

9/4/90 noon
9/5/90 noon

PERMIT

File

P 46504

A 35833

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 5th

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH
461-9933

05-375371

DATE 10/22/90

DATE SYSTEM APPROVED 9/5/90

INSPECTOR C.B.O.

INDEXED

Jack Fyock

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS PHONE

SUBDIVISION Abe N. Weissbrodt Property ROAD 4511 Ten Oaks Road LOT 1

PROPERTY OWNER

ADDRESS

*NOTE: Contractor must request sanitarian to inspect a visual hole at lowest part of sewage disposal area prior to trench installation.

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

Add'l - Pool
BLDG PERMIT SIGNER
RETURNED 9-28-95
Serial #61998

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start first trench 220 feet from the west (507.00) lot line and 100 feet from the north (340.00) lot line. Run trenches along contour toward east part of property.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 5-31-90 JED

PLANS APPROVED BY Raymond Hodges cm DATE 12/12/89

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

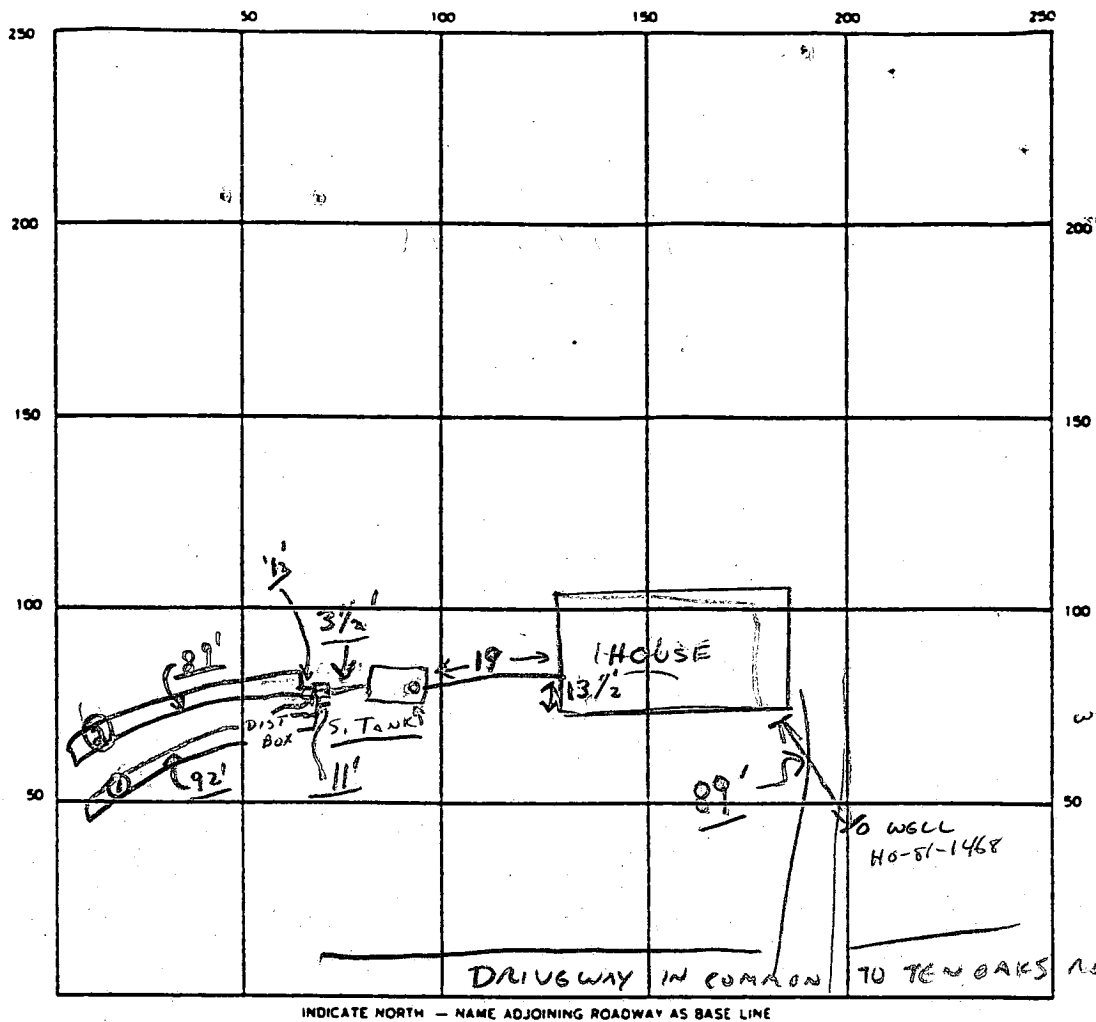
NOTE DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

HD-260

1-35833



SEPTIC TANK. LEVEL OK CLEANOUTS S.T. OK

DISTRIBUTION BOX. LEVEL (OK - Baffles in)

DRAIN FIELD/TILE FIELD. DEPTH 8' + avg FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4' + FT. TOTAL LENGTH 89' 3181' FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 724' SQ. FT.

