

"COL-07"
1/16/92
1:00 P.M.

Tax ID-05-41149

PERMIT

File

SEWAGE DISPOSAL SYSTEM

P 47732

A 43886

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 5th

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

DATE 4/10/92

DATE SYSTEM APPROVED 1/16/92

INSPECTOR C.B.

INDEXED

T & R Plumbing and Heating, Inc.

IS PERMITTED TO INSTALL X ALTER

ADDRESS P. O. Box 345, Savage, Maryland 20763

PHONE 725-2392

SUBDIVISION Mengel Property LOT Parcel 1 ROAD 4501 Ten Oaks Road

PROPERTY OWNER Marc Jaffe

ADDRESS

SEPTIC TANK CAPACITY 1000 GALLONS

1/16 (Bigger) (C.B.)

NUMBER OF BEDROOMS 3

250 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 250

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 90 feet from front lot line on the south side of the lot and 50 feet from the west side of the lot. Run the trenches both directions west and east.

NOTE - No trench to exceed 200 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. O/K 9/17/91 R12

PLANS APPROVED BY Raymond Hodges cm DATE 8/9/91

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.

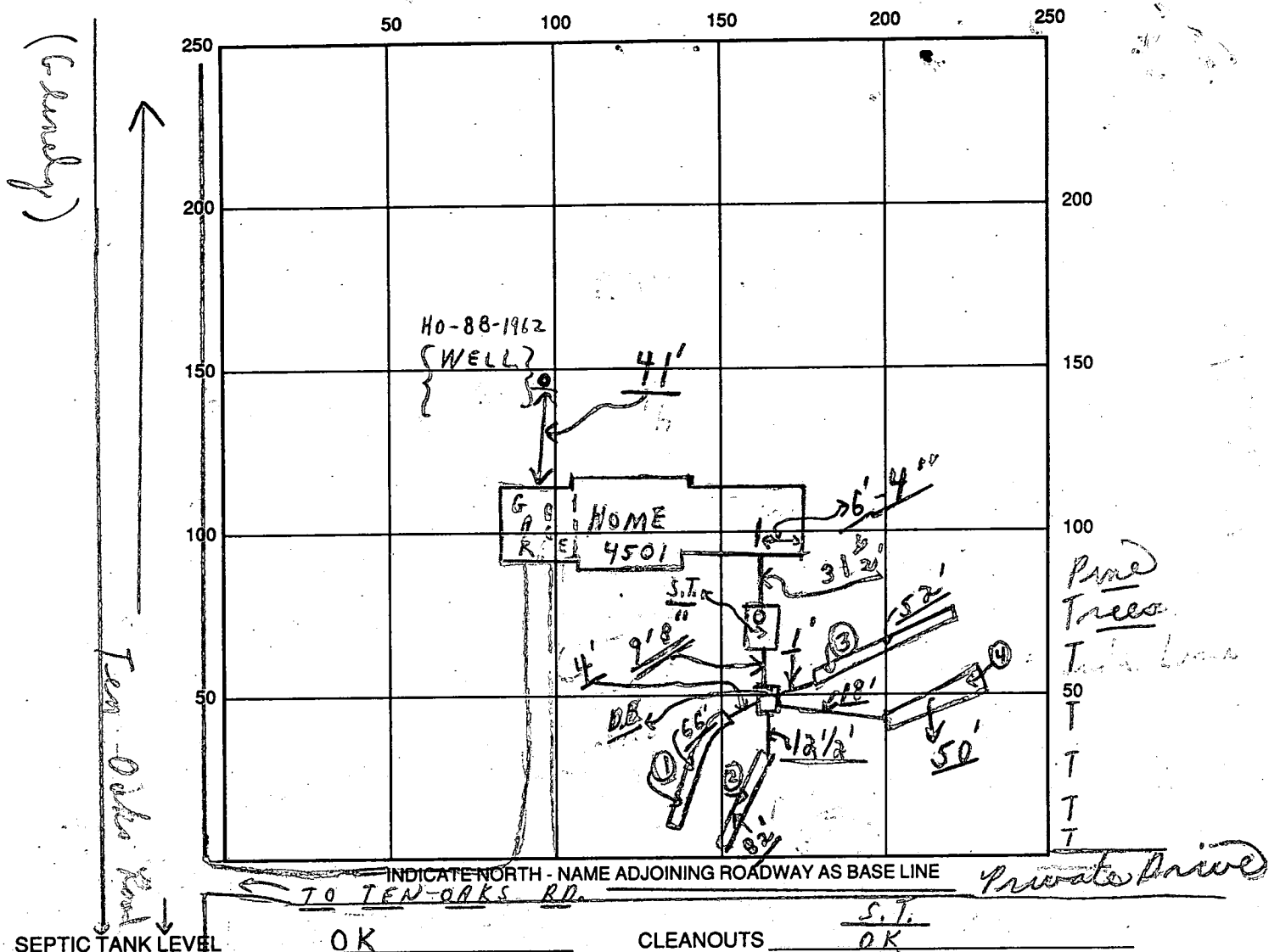
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A 43886



