

12/21/97
WPI 12/21/97
SK PLUMBING
-NO SKIET YET

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-322335

P 59229-A

A 50617-N

DISTRICT 3rd

DATE 11-21-97

DATE SYSTEM APPROVED 12/22/97

INSPECTOR ALM

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~X184008~~ 410-313-2640

INDEXED

Arnold Backhoe & Septic Service IS PERMITTED TO INSTALL ALTER

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 410-795-7873

SUBDIVISION Woodford's Grant LOT 12 ROAD 11346 Barley Field Way

PROPERTY OWNER Trinity Custom Homes, Inc.

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 2.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Begin trenches 120 feet up the left (297.76') lot line and 80 feet off that same lot line as seen when facing the lot from Barley Field Way. Run trenches on contour in both directions.

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

OK KM 10/24/97

PLANS APPROVED BY Kim Maiste/Glen Savage DATE 10/22/97

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

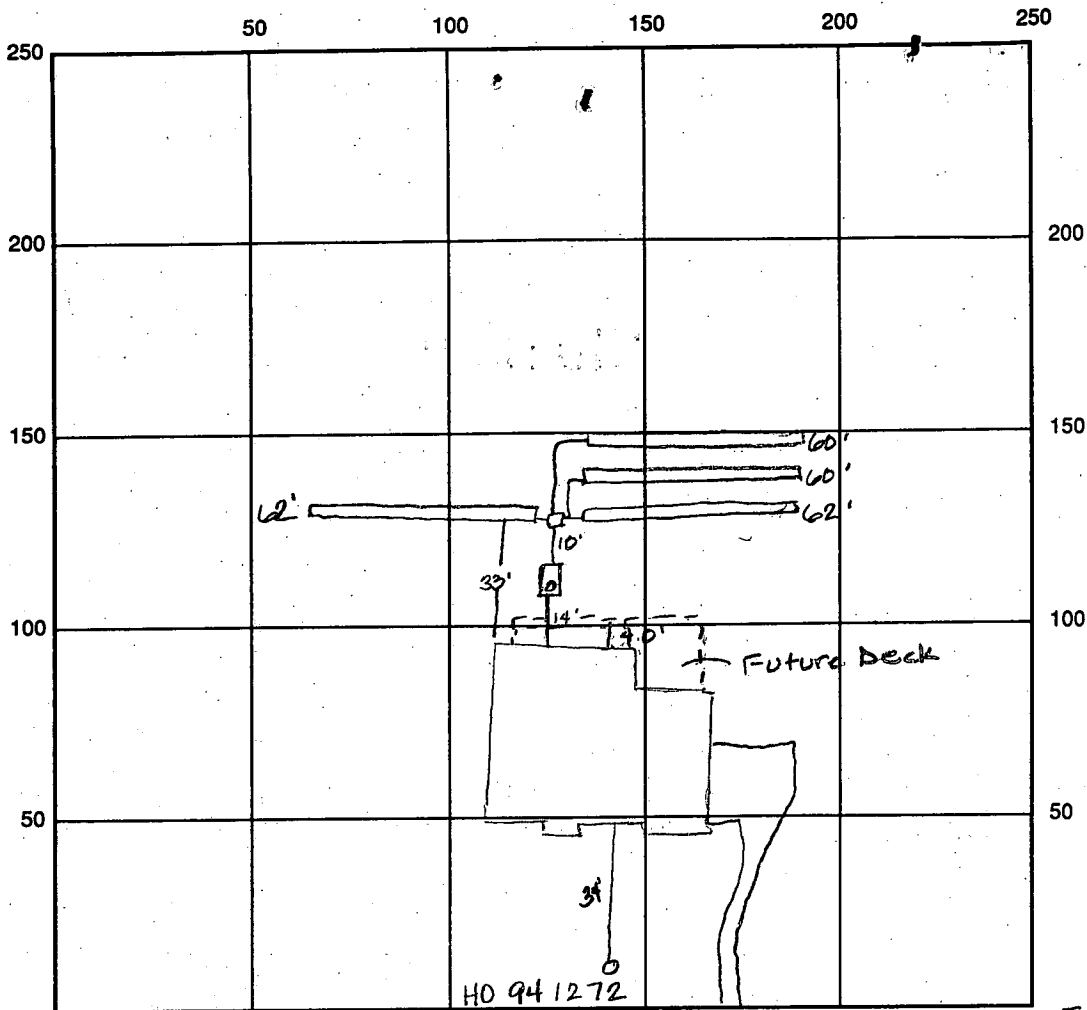
PERMIT VOID AFTER TWO YEARS

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**

A50617-N



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Barley Field Way

SEPTIC TANK LEVEL OK 1250 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 4.5 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 2.5 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 244 FT.