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

ABSORBENT AREA 724' SQ. FT.

REMARKS 9/4/90 TANK & DIST. BOX OK 12' OBSERVATION TEST HOLE OK - MICA LOG.

9/5/90 FINAL - OK TO COVER AS FINISH (TRENCH #2) MATERIALS ON SITE,

FINAL.

9/5/90 W.P.I. not done - no inspection - C.R.D.

DATE SYSTEM APPROVED 9/5/90 INSPECTOR Charles Bryan Shuster

TH

631.43'
(N.T.S.)

365°04'22"E

EX. M.

EX WELL

239'

EX. DRIVE

FRONT

187'

EX. SEPTIC
TANK
EX. DIST BOX

EX. RES.

211'

EX. DRAIN
FIELDS

ACCESS

69'

95'

116'

3.7409
AC.

FILTER PAD

24'x40' SWIMMING
POOL

60" HIGH WOOD
FENCE (BY OWNER
AS PER CODE)

155'

277'

60' B.R.L.

30' B.R.L.

SIT
1"

REVISED
NEIL
5TH E
HOWAR

N20°55'40"E

N69°04'20"W

9/28/95
Proposed pool
location
will have
no impact
to existing
well & septic
Amy McMill

C1 00526 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY)	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-35833
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DATE Received [] [] [] [] [] [] 8 13	DATE WELL COMPLETED 1070186 15 20	Depth of Well 22 205 26 (TO NEAREST FOOT)	PERMIT NO. FROM "PERMIT TO DRILL WELL" W0-81-1468 28 29 30 31 32 33 34 35 36 37
OWNER MENGEL last name		NEIL first name	TOWN DAYTON
STREET OR RFD 120 OAKS RD.		SUBDIVISION OLD WEISSBROOK PROP SECTION 1 LOT 1	

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 FROM TO	Check if water bearing
Top Soil	0 2	
Sandy	2 40	✓
Shard Stone	40 45	
Micka	45 75	
Sand Stone	75 80	✓
Micka	80 205	

GROUTING RECORD	
WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N	
TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC	
NO. OF BAGS 13	NO. OF POUNDS 1300
GALLONS OF WATER 28	
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 17 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 PL Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 50

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

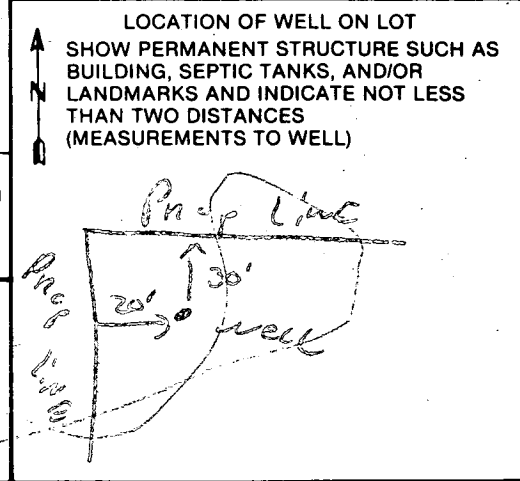
C2	
DEPTH (nearest ft.)	
1 170 8 9	11 48 15 205 17 21
2 [] 23 24	26 [] 30 32 [] 36
3 [] 38 39	41 [] 45 47 [] 51
SLOT SIZE 1 2 3	
DIAMETER OF SCREEN [] [] [] (NEAREST INCH)	

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)	
(E.R.O.S.)	
70 []	72 []
TELESCOPE CASING	LOG INDICATOR
OTHER DATA	

C3	
PUMPING TEST	
HOURS PUMPED (nearest hour) 3	
PUMPING RATE (gal. per min. to nearest gal.) 6	
METHOD USED TO MEASURE PUMPING RATE Bucket	
WATER LEVEL (distance from land surface)	
BEFORE PUMPING 25	WHEN PUMPING 80
TYPE OF PUMP USED (for test)	
A air	P piston
C centrifugal	R rotary
J jet	S submersible

