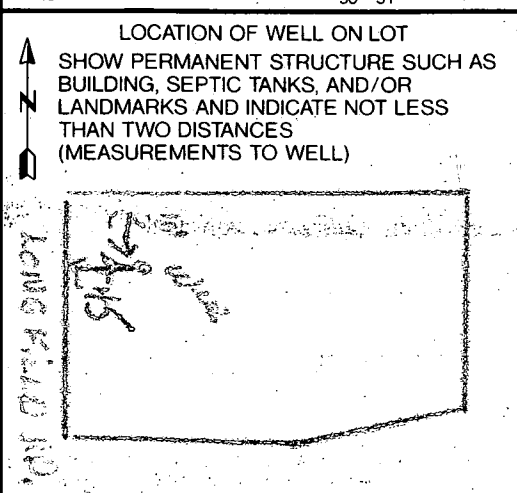
**PUMP INSTALLED**

DRILLER WILL INSTALL PUMP YES  NO   
 (CIRCLE YES or NO)  
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE  
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:   
 CAPACITY: GALLONS PER MINUTE (to nearest gallon)   
 PUMP HORSE POWER   
 PUMP COLUMN LENGTH (nearest ft.)   
 CASING HEIGHT (circle appropriate box and enter casing height)  
 + above } LAND SURFACE (nearest foot)  
 - below }

CIRCLE APPROPRIATE LETTER  
 A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED  
 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. **238**  
 DRILLERS SIGNATURE **Joseph L. Maigne**  
 (MUST MATCH SIGNATURE ON APPLICATION)  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)



12/19/94  
10:00

# APPLICATION

PERCOLATION TESTING

A 50447

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

PREVIOUS OR  
PROPOSAL IS TO CHANGE  
RECORDED SEWER EASEMENT

DISTRICT \_\_\_\_\_

DATE 12/14/94

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER J. RICHARD AWALT

ADDRESS 8659 BALTO. NAT. PK. PHONE 465-3456

AGENT OR PROSPECTIVE BUYER PAUL AWALT

ADDRESS SAME PHONE SAME

PROPERTY LOCATION:

SUBDIVISION WELLINGTON LOT NO. 3

ROAD AND DESCRIPTION 31/6 LONG FIELD ROAD 4<sup>th</sup> ELECTION DISTRICT  
HOWARD COUNTY, MD.

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT 2.96 ± ACRES TYPE BLDG. SINGLE FAMILY DWELLING  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED  
AND RETURNED 4/2/95  
Serial # 58799-540-4Bm  
SINGLE FAMILY DWELLING

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.