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 732 SQ. FT. $\frac{244}{3} = 732$

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 12/22/97 OK to cover all work final. Although approved BP Plan shows ST. <100' from well - actual locations on-site maintain 100' separation ALM 1-13-97 spoke w/ builder (Michael Phaf) about restrictions on deck due to tank location - max 4' wide deck) he acknowledged & proposed landing to deck to allow use of french doors above S.T. see --- above for proposal ALM

DATE SYSTEM APPROVED 12/22/97 INSPECTOR A Mc Mille

APPLICATION

PERCOLATION TESTING

A 50617-N

P _____

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

DISTRICT _____

DATE 3-30-95

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 Thomas Powell c/o Land Design & Development, Inc. Trinity Custom Homes

ADDRESS 10805 Hickory Ridge Rd., Columbia 21044 PHONE (410) 740-2100

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Powell Property LOT NO. 12

ROAD AND DESCRIPTION off of Marriottsville Road, Howard County, MD

(11346 BARLEY FIELD WAY)

TAX MAP 10 PARCEL # 27, 29, 151

~~BLDG. PERMIT SIGNED~~

~~AND RETURNED 10-22-97~~

Serial # B0070884

SIZE OF LOT 40,000 sq. ft. TYPE BLDG. single family home - 4Brm
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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. _____
(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

A-50617-N
COUNTY #

1072 SOIL PROFILE
0' 1070 1074

0.5' brn
CL
mica

1.5' reddish
brn
SL
mica

Saprolite
mix

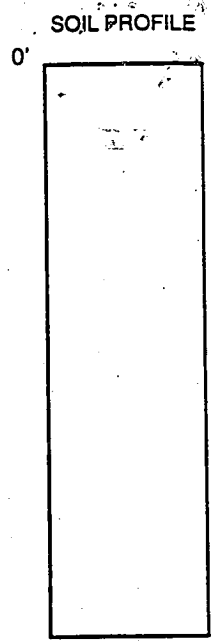
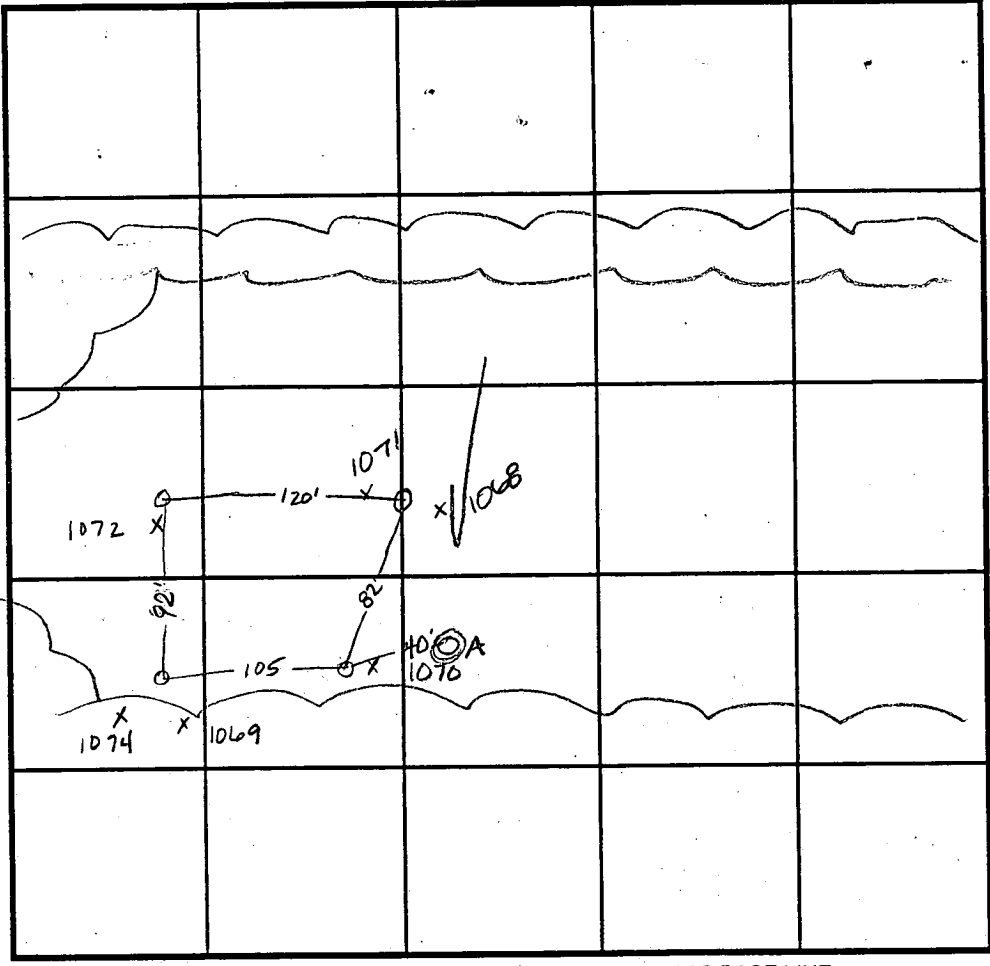
10' grey/brn
SL
mica

1068

5' orange
brn
CL

brn
SL
mica
chunks
w/ grey
spots
from
decayed
mica.