PUMP INSTALLED	
DRILLER WILL INSTALL PUMP YES 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: 29	
CAPACITY: GALLONS PER MINUTE (to nearest gallon)	31 35
PUMP HORSE POWER	37 41
PUMP COLUMN LENGTH (nearest ft.)	43 47
CASING HEIGHT (circle appropriate box and enter casing height)	+ above
	- below
LAND SURFACE 2 (nearest foot)	



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 10.17.13 "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. 273	
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Ralph E. Mayne	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	

TEN OAKS DRIVE

N00°00'34"E
18.44'

S64°39'13"E
N64°39'13"W
EXIST. NAK DRIVE
638.00'
631.43'

PARCEL 1
MENGEL PROPERTY

SEPTIC SYSTEM DATA

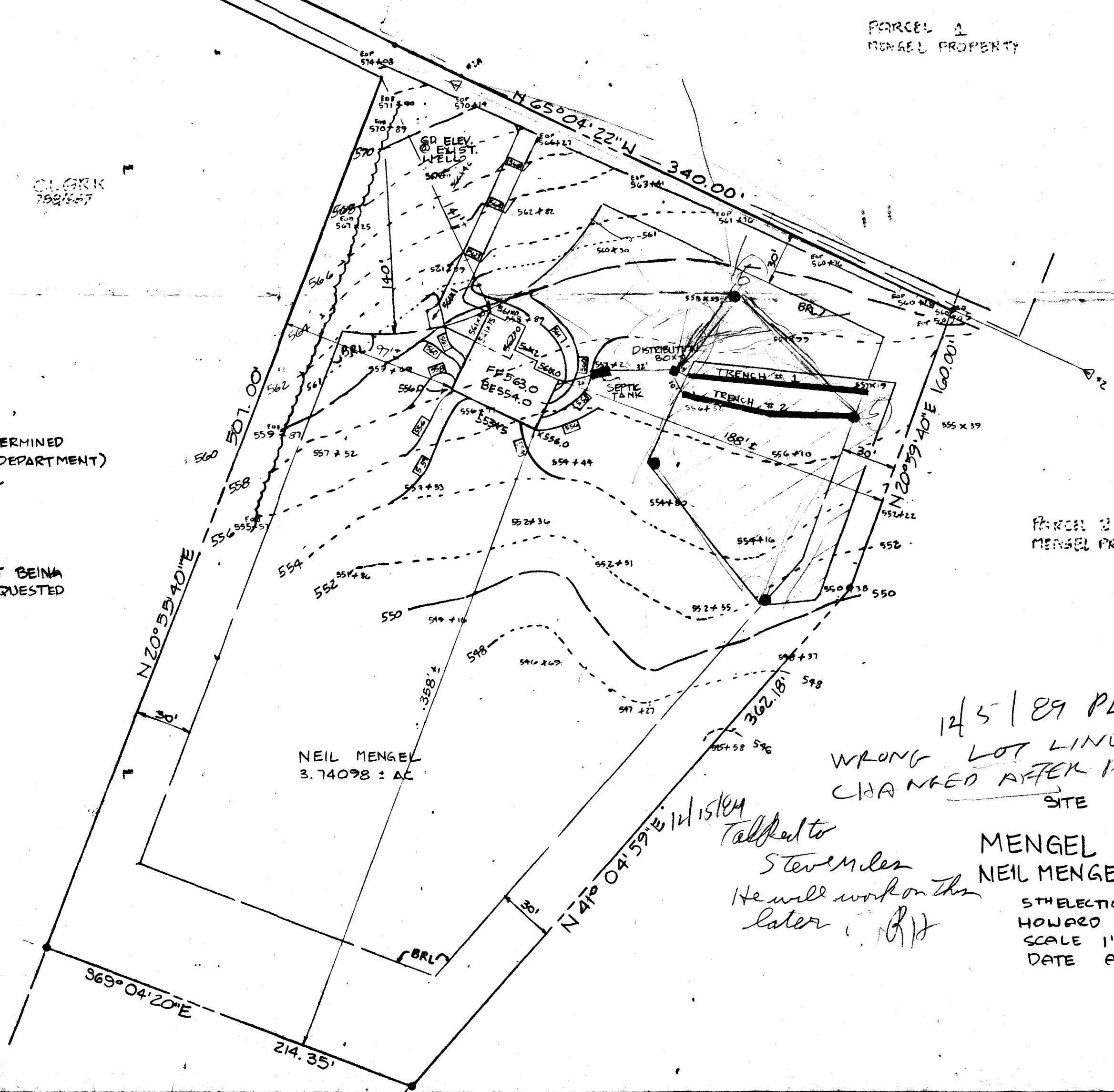
INV. @ HOUSE	554.40
<u>SEPTIC TANK</u>	
EX. GRADE	557.50
FIN. GRADE	557.30
INV. IN	554.00
INV. OUT	553.75
<u>DISTRIBUTION BOX</u>	
EX. GRADE	557.00
FIN. GRADE	557.00
INV. IN	553.10
INV. OUT	553.10