Paul R. Awalt  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

50447

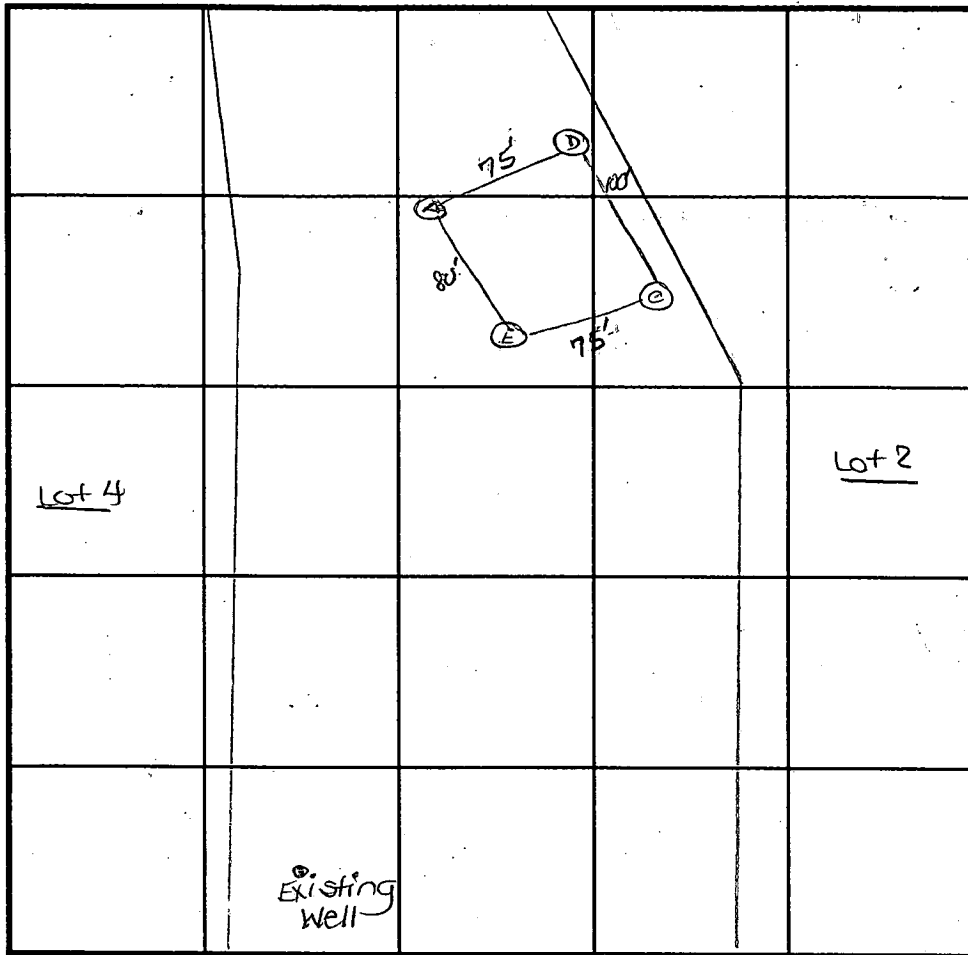
COUNTY #

SOIL PROFILE

0' (C)  
 1' topsoil  
 dk or red  
 br cl lm  
 5' red br  
 si lm  
 5-10%  
 rock  
 frags

0' (A)  
 1' topsoil  
 or red  
 br cl lm  
 w/ boulders  
 5' lt or br  
 to lt br  
 si lm  
 5-10%  
 rock  
 frags

0' (E)  
 1' topsoil  
 or red br  
 cl lm  
 5' lt or br  
 to lt br  
 to tan  
 si lm  
 <5%  
 rock  
 frags



SOIL PROFILE

0' (D)  
 1' topsoil  
 or br  
 cl lm  
 5' or br to  
 red br  
 si lm  
 5% rock  
 frags

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
 Longfield Road

| DATE     | TEST NO. | DEPTH  | PRE-WET              |       | TEST - 1" DROP |                           | TIME            |  |
|----------|----------|--------|----------------------|-------|----------------|---------------------------|-----------------|--|
|          |          |        | START                | STOP  | START          | STOP                      |                 |  |
| 12-29-94 | C        | 5.0'S  | 11:52                | 12:06 | 12:06          | 12:32                     | 26              |  |
|          |          | 11.0'D | See profile          |       |                |                           |                 |  |
|          | A        | 4.0'S  | 11:24                | 11:49 | 11:49          | less than<br>1" in 30 min | better<br>at 5' |  |
|          |          | 11.5'D | See profile          |       |                |                           |                 |  |
|          | E        | 12.0'D | Visual - see profile |       |                |                           |                 |  |
|          | D        | 4.0'S  | 11:02                | 11:14 | 11:14          | 11:42 <sup>15</sup>       | 28              |  |
|          |          | 11.0'D | See profile          |       |                |                           |                 |  |
|          |          |        |                      |       |                |                           |                 |  |
|          |          |        |                      |       |                |                           |                 |  |
|          |          |        |                      |       |                |                           |                 |  |

REMARKS better soils at 5' + below grade

TYPE OF SOIL \_\_\_\_\_

TESTED BY D. See

ALSO PRESENT owner

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 27 min

TRENCH WIDTH 3'

INLET DEPTH 5'

MAXIMUM BOTTOM DEPTH 7'

SQ. FT./BEDROOM 300

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 41118

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 992.2330

DISTRICT 47B

DATE ~~December 18, 1987~~

FEB 26 1988

*4/5/88  
perc OK if pending  
approved plan  
@*

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 C. Oliver Goldsmith, et ux

ADDRESS Route 27, Longwood Farm, Glenwood, MD 21737 PHONE 301-442-2121

PROPERTY LOCATION:

SUBDIVISION Longwood Farm LOT NO. 3 *LOT 3 Preliminary Sec. 1*

ROAD AND DESCRIPTION Southwest Quadrant of intersection of Roxbury Mills Rd. (Rt. 97) and Union Chapel Road

SIZE OF LOT 3+ Acres TYPE BLDG. SFD Residential

(NUMBER OF BEDROOMS) \*

\* Undetermined at this time

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 MOSMA REQUIREMENTS IN TESTING THIS LOT. *By Secretary Development Corp. AS & Bush V.R.*  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING for field located holes & S/D plan