12'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-23-94	1070	3.5 V12	1:08 ³⁰	1:08 ⁴⁵	1:08 ⁴⁵	1:09 ¹⁵	30sec
	1070	repour	1:09 ³⁰	1:10 ¹⁵	1:10 ¹⁵	1:11 ¹⁵	1min
	1072	8' V10.5	1:13 ¹⁰	1:14 ³⁰	1:14 ³⁰	1:17 ³⁰	2 1/2 min
	1072	4.5 V10.5	1:14 ⁴⁵	1:15 ³⁰	1:15 ³⁰	1:16 ³⁰	30sec
	1072	repour	1:16 ¹⁵	1:17 ¹⁵	1:17 ¹⁵	1:18 ¹⁵	1min
	1074	4' V12	1:19 ⁰⁵	1:19 ⁴⁵	1:19 ⁴⁵	1:20 ³⁰	45sec
	1074	repour	1:21 ⁰⁵	1:22 ⁰⁵	1:22 ⁰⁵	1:23 ¹⁵	1 1/4 min
	1068	Visual to 12'					OK
	A	Visual to 7'	hard bottom @ 7'				F

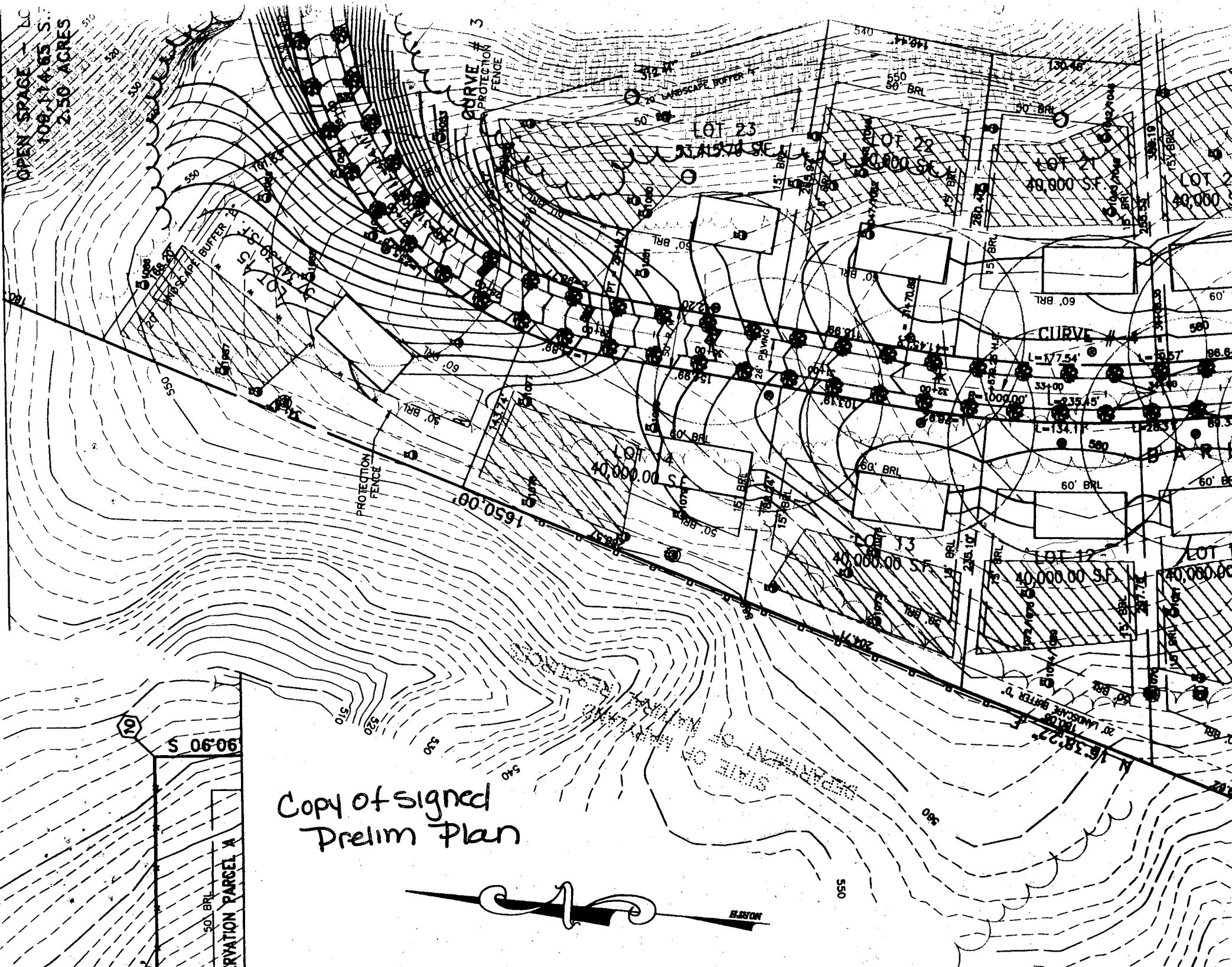
REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Dan Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 min TRENCH WIDTH 3'

