

A# = 40790
Howard
County
MARYLAND

DEPARTMENT OF INSPECTIONS, LICENSES & PERMITS

J. Michael Evans, Director

CANCELLATION NOTICE

DATE: March 22, 2001

- Department of Planning and Zoning
- Bureau of Engineering
- Health Department (Environmental)
- Inspectors: (Building)
- (Plumbing)
- (Electrical)
- (Fire)
- Licenses & Permit Division: (Building)
- (Plumbing)
- Tax Assessment Office
- Owner
- Division of Plan Review
- Sediment Control Division
- Other Contractor - Main Street Builders

RE: Cancellation and/or Expired Permit/Application

Permit Number Building #B00121701
Date of Issue Not Issued
Owner Richard and Donna Mahan
Location 14826 Sapling Way, Glenelg, MD 21737
Description of Work For installing 2 retaining walls 4.5 high one 22' and one 24'
Reason The BOCA National Building Code/1996-Section 107.9
Time Limitation of Application

FROM: *Ann Leeb*

Chief, Licenses and Permit Division
Department of Inspections, Licenses and Permits
Phone Number (410) 313-2455

cancel/cw

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511925

A 40790

DISTRICT _____

DATE 6-3-99

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

05-413-303

DATE SYSTEM APPROVED

6/8/99

INSPECTOR

[Signature]

C & C Utility Service, Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS 7398 Gaither Road, Sykesville, MD 21784

PHONE 410-549-4987

SUBDIVISION The Warfields

LOT 26

ROAD 14826 Sapling Way

PROPERTY OWNER Mahan

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 3.5 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 270 feet up the right (329.66') lot line and 100 feet off the same lot line as seen when facing the lot from Sapling Way. Run trenches along contour in both directions.

NOTES - MAINTAIN MINIMUM 100 FEET FROM WELL TO ALL PARTS OF THE SEPTIC SYSTEM. No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK 4/15/99 DCS*

PLANS APPROVED BY Donna K. Soe/Amy McMillen

DATE 4/02/99

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

PERMIT SIGNED

AND RETURNED

12-14-99

Serial # B 10121701

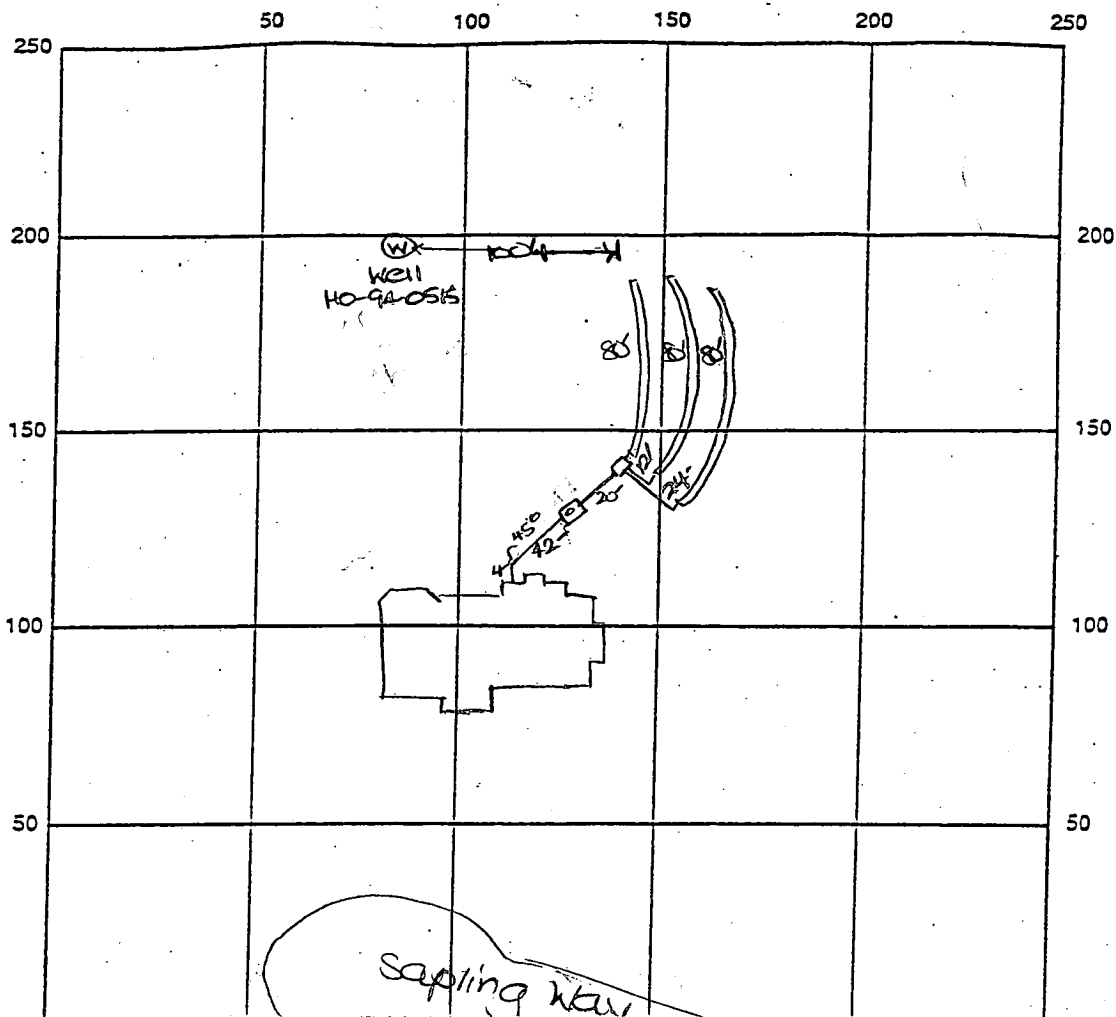
returning wall.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

HD-250(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

40790



08

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS one on sit.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH 3 x 80 FT. → 240

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 6/8/99 FINAL INSP - OK to cover all work. DKS

*WPI OK TO COVER

6/8/99 WPI - well line, P.A. 4.5' below grade; well casing 1.5' above grade; 2pc cap installed; PVC conduit pipe installed;

DATE SYSTEM APPROVED 6/8/99 INSPECTOR J. J. J. J.