# THIS IS NOT A PERMIT

TOLET 4'  
 MAX D 8'  
 $\bar{X} = 12 \text{ MIN}$   
 200%

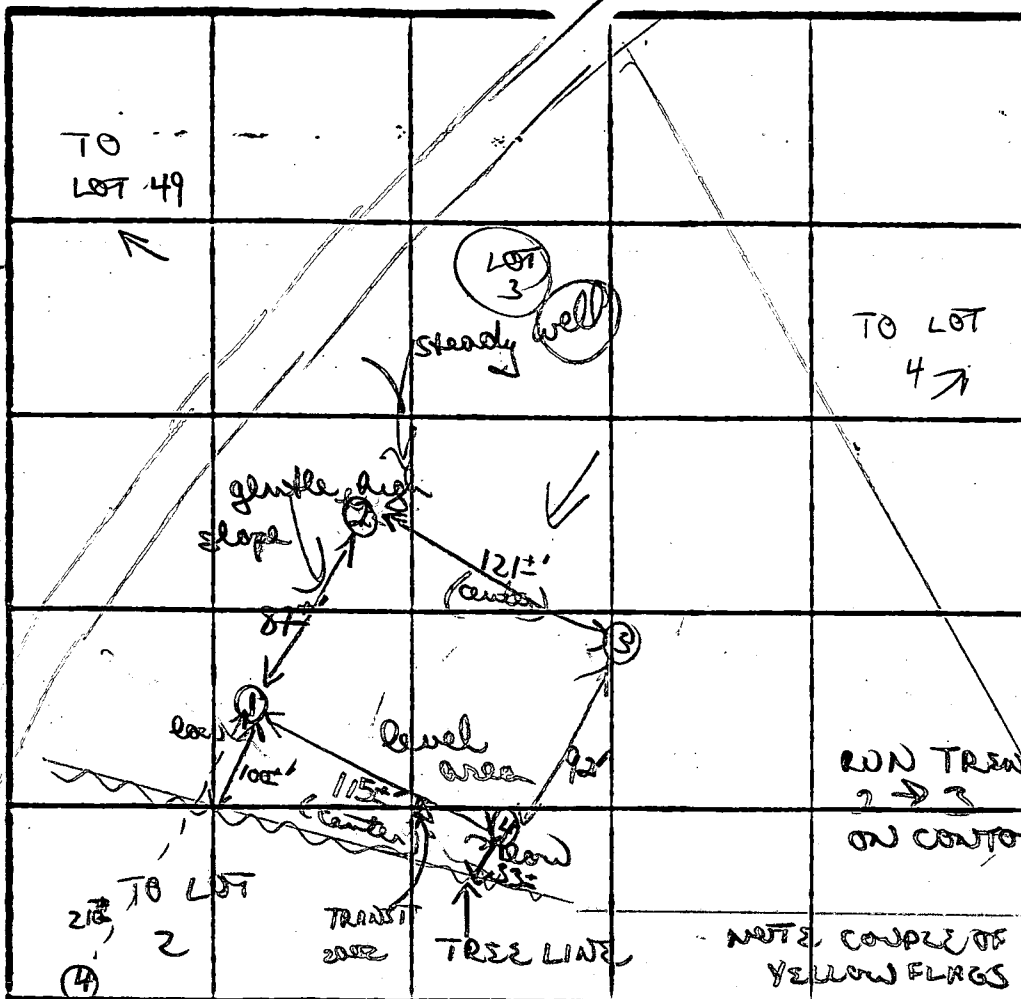
SOIL PROFILE

orange/purple  
 chunky clay  
 3' 1/2  
 gradually  
 to orange  
 purple  
 gritty silty  
 mass  
 5'  
 ↓  
 small  
 12'D

③ + ③

purple/brown  
 chunky clay  
 4'

to purple/  
 grey clay  
 lean  
 6 1/2'  
 to mostly  
 gritty purple  
 yellow silty  
 mass  
 lean  
 ↓  
 12'D



④  
 red transition  
 to orange  
 brown clay  
 chunky (4 1/2')  
 to orange  
 then grey  
 to silty  
 mass  
 ↓ 6'  
 12 3/4'D

RUN TRENCHES  
 2 → 3  
 ON CONTOR

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. TREE LINE (P.L.?)