SEPTIC TANK LEVEL OK CLEANOUTS S.T. OK

DISTRIBUTION BOX LEVEL OK (V-Baffle is in)

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH (1) 66' (2) 82' (3) 52' (4) 50' } 250'

NUMBER OF TRENCHES 4 ONE SIDEWALL / BOTTOM AREA 950 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 950⁺ SQ. FT.

REMARKS: 1/16/92 P.M. - Final - covers all work.

S.C.B.

1/16 W.P.I. - obs to cover line) & pitless adapter @ water well.

DATE SYSTEM APPROVED 1/16/92 INSPECTOR Charles Byron Theaker

APPLICATION

Bldg. - JACKIE YATES
301-369 4000

PERCOLATION TESTING

A 43886

P _____

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

B.P. - 39123

DISTRICT 5TH

DATE 3-21-89

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 JAMES C. MENGEL Marc Jaffe

ADDRESS 4451 TEN OAKS RD, DAYTON, MO. PHONE 405-7743
631-5535

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION N/A LOT NO. NEW - B

ROAD AND DESCRIPTION ADJOINING PROPERTY TO 4451 TEN OAKS RD,

DIVIDING 7 ACRE LOT INTO 2 ADJOINING LOTS

TAX MAP 28 PARCEL # 243

SIZE OF LOT 3.00 ACRES (CURRENTLY 7.07 ACRES) TYPE BLDG. N/A SFD
(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.