INLET DEPTH 2.5 MAXIMUM BOTTOM DEPTH 4.5 SQ. FT./BEDROOM 180ft²



OPEN SPACE - 1.00
108.114.63 S.
2.50 ACRES

COPY OF SIGNED
PRELIM PLAN



10
S 06.06
50' BRL
RESERVATION PARCEL A

BLISTON

C1 9580

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A 50617N

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 10/4/97

Depth of Well 400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-1272

OWNER Trinity Homes STREET OR RFD Barney Field Way TOWN Marriothsville SUBDIVISION Woodfords Grant SECTION LOT 12

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries: Top soil, Mica, Sandstone, Blue Rock, GOT WATER AT.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (12), NO. OF ROUNDS (12), GALLONS OF WATER (12), DEPTH OF GROUT SEAL (80).

CASING RECORD: casing types (ST, CO, PL, OT), MAIN CASING TYPE (DL, 64, 42), Nominal diameter (64), Total depth (42).

OTHER CASING (if used) table with columns: diameter inch, depth (feet) from, to.

SCREEN RECORD: screen type or open hole (ST, BR, HO, PL, OT), SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN.

NUMBER OF UNSUCCESSFUL WELLS: 0, WELL HYDROFRACTURED (Y, N).

CIRCLE APPROPRIATE LETTER: A (abandoned), E (electric log), P (test well converted).

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: MWD/MSD/MGD, DRILLERS LIC. NO. 143, DRILLERS SIGNATURE (handwritten).

LIC. NO., SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

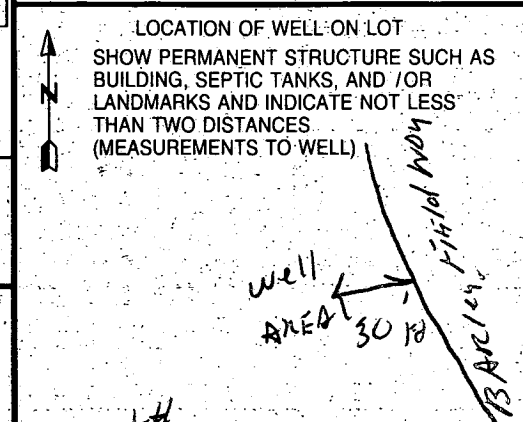
DEPTH (nearest ft.) table with columns 1-51, values: 10, 41, 400.

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.

PUMPING TEST: HOURS PUMPED (3), PUMPING RATE (4.6), METHOD USED TO MEASURE PUMPING RATE (Submersible), WATER LEVEL (138, 275), TYPE OF PUMP USED (S submersible).

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O), CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (+ above, - below).



9

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

40-94-1272 fill in this form completely

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

Date Received (APA)

082297

OWNER INFORMATION

TRINITY HOMES, 212 DEVON DRIVE, EOLAMBIA MD 21044

B 3

LOCATION OF WELL

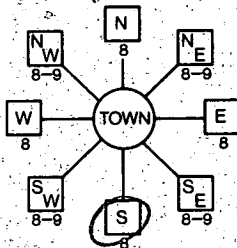
HOWARD COUNTY, WOODFORD GARDEN, SECTION T LOT 12, MARRIOTTSVILLE, 5.2 MILES FROM TOWN

DRILLER INFORMATION

Perry Harley, MSD/MGD/MWD License No. 143, Harley Drilling & Pump System, Box 160 Walkersville, MD 21797

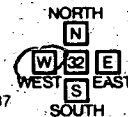
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



BANLEY FIELD WAY NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD

ENTER FT OR MI

TAX MAP: BLK: PARCEL

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 3, AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Home (single or double household unit only), Farming, Industrial, Commercial, State and Federal Gov. Other, Public or private water company, Test, observation, monitoring