APPLICATION

PERCOLATION TESTING

A 40790

P _____

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

DISTRICT 5th

DATE 12/1/87

TO: THE COUNTY HEALTH OFFICER
ELLCOTT CITY, MARYLAND

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

PROPERTY OWNER ~~Kennard Warfield Jr.~~ Richard Mallan

ADDRESS 14663 Triadelphia Rd PHONE 442-2337

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION ~~Sapling Range~~ THE WARFIELDS LOT NO. Lot 26 Preliminary 28

ROAD AND DESCRIPTION 14600 Triadelphia Rd just west of Howard Rd

14824 Sapling Way

TAX MAP 27 PARCEL # 56

BLDG. PERMIT SIGNED

AND RETURNED 4-2-99

Serial # 1510116277

SIZE OF LOT 3 acres TYPE BLDG. SFD - 4Bm
(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. Myrdal Reil
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

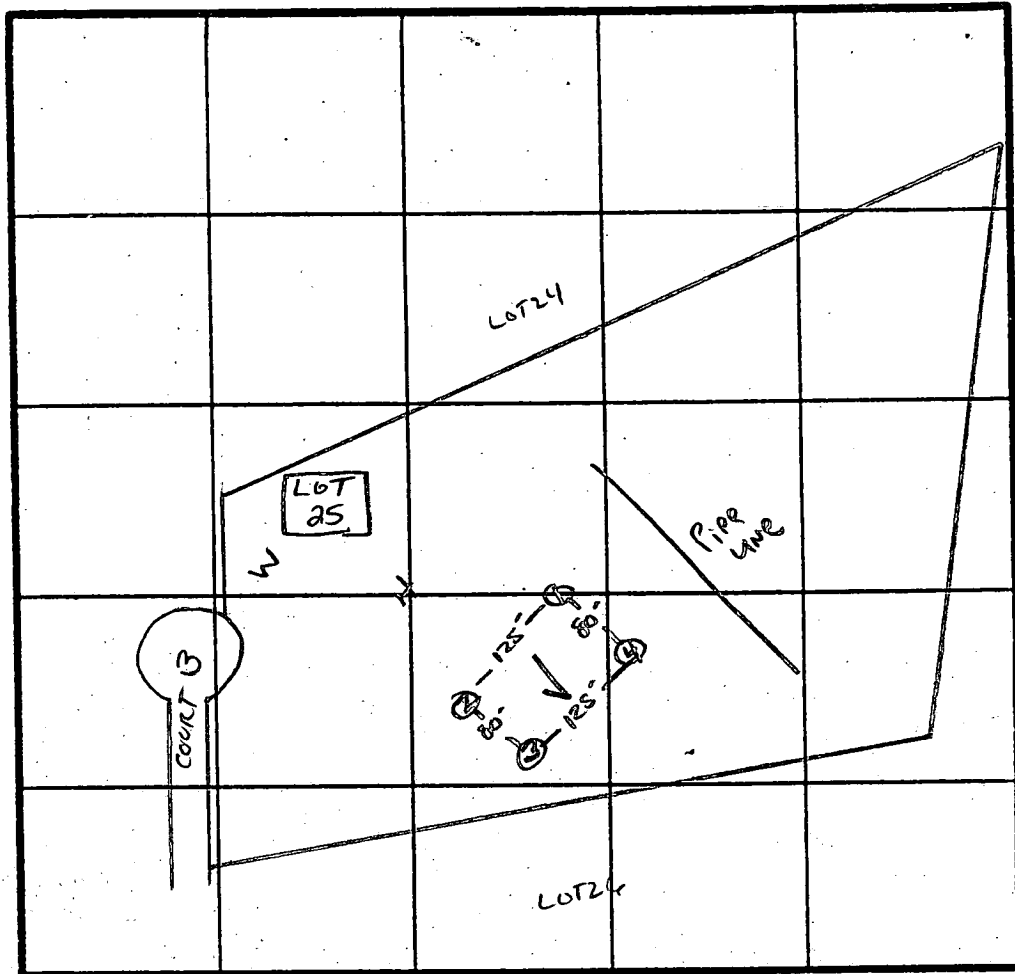
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 2-2-88 PERC SATISFACTORY - HOLD FOR SUBDIVISION PLAT. S&L

THIS IS NOT A PERMIT

① - ④
SOIL PROFILE

| | |
|--------|--|
| 4" | AP |
| 4-4.5" | RED BL. SILT CLAY LOAM 15-20% FRASS |
| | Yellow BR. w/ PINK veins OK SILT LOAM 30-40% FRASS |
| | #2 HARD 10.5" |
| | #1 HARD BOTTOM 11" |



X Perc 6 min
180 D/B
INLET 3.5"
BOTTOM 5.0"