TRENCHES (LENGTH AND NUMBER TO BE DETERMINED BY HOWARD COUNTY HEALTH DEPARTMENT)

	TRENCH # 1	TRENCH # 2
EX. GRADE	557.0	556.3
FIN. GRADE	557.0	556.3
INV. IN	553.0	552.3

NOTE: GRAVITY SEWER SERVICE IS NOT BEING PROVIDED TO BASEMENT AS REQUESTED BY OWNER.

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD
SUITE 106 & 107
ELLICOTT CITY, MD. 21043
(301) 461-9563



PARCEL 2
MENGEL PROPERTY

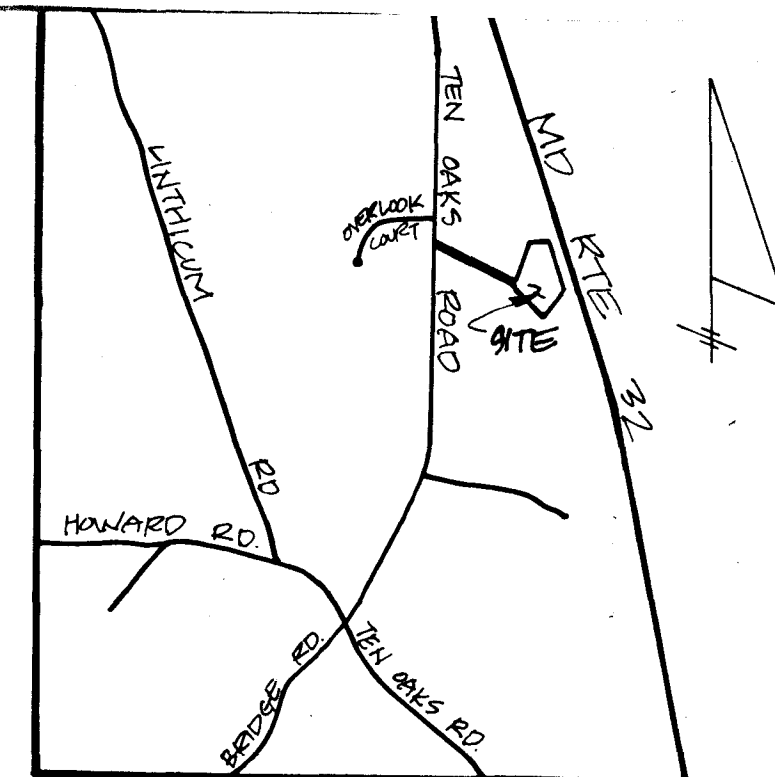
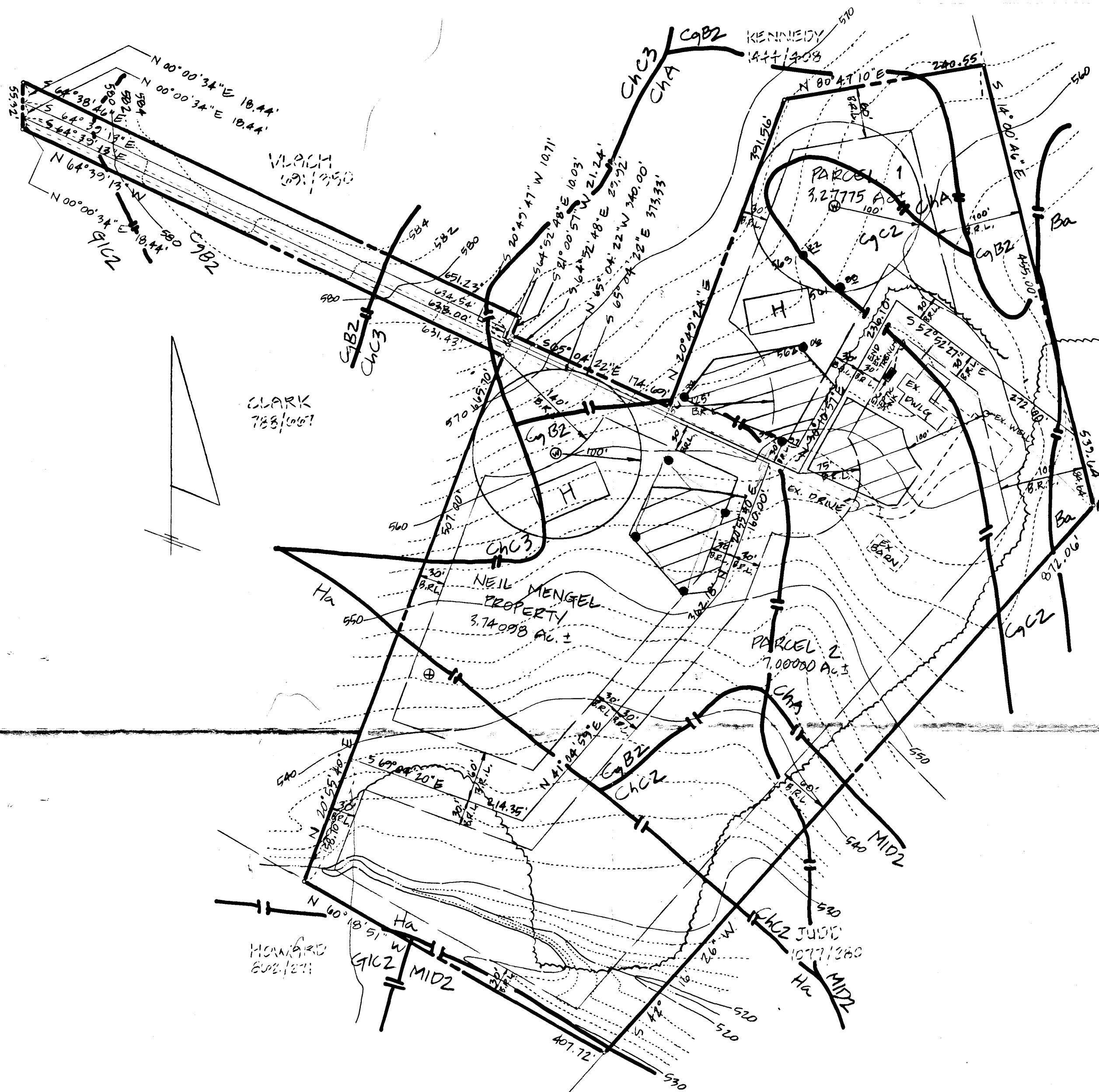
12/5/89 PLANS
WRONG LOT LINES APPARENTLY
CHANGED AFTER PERC
SITE PLAN