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard CO, A 50617N, DATE ISSUED 090897, A McMillan 9/8/98, NORTH GRID 545000, EAST GRID 827000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered), JETTED, Jetted & DRIVEN, AIR-ROtary, AIR-PERcussion, ROTARY (Hydraulic Rotary), CABLE, REverse-ROtary, Drive-POINT

REPLACEMENT OR DEEPEMED WELLS

(CIRCLE APPROPRIATE BOX)

- This well will not replace an existing well, This well will replace a well that will be abandoned and sealed, This well will replace a well that will be used as a standby-contact local approving authority for policy on standby wells, This well will deepen an existing well

Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER GAP, FORCE AM PERMIT No. 40-94-1272

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

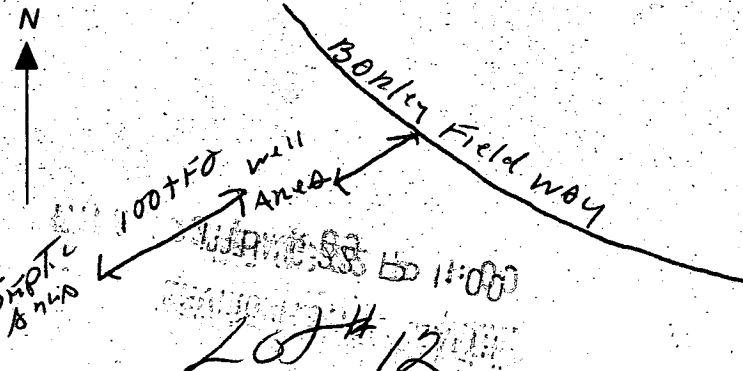
SOURCES OF DRILLING WATER

- 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE

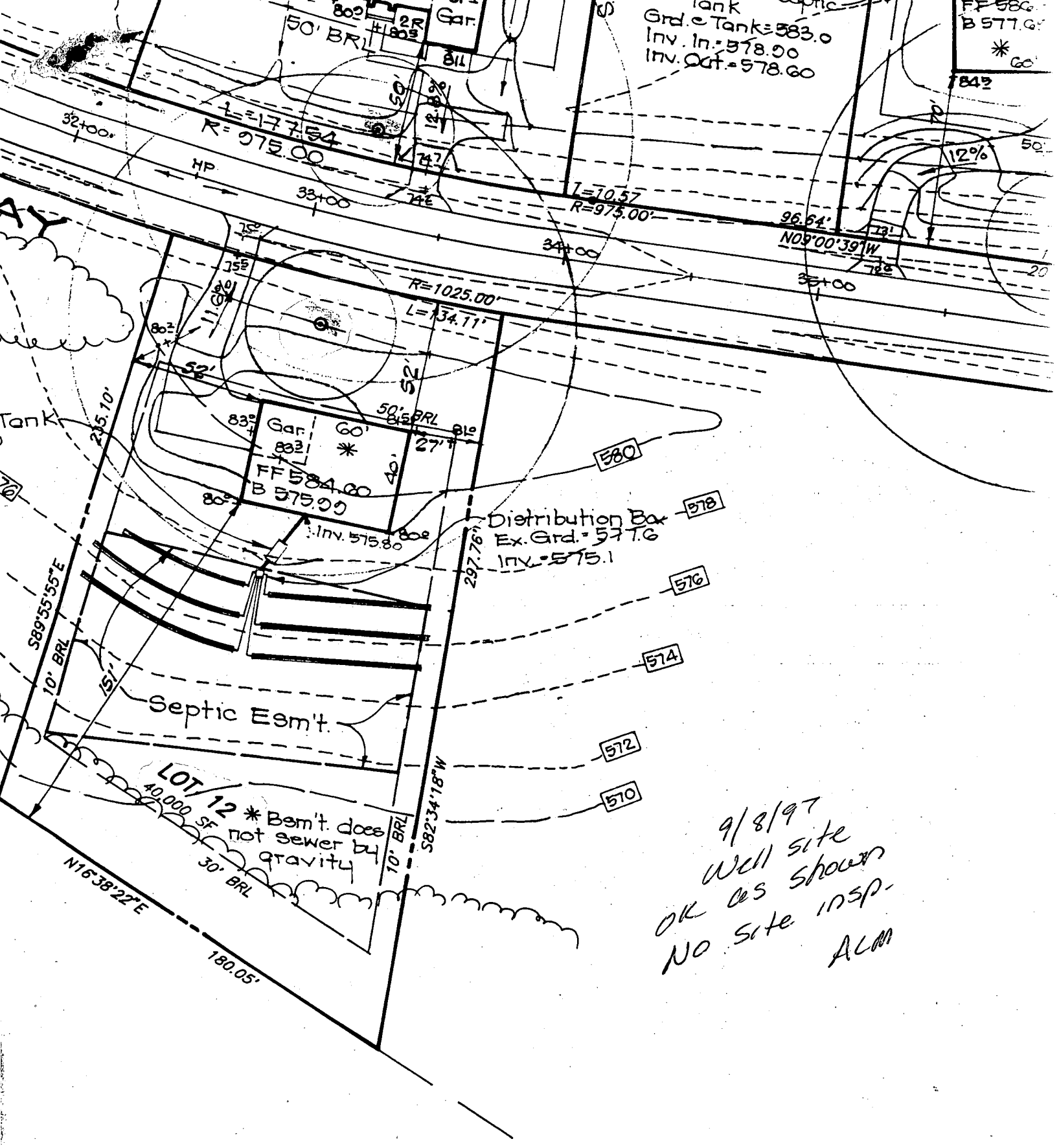
827, 545

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SPECIAL CONDITIONS

NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =



9/8/97
 Well site
 OK as shown
 No site insp.
 ALM

ENGINEER'S CERTIFICATE

I hereby certify that this plan for Sediment and Erosion Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservat. District.