LOT 29

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

↓ TO TRIADELPHIA Rd.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|--------|----------|-------------------|---------|-------|--------------------------------------|----------|--------|
| | | | START | STOP | START | STOP | |
| 2/2/88 | 1 V | 11" HARD BOTTOM | | | UNIFORM soil | below 4" | 1.5" |
| | 2 S | 3" | 12:57 | 12:59 | 12:59 | 1:02 | 3 MIN |
| | M | 3.5" | 12:59 | 1:00 | 1:00 | 1:02 | 2 MIN |
| | 2 V | 12" SIMILAR TO #1 | | | w/ vein of white CHALKY LOAM AT 2-5" | | |
| | 3 S | 4.5" | 12:52 | 12:54 | 12:54 | 12:57 | 3 MIN |
| | V | 12" SAME AS #2 | | | w/ white SAND | | |
| | 4 S | 4" | 12:55 | 1:02 | 1:02 | 1:15 | 13 MIN |
| | V | 10.5" SAME AS #1 | | | | | |

REMARKS HOLES APPROX. PLAT - SHALLOW SYS

TYPE OF SOIL MANOR LOAM

TESTED BY S. Abel ALSO PRESENT P. KETTERMAN & CO
MAR 2

EH-12-1079

C1 2943

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)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A 40790

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER WARFIELD KENNAK JR. STREET OR RFD SAPPING WAY TOWN GLENELG SUBDIVISION THE WARFIELD'S SECTION LOT 26

WELL LOG Not required for driven wells

GROUTING RECORD yes (Y) no (N)

PUMPING TEST

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC)

HOURS PUMPED (nearest hour) 3

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include Top Soil, Sandy Sandstone, MICKA, Sandstone, MICKA, Flint Rock, MICKA.

NO. OF BAGS 10 NO. OF POUNDS 1000 GALLONS OF WATER 60 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 28

PUMPING RATE (gal. per min.) 4 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 73 ft.

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

WHEN PUMPING 115 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot) PL 6 30

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES NO

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

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

NUMBER OF UNSUCCESSFUL WELLS: WELL HYDROFRACTURED YES (Y) NO (N)

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

CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.)

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

DEPTH (nearest ft.) HO 28 345

CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)

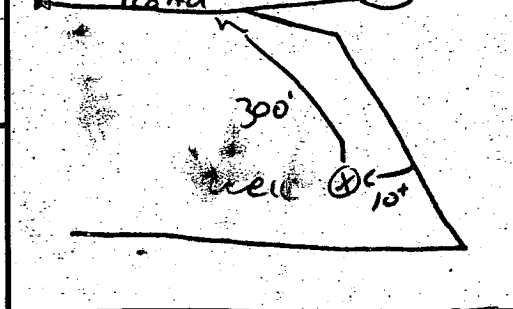
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

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)

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 117 Nath Mayer

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



DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 116 Nath E. Mayer

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94 - 0515
 Location of property (road) SAPLING WAY
 Subdivision THE WARFIELD'S Lot 26 Block Plat Sec.
 Well Driller R. MAYNE Owner R. WARFIELD, JR.

Depth of well 345'
 Distance of measuring point (M.P.) above ground 2'
 Static water level (S.W.L.) below M.P. 73'

I. High rate pumping -- reservoir drawdown

Time pump started 8:15 Pumping rate 106 GPM
 Total time 15 min to reach pumping water level 115 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

| TIME (in 15 minute intervals) | WATER LEVEL below M.P. | PUMPING RATE time to fill <u>I</u> gallon bucket | FLOW METER READING (if used) | CALCULATED FLOW (gallons per minute) |
|-------------------------------|------------------------|--|------------------------------|--------------------------------------|
| 8:30 | 115 ft | 15 Sec | | 4 GPM |
| 8:45 | 115 ft | 15 Sec | | 4 GPM |
| 9:00 | 115 ft | 15 Sec | | 4 GPM |
| 9:15 | 115 " | 15 " | | 4 " |
| 9:30 | 115 " | 15 " | | 4 " |
| 9:45 | 115 " | 15 " | | 4 " |
| 10:00 | 115 ft | 15 Sec | | 4 GPM |
| 10:15 | 115 ft | 15 Sec | | 4 GPM |
| 10:30 | 115 ft | 15 Sec | | 4 GPM |
| 10:45 | 115 " | 15 " | | 4 " |
| 11:00 | 115 " | 15 " | | 4 " |
| 11:15 | 115 ft | 15 Sec | | 4 GPM |
| 11:30 | 115 ft | 15 Sec | | 4 GPM |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

HD-224 30' CASING 28' OPEN 10-BAYS

B 1 **0519** SEQUENCE NO. (MDE USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

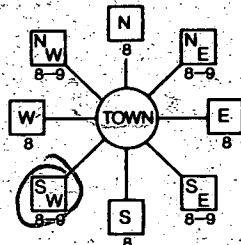
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
H0-94-0515
 fill in this form completely

Date Received (APA) **053095**
 OWNER INFORMATION
WARFIELD KENNARD
 15 Last Name 34 Owner First Name
14663 TRIODELPHIA RD
 36 Street or RFD 55
GLEWELG MD 21737
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
HOWARD
 8 COUNTY 21
THE WARFIELOS
 23 SUBDIVISION 42
 SECTION 44 46 LOT **26**
 48 50
GLEWELG
 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **2** M I
 73 76 77 78