James C. Mengel
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED

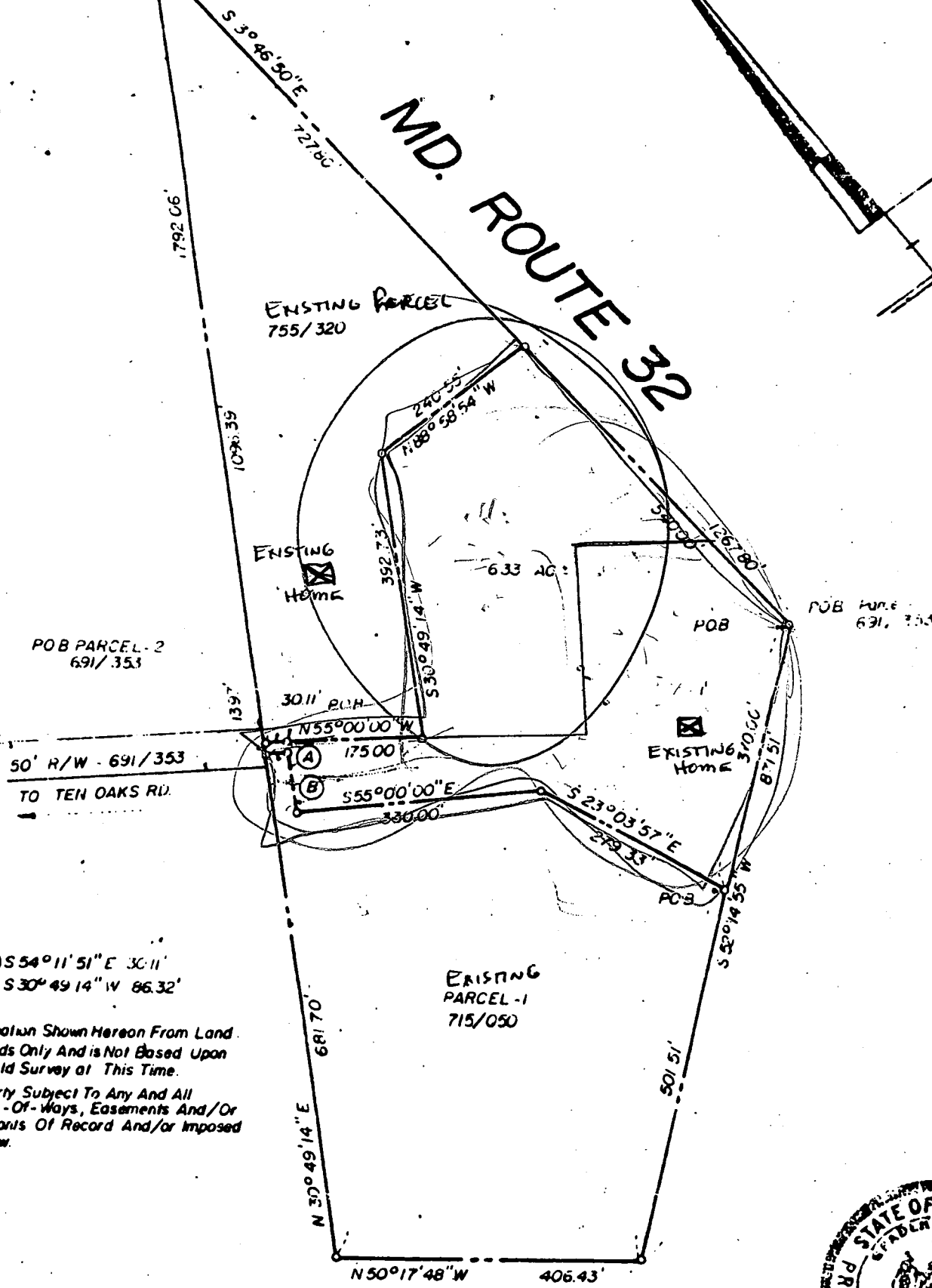
AND RETURNED

9/13/91
Permit # 39123
SFD - 3 Bedrooms

THIS IS NOT A PERMIT

Hole #4 common hole For Repair Lot
REMARKS Require spot elev. at holes + well site. MUST LOCATE SDA FOR ADJACENT PROPERTY
TYPE OF SOIL Chester
TESTED BY S. Abel ALSO PRESENT Meneel Jim

MD. ROUTE 32



- (A) S 54°11'51"E 30.11'
- (B) S 30°49'14"W 86.32'

NOTE: Information Shown Hereon From Land Records Only And is Not Based Upon A Field Survey at This Time.
 Property Subject To Any And All Rights-Of-Ways, Easements And/Or Covenants Of Record And/or Imposed By Law.



NO TITLE REPORT FURNISHED

CERTIFICATION: THIS IS TO CERTIFY THAT THE IMPROVEMENTS INDICATED HEREON ARE LOCATED AS SHOWN. THIS IS NOT A PROPERTY LINE SURVEY AND SHOULD NOT BE USED AS SUCH.