| DATE   | TEST NO. | DEPTH     | PRE-WET             |      | TEST - 1" DROP |      | TIME   |
|--------|----------|-----------|---------------------|------|----------------|------|--------|
|        |          |           | START               | STOP | START          | STOP |        |
| 4/5/82 | ①        | 3'S       | 1257                | 101  | 101            | 107  | 6 MIN  |
|        |          | 6 1/2 M   | 108                 | 117  | 117            | 126  | 9 MIN  |
|        |          | 12'D      | botto (see profile) |      |                |      |        |
|        | ②        | 4'S       | 114                 | 126  | 126            | 154  | 28 MIN |
|        |          | 12'D      | botto (see profile) |      |                |      |        |
|        | ③        | 4'S       | 127                 | 137  | 137            | 151  | 14 MIN |
|        |          | 12 1/2'D  | botto (see profile) |      |                |      |        |
|        | ④        | 4 1/2-5'S | 125                 | 127  | 127            | 134  | 4 MIN  |
|        |          | 12'D      | botto (see profile) |      |                |      |        |

botto at 5'

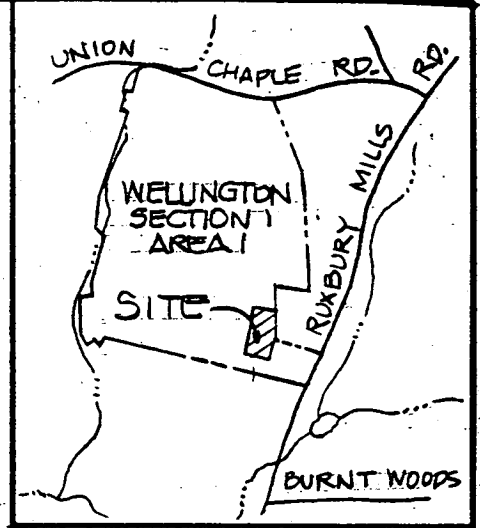
dig + tested approx as staked. Pre in open field.

REMARKS  
 TYPE OF SOIL chunky purple/orange clays to 4 1/2-5'; mostly purple silty mass lean  
 TESTED BY B. Nelson ALSO PRESENT Ken H., Chip