DRILLER INFORMATION CIRCLE: MSD/MGD/MWD
Ralph MAYNE 116
 77 License No. 80
 Driller's Name
Ralph MAYNE (well Drilling)
 Firm Name
5120 Brown Church Rd Mt Airy
 Address
Ralph Mayne 5/26/95
 Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

 NEAR WHAT ROAD
~~Chestnut Ct.~~
Sapping way
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH WEST SOUTH EAST
 34 **25** 37
 DISTANCE FROM ROAD
 ENTER FT OR MI **FT**
 38 39
 TAX MAP: _____ BLK: _____ PARCEL: _____

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**
 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD A 40790
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE _____ INSERT S
 DATE ISSUED **053195** Charles Bryan Stucker 5/31/96
 43 48 CO SIGNATURE EXP. DATE
 NORTH GRID **514000** EAST GRID **0795000**
 50 55 57 63

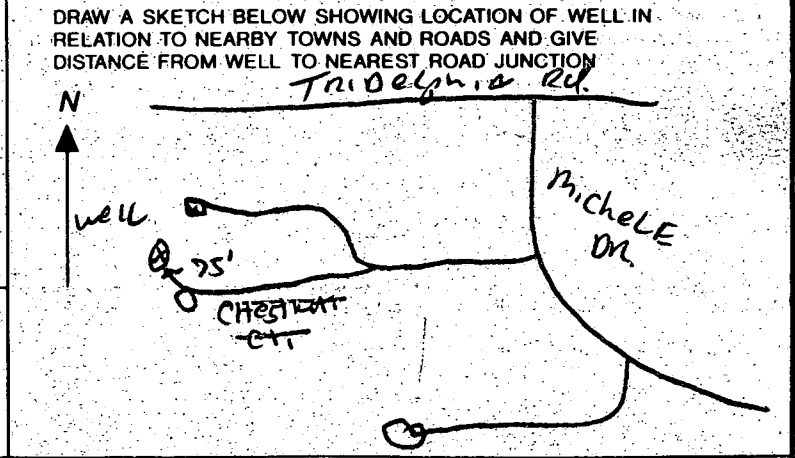
APPROXIMATE DEPTH OF WELL **150** FEET
 24 28

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
 other _____

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 **298**
 N **518**
 000 000
 Growth 9.30
 6-21-95
 30' casing
 28' open
 10 bags
 Amy @
 McMillen

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 DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____



Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROX. PERMIT NUMBER _____ GAP _____
 54 63
 FORCE **CM** WRITE INITIALS IN BOX PERMIT No. **H0-94-0515**
 67 68 70 71 72 73 74 75 76 77 78 79

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

~~44-0022~~

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date _____

Name of Installer JOHN GASKE

Telephone 410-287-6963

License Number 3189

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner ROBTARD MAHAN Telephone 301-572-7614

Subdivision THE WOODFIELDS Lot # 26 Well Tag # HO-94-0515

Site Address 14826 SAPHIRE WAY

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible

2. Make GOULD

3. Model # 50507412

4. Capacity 5 GPM GPM

5. Pump exceeds well capacity Yes _____ No

6. If Yes, is low pressure outoff switch installed? Yes _____ No _____

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____

Motor

1. Horsepower 3/4

2. RPM _____

3. Voltage 230

a. 110 _____

b. 220

Pitless Adapter

1. Make BIOX SS

2. Model # _____

3. Depth 42"

Tank

1. Capacity 60 x 550

2. Pressure relief valve? 120 50

Piping

1. Type 160 LB

2. Size 1"

3. NSF and/or BOCA Code approved

4. Depth of supply line 325

Well data

1. Depth 345 ft.

2. Yield 4 GPM

3. Static water level _____ ft.

4. Will water supply be disinfected by installer? NO


I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: John Gaske

Date: 6-3-99

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

 THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND 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 SHALL NOT BE NECESSARY.

PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN AS "