Talked to
Steve Miles
He will work on this
later. Rjt

MENGEL PROPERTY
NEIL MENGEL PROPERTY

STATION DISTRICT
HOWARD COUNTY
SCALE 1"= 50'
DATE AUG 17, 1989

TEN OAKS ROAD



VICINITY MAP
SCALE: 1" = 2000'

S.R.L.
PLAT 27593

APPROVED: FOR PRIVATE WATER & PRIVATE SEWER SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

James B. B. B.
COUNTY HEALTH OFFICER

8-9-59
DATE

G. G. G. G.
G. GLOTT SHANABERGER
PROFESSIONAL LAND SURVEYOR #10849

DATE

1. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 #± AS REQUIRED BY THE MD STATE DEPT. OF HEALTH & MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL & VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT, RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
2. THE LOT(S) SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD STATE DEPT. OF HEALTH & MENTAL HYGIENE.
3. B.R.L. DESIGNATES BUILDING RESTRICTION LINE.

4. SUBJECT PROPERTY ZONED AS PER 8-2-85 COMPREHENSIVE ZONING PLAN.
5. DESIGNATES PROPOSED WELL LOCATION.
6. DESIGNATES PROPOSED HOUSE LOCATION.
7. DESIGNATES SUCCESSFUL PERC TEST WITH ELEVATION.
8. DESIGNATES UNSUCCESSFUL PERC TEST.

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITES 106 & 107
ELLICOTT CITY, MD 21043
(301) 461-2563

PERC TEST PLAT
MENGEL PROPERTY
PARCELS 1 & 2 AND THE NEIL MENGEL PROPERTY

5TH ELECTION DISTRICT
HOWARD COUNTY, MD
SCALE: 1" = 100'
DATE: AUG 8, 1989