Spaden A. Rogers
 SPADEN A. ROGERS

PROPT. L.S. NO. 119

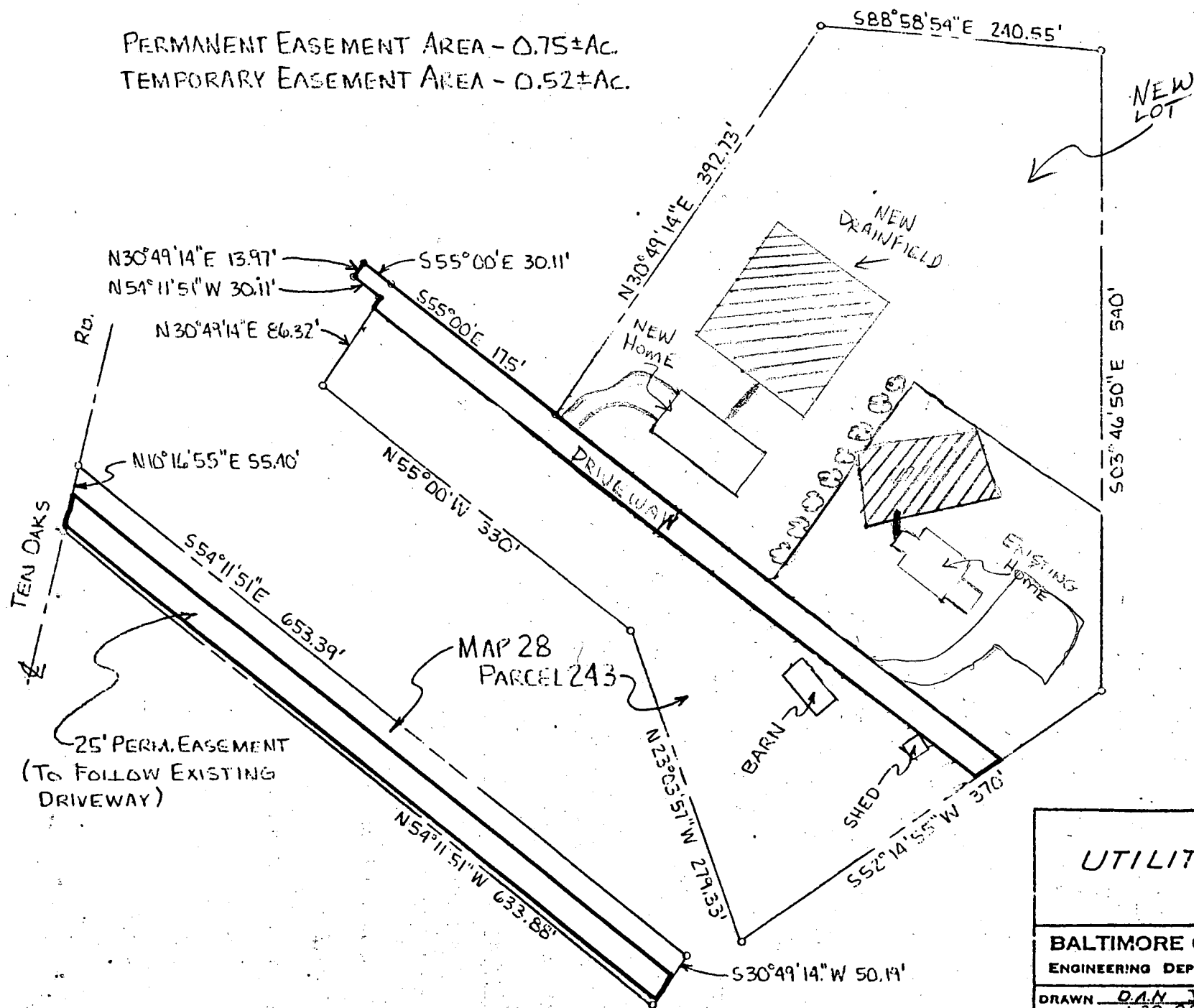
4451 TEN OAKS ROAD
 HOWARD CO., MD.

BER _____ FOLIO _____

ST _____ BLOCK _____ SECT. _____ PLAT _____

AT ENTITLED _____

PERMANENT EASEMENT AREA - 0.75±AC.
 TEMPORARY EASEMENT AREA - 0.52±AC.