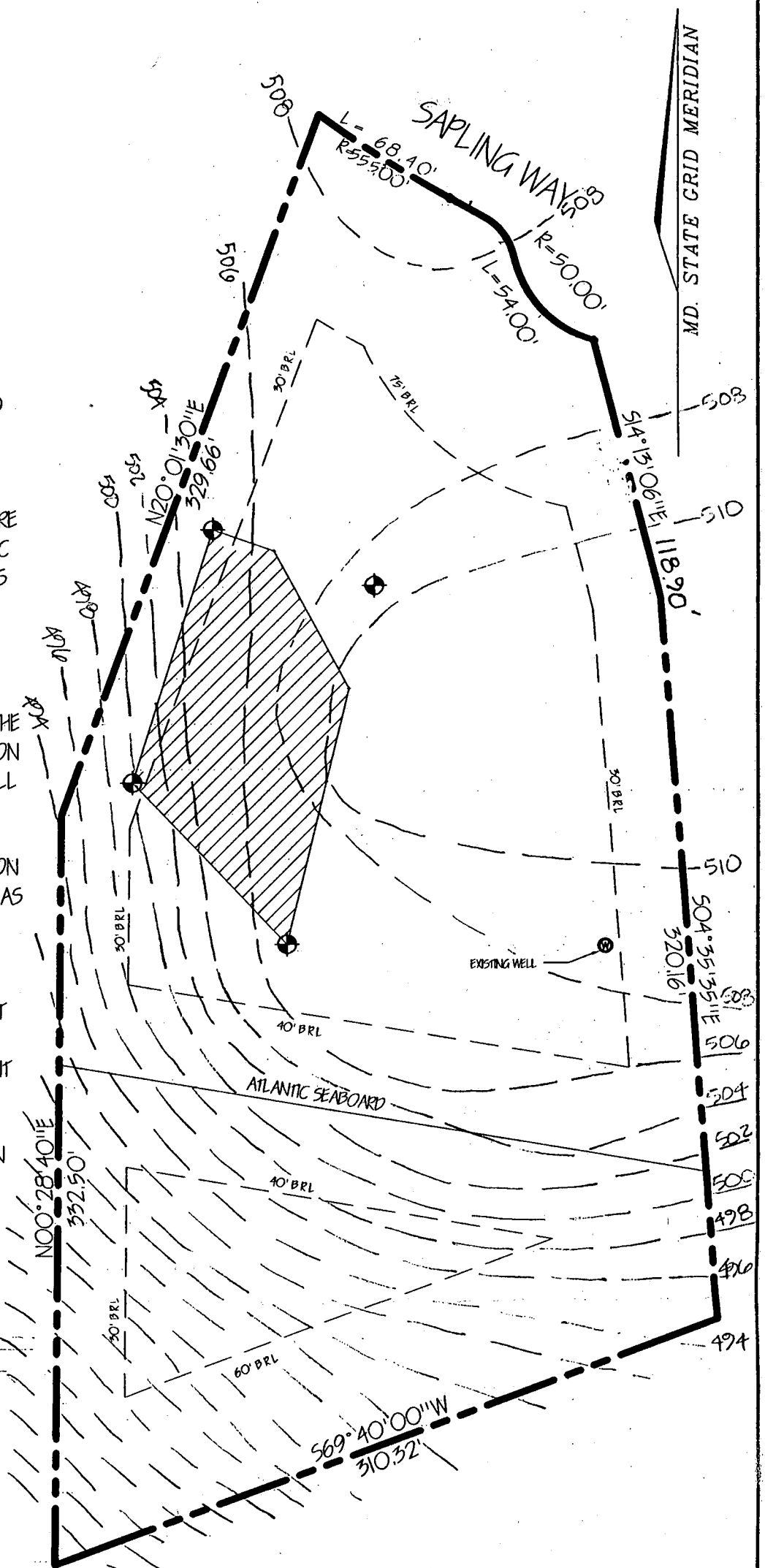
THE LOTS SHOWN HEREON COMPLY WITH MINIMUM OWNERSHIP WIDTH AND THE LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT

PERCOLATION AREAS AND WATER WELLS FOR ADJOINING LOTS HAVE BEEN SHOWN WHERE PERTINENT.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEM

Gary Sue Baker
 COUNTY HEALTH OFFICER

DATE: 4-1-99



RECORD REFERENCES

LIBER/FOLIO _____

PLAT BOOK _____

PLAT NO./FOLIO 9587

SCALE 1"=100'