11346
Barley Field
Way
Lot 12

1250 Gallon Septic Tank
Grd. @ Tank = 578.30
Inv. In = 575.50
Inv. Out = 575.20

DISTRIBUTION BOX
EX. GRD. = 577.6
INV. = 575.1

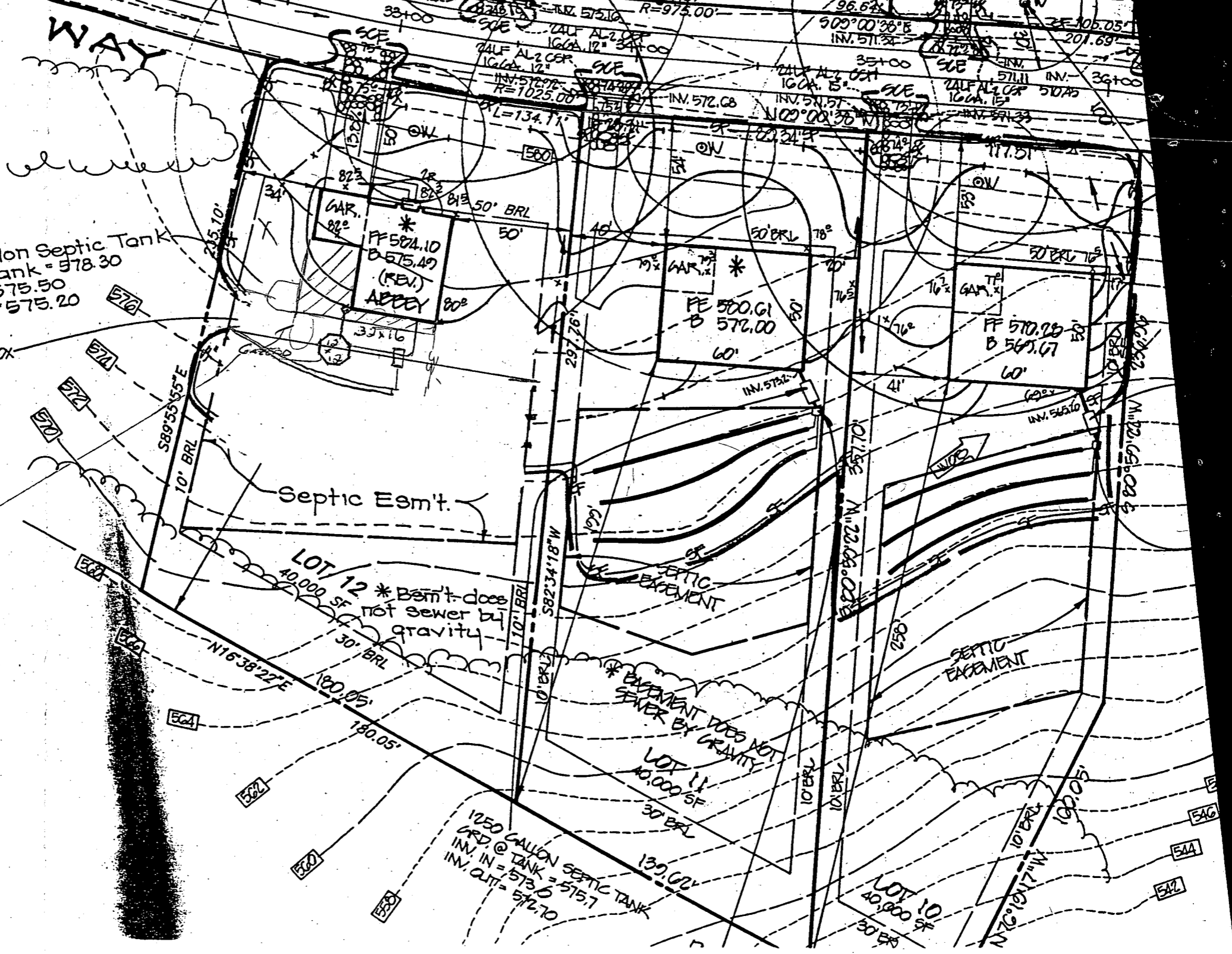
SOURCES

Builder Deck Proposed
Deck too close to
tank & drain fields
after

Ken Smith
410-265-7629

BUILDER'S CERTIFICATE

Recording



RECEIVED
HOWARD COUNTY HEALTH DEPT
ENVIRONMENTAL HEALTH

1999 JUN 10 PM 2:10

50617-N

Eliminated
that part of deck
near truck
& replaced w/ landscaping.