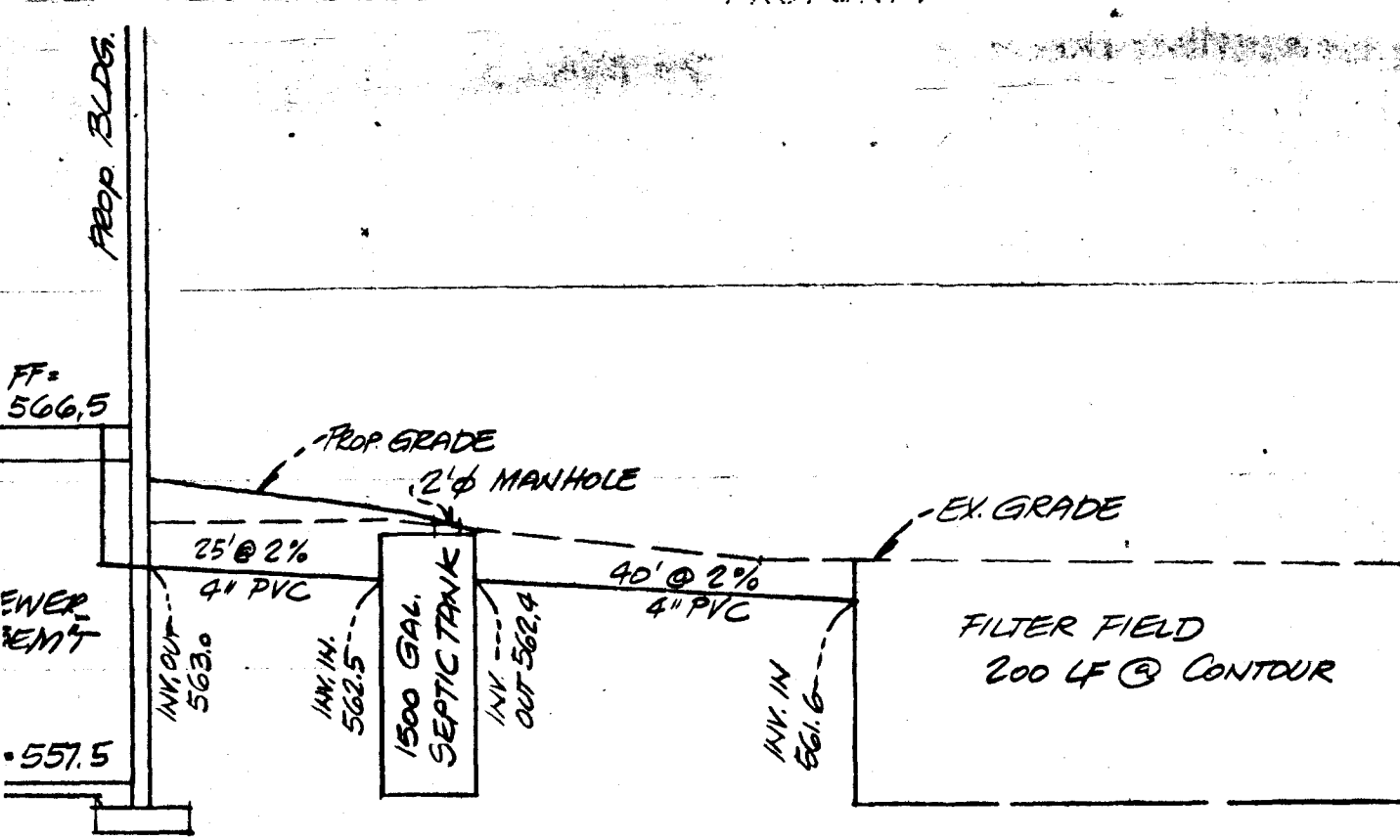
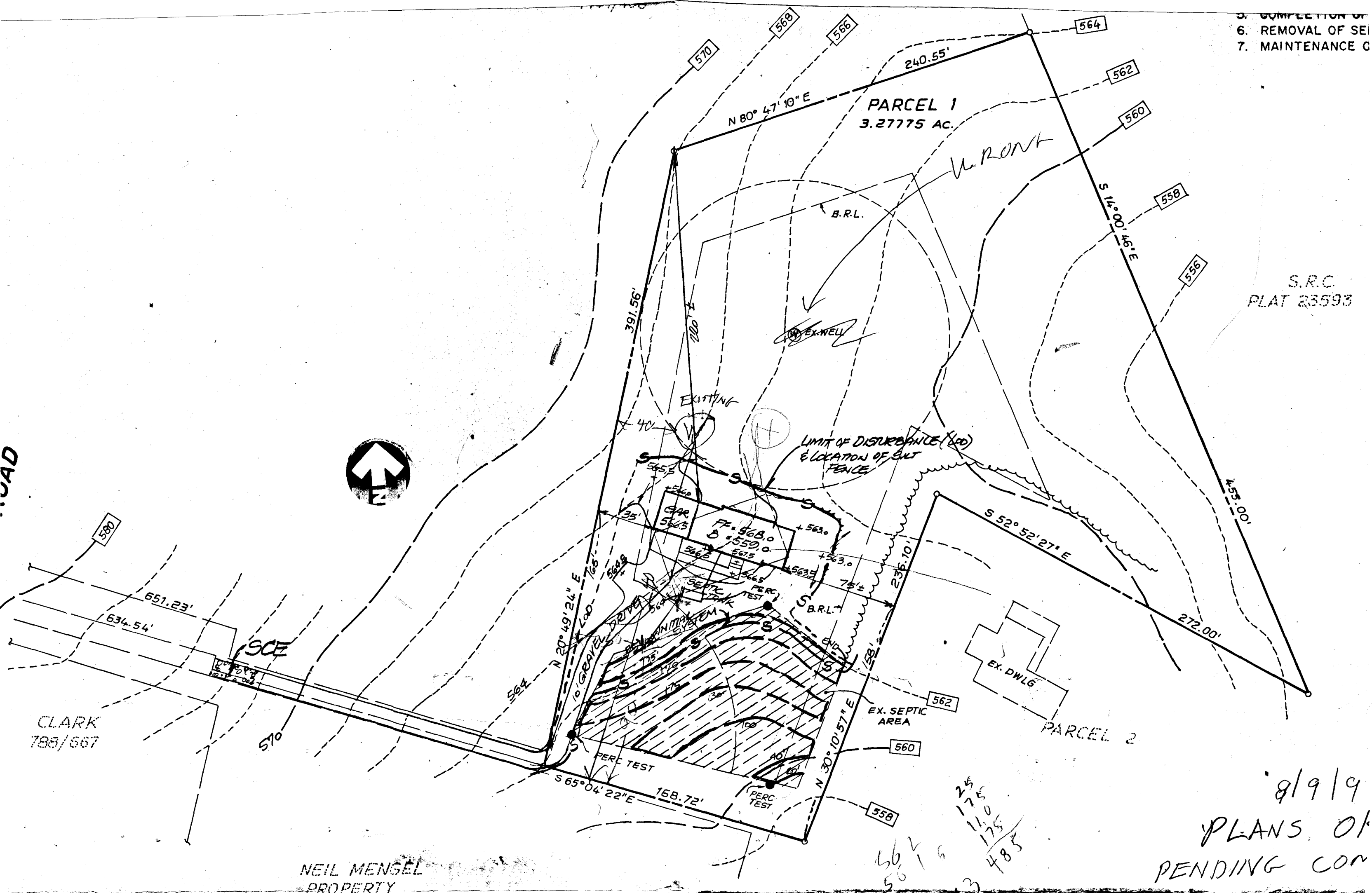