DATE 3/29/99

PERCOLATION TEST PLAT

LOT 26, THE WARFIELDS

THE MAHAN PROPERTY

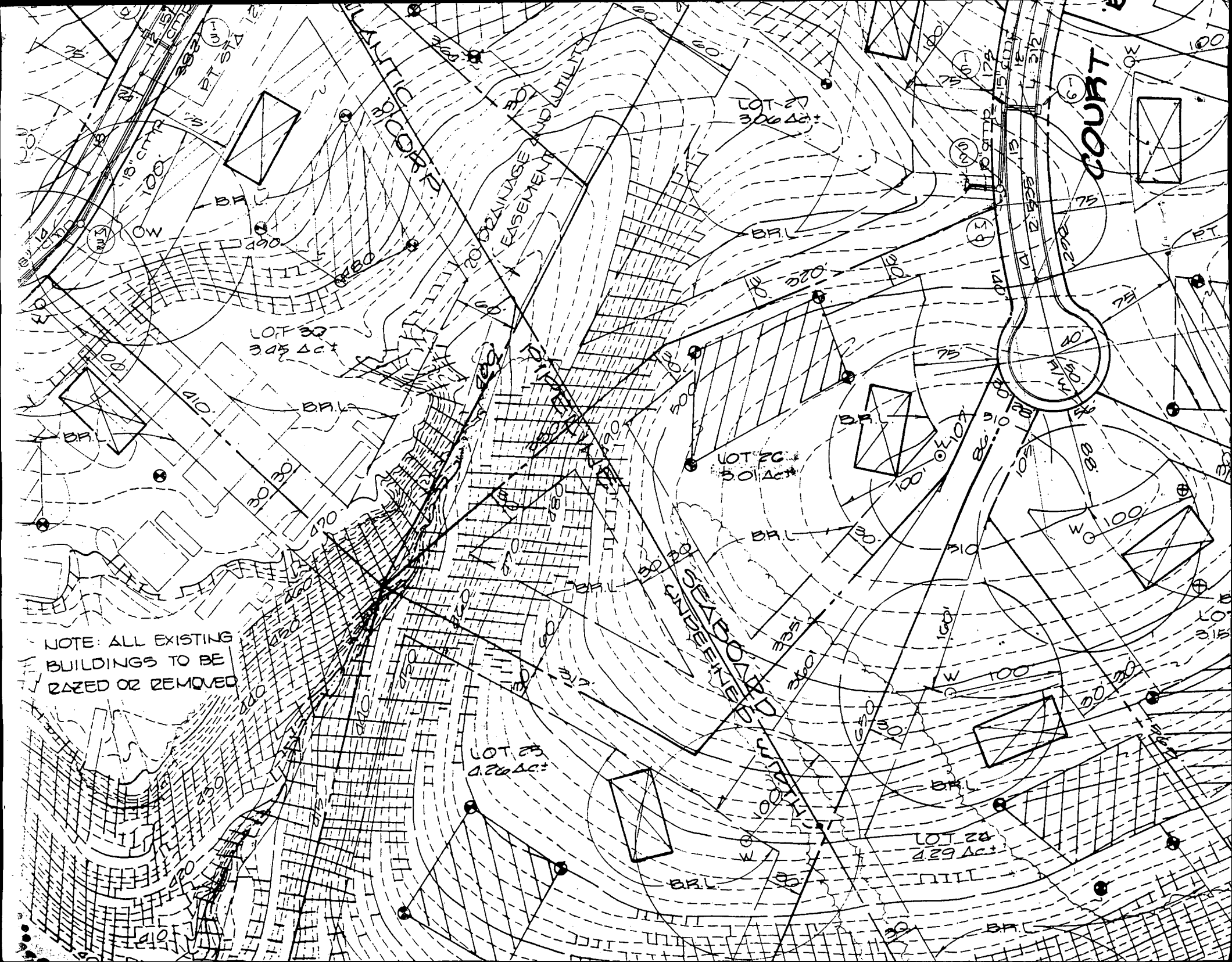
HOWARD COUNTY MARYLAND

MARKS & ASSOCIATES

CONSULTING SURVEYORS-LAND PLANNERS
 4531 COLLEGE AVENUE ELLICOTT CITY, MARYLAND
 TELEPHONE (410) 747-8738 FAX (410) 747-8739

Erik C. Marks

ERIK C. MARKS R.P.L.S. #607



NOTE: ALL EXISTING BUILDINGS TO BE RAZED OR REMOVED

LOT 30
305 Act

LOT 29
300 Act

LOT 28
301 Act

LOT 28
276 Act

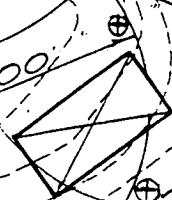
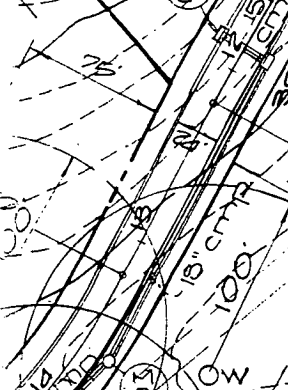
LOT 24
229 Act

COURT



EASEMENT AND UTILITY

UNDERLYING



S05°12'08"E
41.50'

SHEET

5 OF 9

N85°54'55"E 268.58'

S82°47'16"W 250.33'

921

MATCH LINE
SAPLING WAY
R=555.00'
L=276.45'
208.03'

LOT 27
3.057 AC±

LOT 29
3.001 AC±

20' DRAIN. & UTIL
EASEMT.

413.45'

20' DRAIN. & UTIL
EASMT.

LOT 26
3.045 AC±

N83°17'30"E 371.88'

ATLANTIC SEABOARD
N78°43'33"W 1,892.77'

S19°41'50"E 810.12'

S00°28'40"W 332.50'

366/515
UNDEFINED WIDTH

LOT 30
3.398 AC±

20' DRAIN. & UTIL
EASEMT.

S69°40'00"W 310.32'

N85°33'20"E 411.02'