Gazebo 19' from
Drain Field
& 24' from
truck
Lattice
Screens

APR 10
JUN 10/99

PROPOSAL
ACCEPTED
AS PER
APPLICANT'S
REVISIONS
DESCRIBED
DIMENSIONS
6/10/99
Craig Miller
How Co HEALTH

T&G ROOFING
w/ CEDAR

15' x 15'
4 TREX

Steps
to Garage

PROPOSED
TRUCK

ELECTRIC

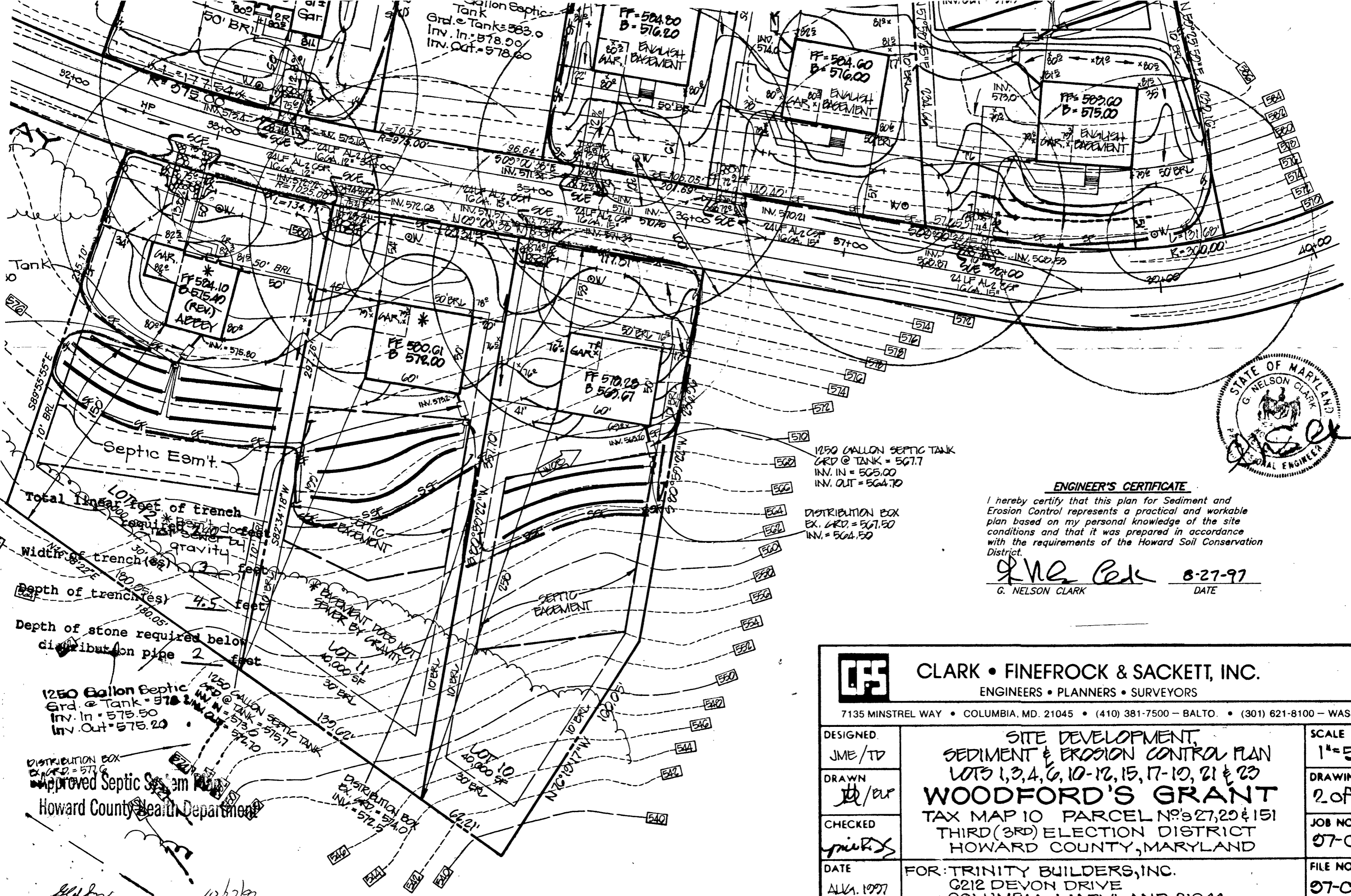
ELECTRIC TO GAZEBO
DRAWN FILE
OUTLET & BOX FOR FAN
EXISTING
HOUSE

CLEAN OUT
60" x 68" POOL

DECK
w/ TREX

STOP WORK
STOPPING at 7:00
6/10/99
CLEAN


Handwritten notes on the left side of the page, including:
- "this program was good idea" (crossed out)
- "I suggest it over the" (crossed out)
- "you might not expect" (crossed out)
- "we do not have" (crossed out)
- "so proceed" (crossed out)
- "showing" (crossed out)
- "is 19.0" (crossed out)
- "to align" (crossed out)
- "this edge" (crossed out)