UTILITY EASEMENT

BALTIMORE GAS AND ELECTRIC CO.
 ENGINEERING DEPARTMENT - SPRING GARDENS STA.

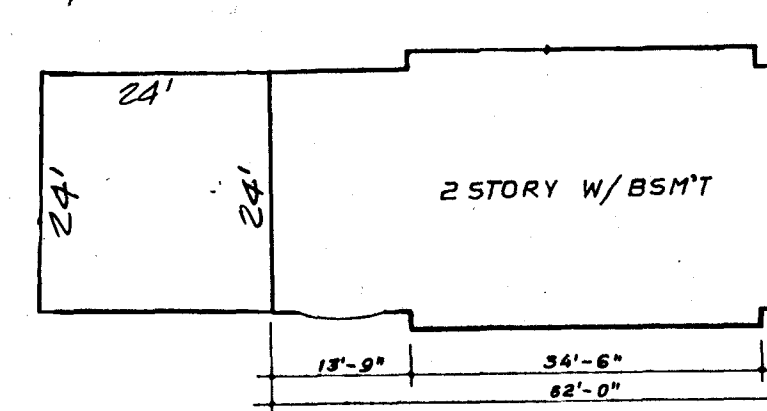
DRAWN D.A.N. J.F.O.
 DATE 1-29-88
 CHECKED _____
 APPROVED _____
 REMARKS _____

SCALE _____
 USE DIMENSIONS ONLY
 8B



PROFILE OF SEPTIC SYSTEM
SCALE: HOR: 1"=20'
VERT: 1"=5'

9/13/91
REVISED PLANS OF
WELL ACTUALLY
DUG PER RED LINE
ACCORDING TO MR & IS OK
RH

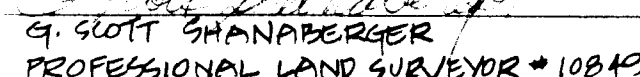


COUNTY, PLANNING AND ZONING Date _____ Date _____	APPROVED: FOR PUBLIC WATER AND SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF WATER AND SEWER- FOR HOWARD COUNTY CITY HEALTH OFFICER _____ DATE _____	"I certify that this plan for erosion and sediment control represents a practical and workable 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". Signature of Engineer _____ Date _____	"I/we certify that all development and construction will be done according to this plan, and any responsible personnel involve 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". Signature of Developer _____ Date _____	REVIEW AND M U.S. S This D Control H
SITE & GRADING PLAN		NO REVISIONS DATE		MEN HC
		1 GRAD. CHANGE & H.L. PER OWNER 6/27/91		

VICINITY MAP
SCALE: 1" = 2000'