SHEET

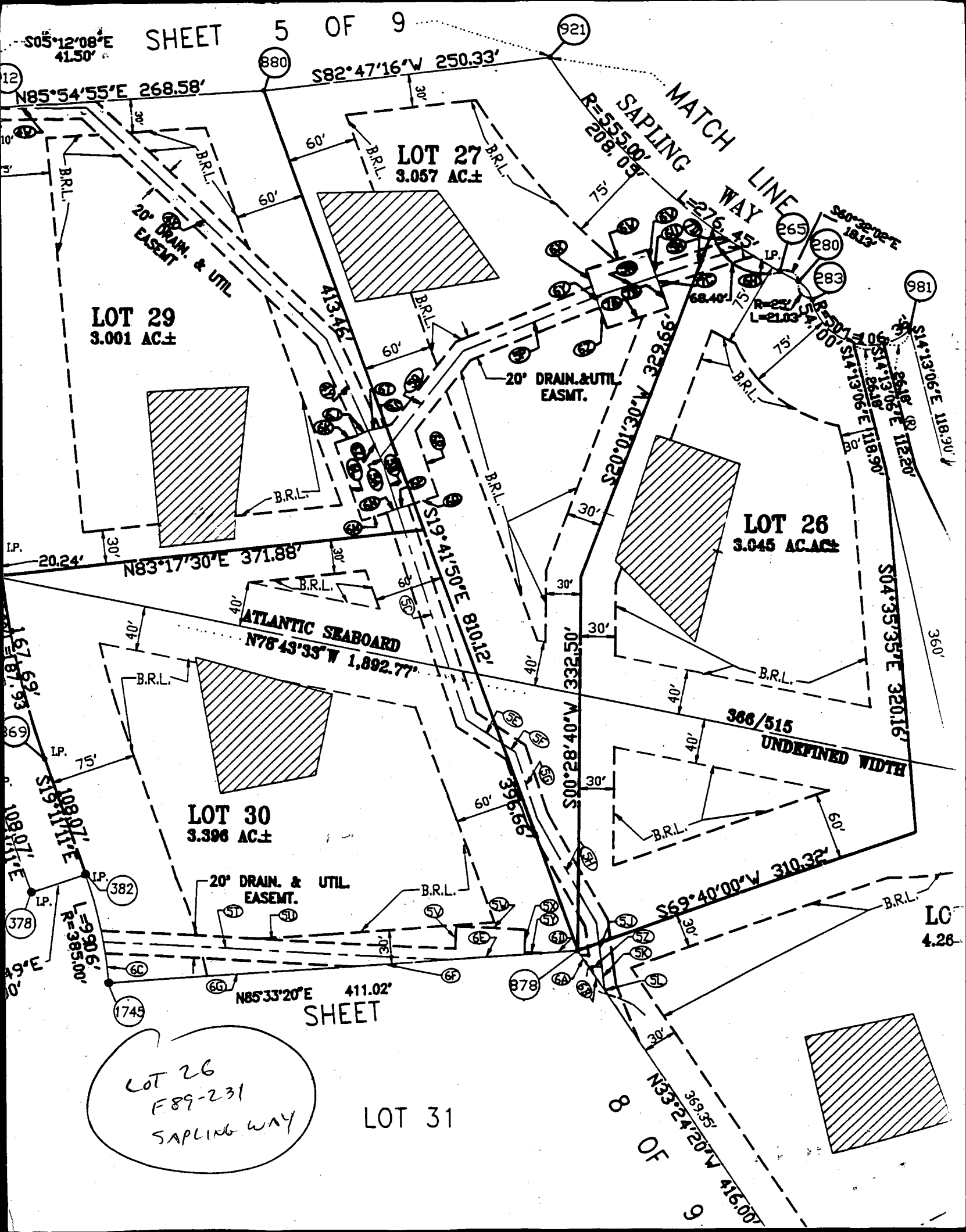
LOT 31

LOT 26
F89-231
SAPLING WAY

8 OF 9

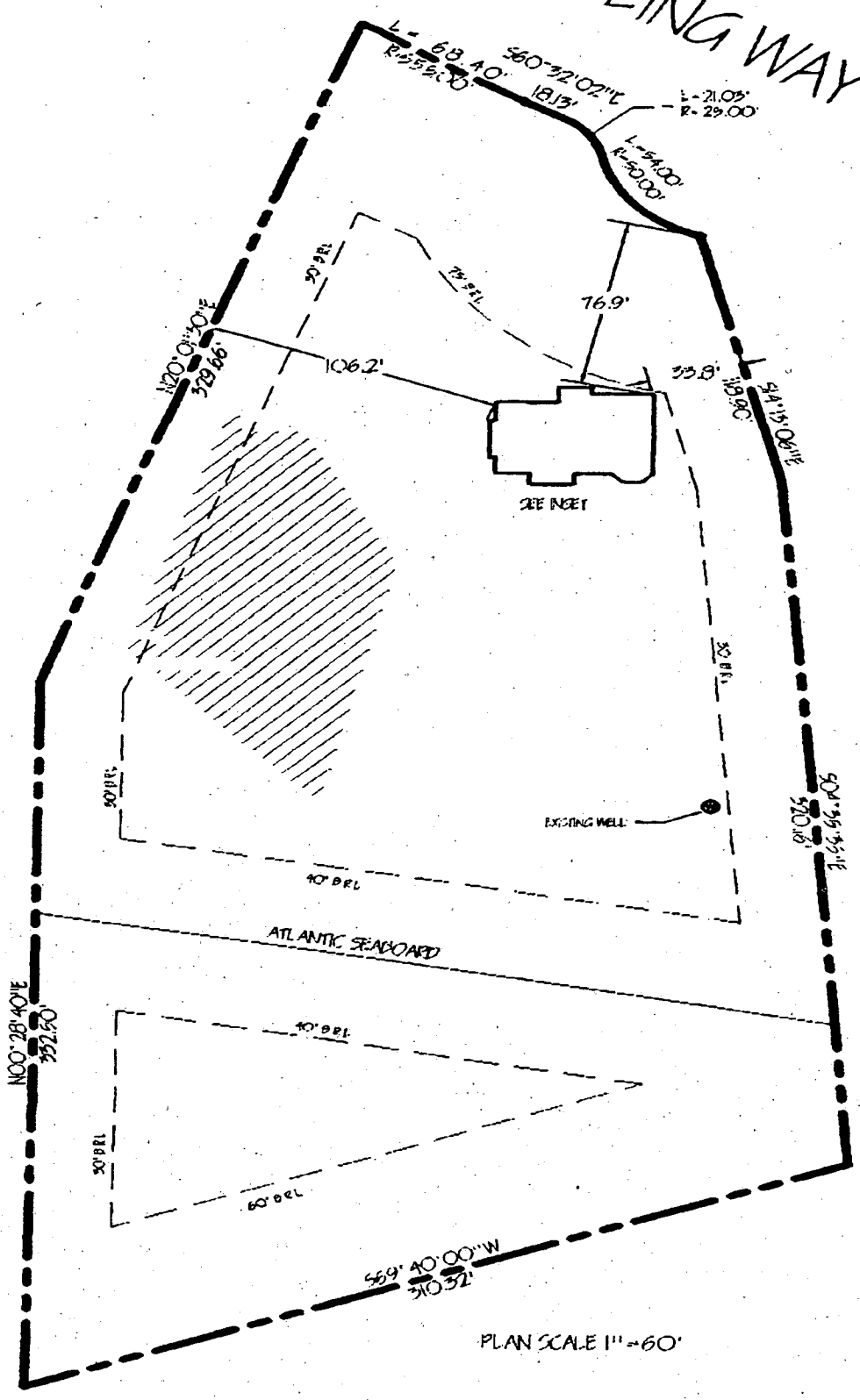
LC
4.28

N33°24'20"W 450.01'