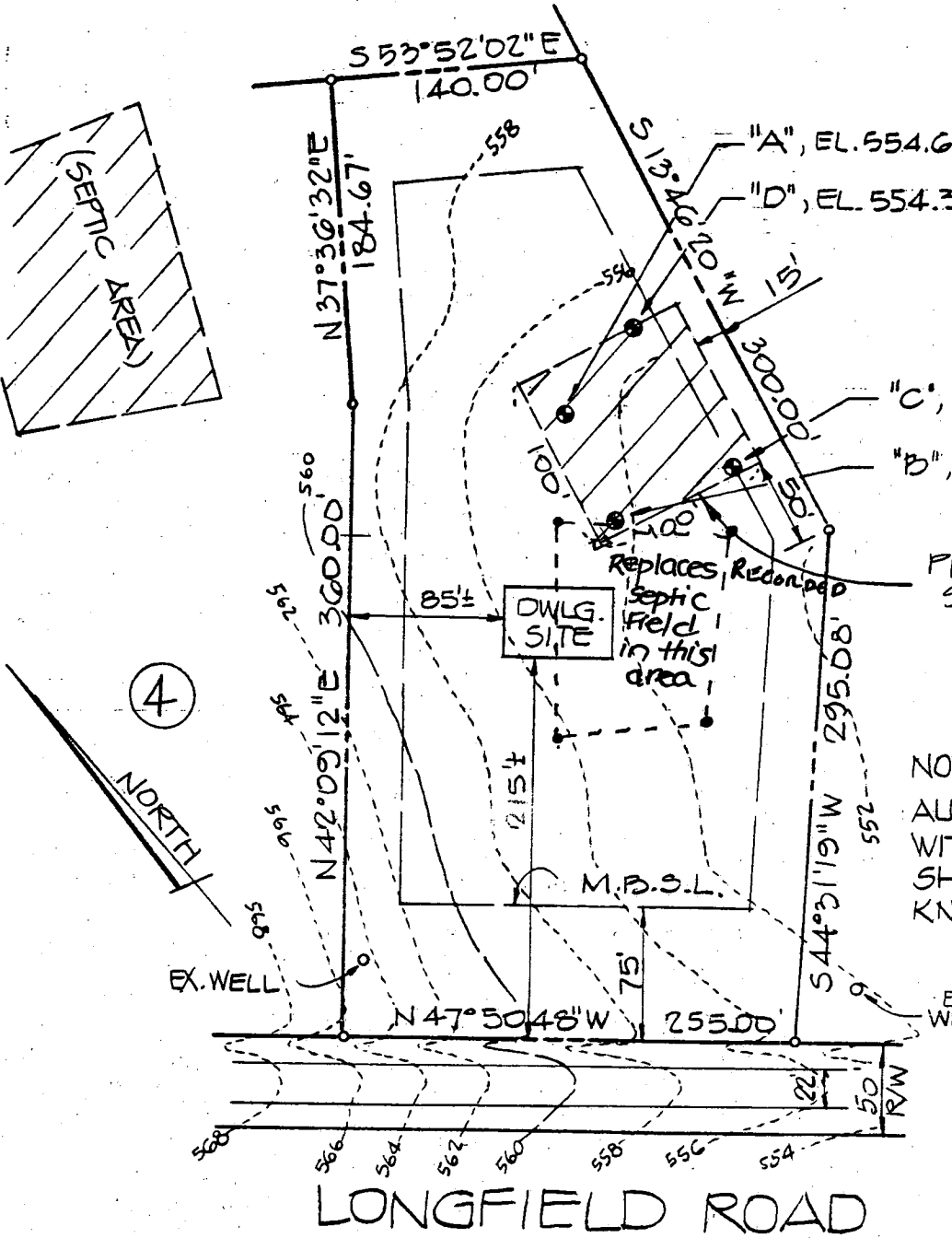


APPROVED FOR PRIVATE WATER AND PRIVATE SEWER SYSTEM.

Joyce M. Boyd M.P.E. F.S. 3-8-95  
 HOWARD COUNTY HEALTH OFFICER, DATED



VICINITY MAP  
 SCALE: 1"=2000



PROPOSED 10,000 S.F. SEPTIC RESERVE AREA.

NOTE:  
 ALL WELLS AND SEPTIC AREAS WITHIN 100 FT. OF LOTS ARE SHOWN TO THE BEST OF MY KNOWLEDGE.



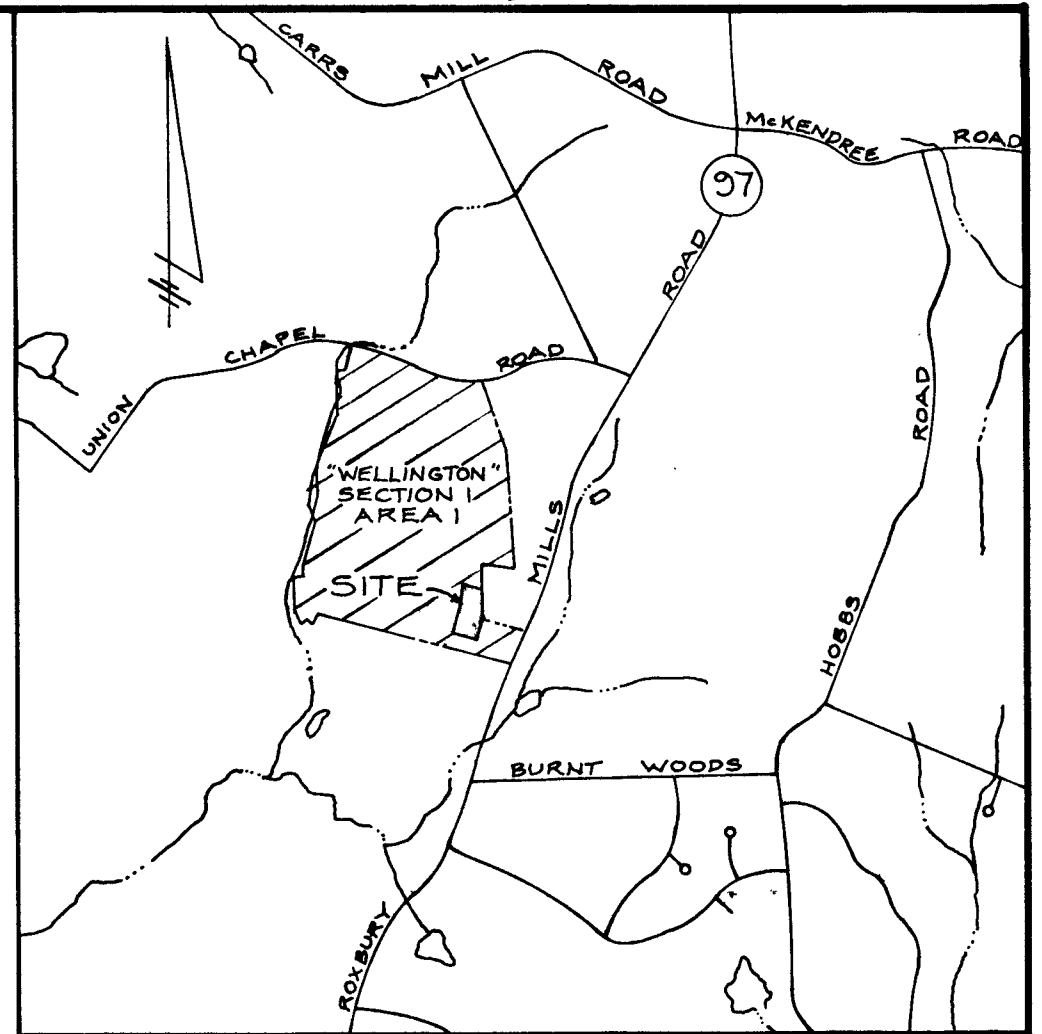
PERC CERTIFICATION PLAN  
 for  
**LOT #3 "WELLINGTON"**  
 ELECTION DISTRICT #4  
 HOWARD COUNTY, MARYLAND