S.K.C.
FLAT 23503

8-9-59
DATE

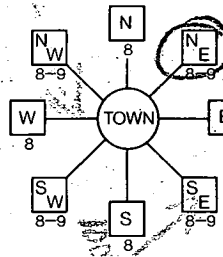
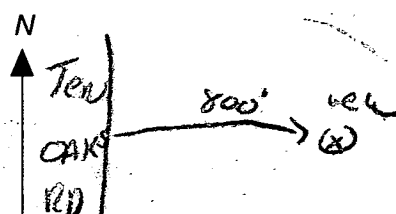


4. SUBJECT PROPERTY ZONED AS PER 8-2-85 COMPREHENSIVE ZONING PLAN.
5. (W) DESIGNATES PROPOSED WELL LOCATION.
6.

H

 DESIGNATES PROPOSED HOUSE LOCATION.
7. ~~5.64~~^{7.5} DESIGNATES SUCCESSFUL PERC TEST WITH ELEVATION.
8. (U) DESIGNATES UNSUCCESSFUL PERC TEST.

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

B 1 6194	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HO-88-1962 <small>fill in this form completely</small>
Date Received (APA) 082091		B 3 LOCATION OF WELL	
OWNER INFORMATION NEW CONCEPT HOMES 13299 BALTOMORE AVE LAUREL MD 20707		HOWARD NONE SECTION 44 46 LOT 48 50 DAYTON MILES FROM TOWN (enter 0 if in town) 1 MI	
DRILLER INFORMATION Ralph Mayne RALPH MAYNE (well drilling) 9120 Brown Church Rd. Mt Airy Ralph Mayne 8/16/91		B 4 TWO OAKS RD. DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST SOUTH EAST DISTANCE FROM ROAD 800 ENTER FT OR MI FT	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard COUNTY NAME STATE SIGNATURE DATE ISSUED 082991 Mark E. R. 2/29/91 NORTH GRID 516000 EAST GRID 0806000	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 8006 N 5106	
APPROXIMATE DEPTH OF WELL 150 FEET APPROXIMATE DIAMETER OF WELL 6" INCH		9/10/91 9:30 Location - OK casing - 60ft open - 40ft well #bags - 15 R/P 9/10/91	
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTARY AIR-PERCUSsion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY Drive-POINT other		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)		Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER FORCE MD WRITE INITIALS IN BOX PERMIT No. HO-88-1962 SPECIAL CONDITIONS well located at 4501 TWO OAKS RD. 369-4000 Jackie Yates	

C14624SEQUENCE NO. (DENV 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.

1236
(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)

COUNTY
NUMBERA 43886

ST/CQ USE ONLY
DATE-Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8131520

091091

2220526
(TO NEAREST FOOT)

40-88-1962
28293031323334353637

OWNERNew Concept Homes
last name4501 Ten Oaks Rdfirst nameTOWNDayton
SUBDIVISIONMENSEL PROPSECTIONLOTParcel 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
FROMTO

Check if water bearing

Top 3.1' 0 2
Sandy 2 50
Sandstone 50 55
MICKA 55 70
Sandstone 70 75
MICKA 75 205

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT(CM)BENTONITE CLAY(BC)

NO. OF BAGS15NO. OF POUNDS1500

GALLONS OF WATER90

DEPTH OF GROUT SEAL (to nearest foot)

from0ft. to40ft.

(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

STEEL(ST)CONCRETE(CO)
PLASTIC(PL)OTHER(OT)

MAIN CASING TYPE

Nominal diameter top (main) casing (nearest inch)

Total depth of main casing (nearest foot)

PL660

OTHER CASING (if used)

diameter inch

depth (feet) from to

SCREEN RECORD

screen type or open hole

insert appropriate code below

STEEL(ST)BRASS(BR)OPEN HOLE(HO)
BRONZE(BR)PLASTIC(PL)OTHER(OT)

C2

DEPTH (nearest ft.)

18911151721
232426303236
383941454751

SLOT SIZE 123

DIAMETER OF SCREEN (NEAREST INCH)

from to

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. 273

DRILLERS SIGNATURE Ralph Wayne

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

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

7072747576

TELESCOPE CASING

LOG INDICATOR

OTHER DATA

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 116

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 17

WHEN PUMPING 19

TYPE OF PUMP USED (for test)

A airP pistonT turbine
C centrifugalR rotaryO other (describe below)
J jetS 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:

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

LAND SURFACE (nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

240'

45'

well