- "6/10/99" (crossed out)
- "6/10/99" (crossed out)



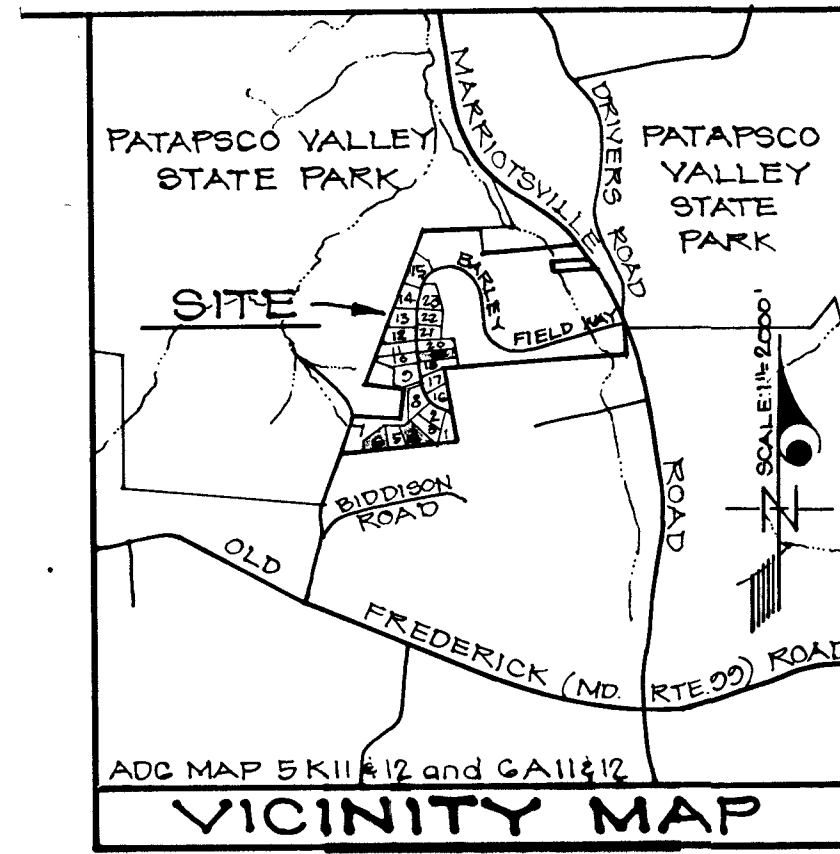
ENGINEER'S CERTIFICATE

I hereby certify that this plan for Sediment and Erosion Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

G. Nelson Clark 8-27-97
 G. NELSON CLARK DATE

 CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.		
DESIGNED JME/TD	SITE DEVELOPMENT, SEDIMENT & EROSION CONTROL PLAN LOTS 1, 3, 4, 6, 10-12, 15, 17-19, 21 & 23 WOODFORD'S GRANT TAX MAP 10 PARCEL NO'S 27, 29 & 151 THIRD (3RD) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 50'
DRAWN JD/eur		DRAWING 2 of 3
CHECKED [Signature]		JOB NO. 07-013
DATE AUG. 1997	FOR: TRINITY BUILDERS, INC. 6212 DEVON DRIVE COLUMBIA, MARYLAND 21044	FILE NO. 07-013X

[Signature]
 Signature Date 10/27/97



ES 01 N 50 10 100
100 100 100
100 100 100