DEVELOPMENT ENGINEERING CONSULTANTS, INC.  
 6603 York Road  
 Baltimore, Maryland 21212  
 (410) 377-2600

Scale: 1"=100' Issued: FEB. 28, 1995

**REQUIRED ELEVATIONS:**

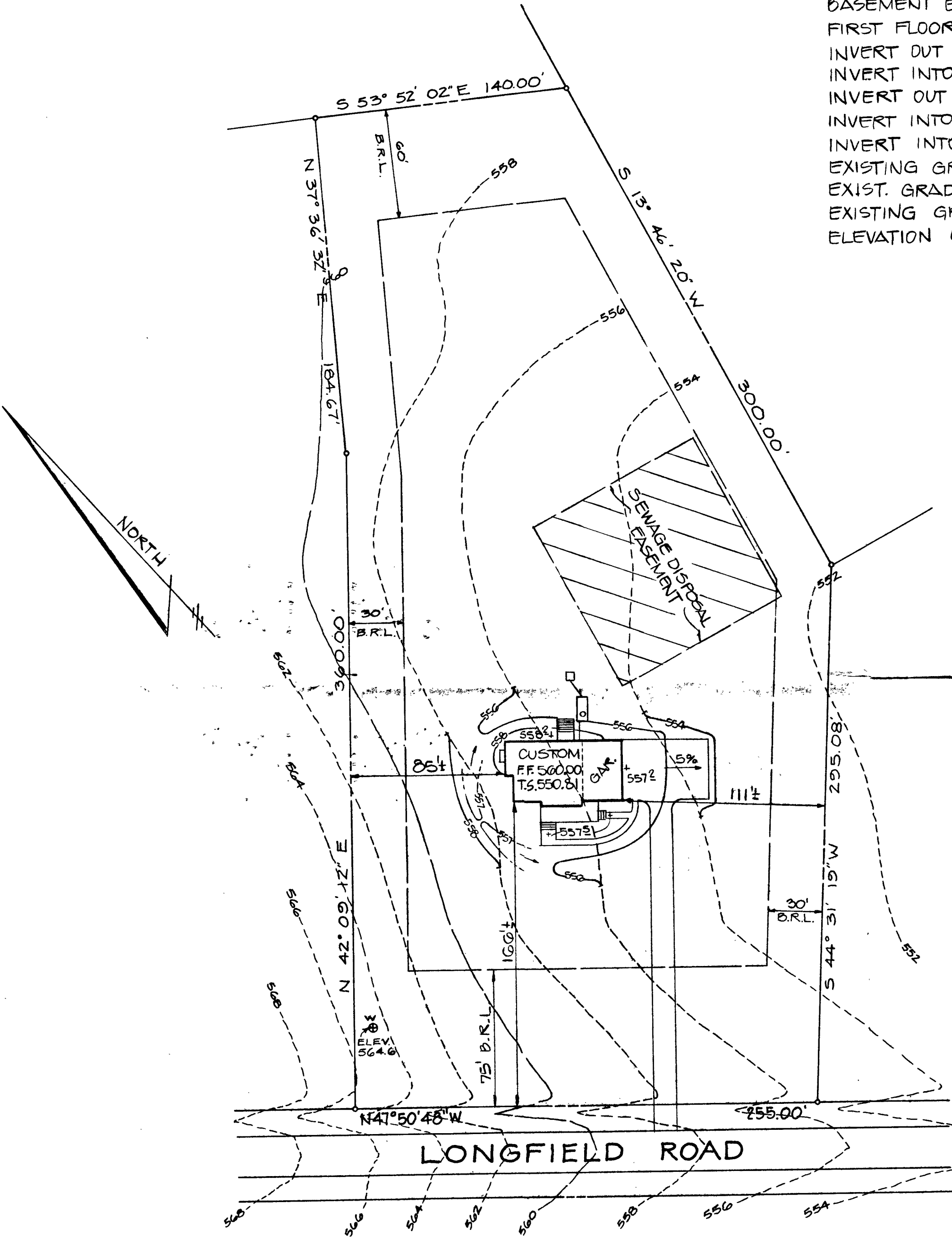
|                                  |        |
|----------------------------------|--------|
| BASEMENT ELEVATION               | 550.81 |
| FIRST FLOOR ELEVATION            | 560.00 |
| INVERT OUT OF HOUSE              | 549.3  |
| INVERT INTO SEPTIC TANK          | 549.2  |
| INVERT OUT OF SEPTIC TANK        | 548.9  |
| INVERT INTO DISTRIBUTION BOX     | 548.8  |
| INVERT INTO TRENCH               | 548.8  |
| EXISTING GRADE AT SEPTIC TANK    | 554.8  |
| EXIST. GRADE AT DISTRIBUTION BOX | 554.8  |
| EXISTING GRADE AT TRENCH         | 554.8  |
| ELEVATION OF WELL AT GRADE       | 564.6  |



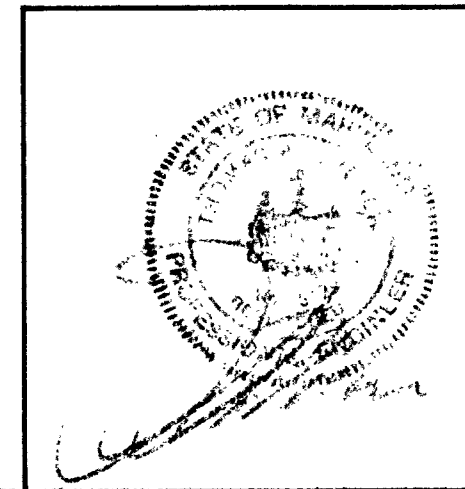
VICINITY MAP  
SCALE: 1" = 2000'

Approved Septic System Plan  
Howard County Health Department

*Amy McMullen* 5-16-95  
Signature Date  
REVISED HOUSE  
LOCATION



|         |                                  |
|---------|----------------------------------|
| 5/11/95 | MOVE SEPTIC AREA TOWARD ROAD 30' |
| DATE    | REVISION                         |



| Drafting      | DATE    | REVISIONS                                 |
|---------------|---------|---|
| K.D.H.        | 4/11/95 | ELEV. OF BLDG & SEPTIC SYSTEM, NO HUNG S. |
| Check T.A.C.  | 5/1/95  | FLOOR SEPARATION / FF-TS. = 9'-6 1/8"     |
| Design K.D.H. | 5/8/95  | BASEMENT AREA WAY                         |
| Check T.A.C.  | 5/9/95  | MOVE HOUSE TO ROAD 60' & REGRADE          |

**DEVELOPMENT ENGINEERING CONSULTANTS, INC.**  
SITE ENGINEERS & SURVEYORS  
6603 YORK ROAD (410) 377-2600 BALTIMORE, MARYLAND 21212

GRADING PLAN  
LOT 3 SECTION 1 AREA 1  
"WELLINGTON"  
4<sup>TH</sup> ELECTION DISTRICT HOWARD COUNTY, MD

|       |               |          |
|-------|---------------|----------|
| SHEET | DATE          | CONTRACT |
| 1     | MAR. 21, 1995 | NUMBER   |
| OF    | SCALE         |          |
| 1     | 1" = 50'      | 93-113   |