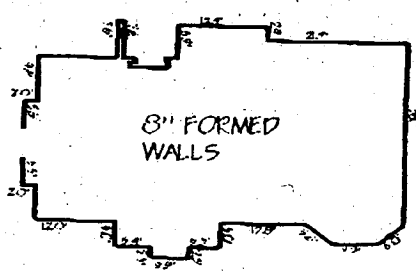


SAPLING WAY

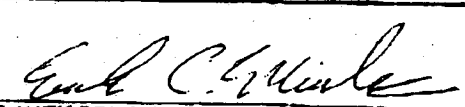
MD. STATE GRID MERIDIAN

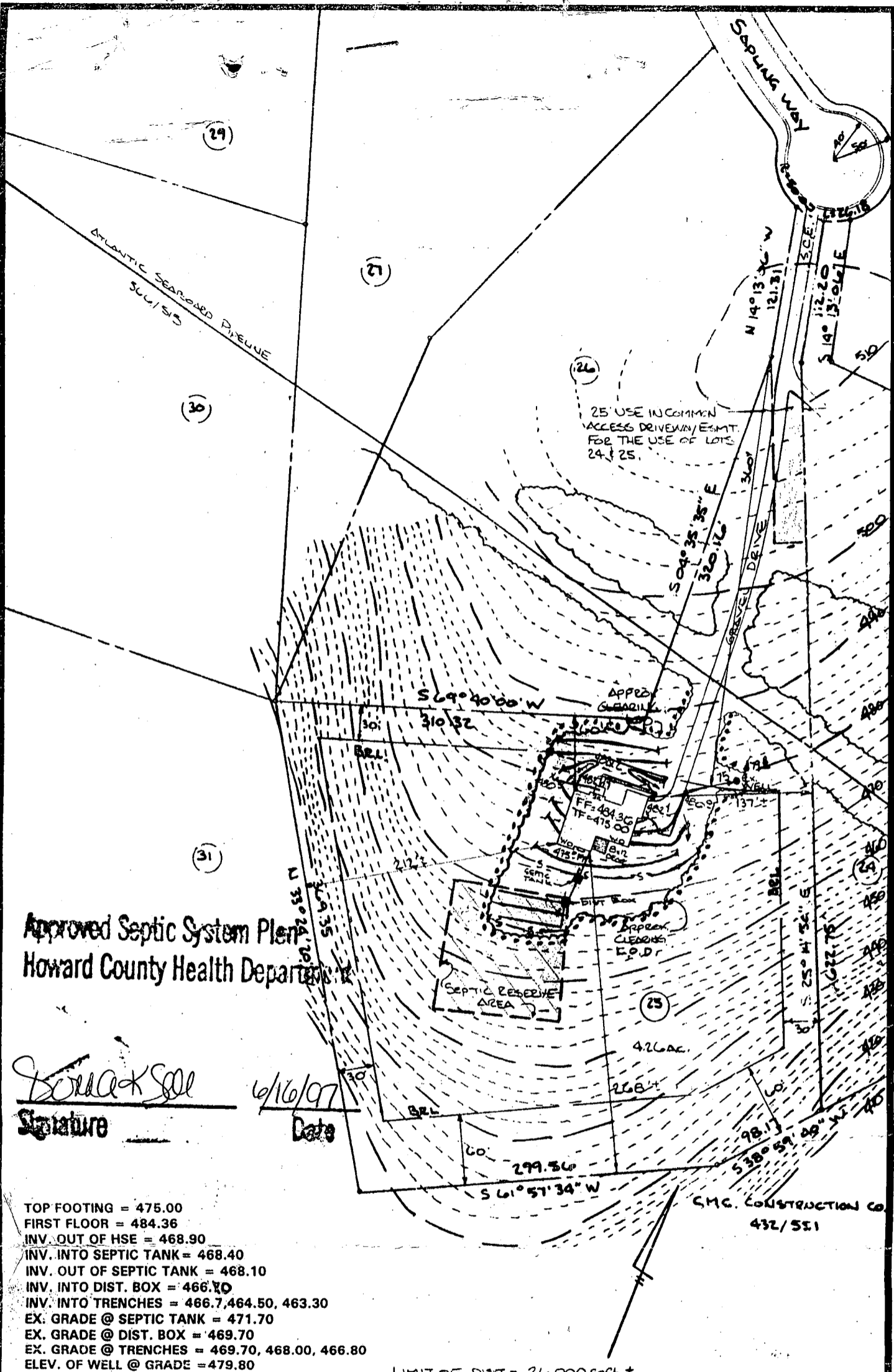


*wall check OK
RPP 6/3/99*



INSET SCALE 1" = 30'
TOP OF WALL ELEVATION = 513.8'

| | | | | | |
|---|--|---|--|---|--|
| RECORD REFERENCES LIBER/FOLIO _____ PLATBOOK _____ PLATNO./FOLIO 2587 | | WALL LOCATION LOT 26, THE WARFIELDS THE MAHAN PROPERTY HOWARD COUNTY MARYLAND | | MARKS & ASSOCIATES CONSULTING SURVEYORS-LAND PLANNERS 4551 COLLEGE AVENUE BELKNOTT CITY, MARYLAND TELEPHONE (410) 747-8728 FAX (410) 747-8739 | |
| SCALE AS SHOWN DATE 9/25/99 | |  ERIC C. MARKS R.P.L.S. #607 | | | |



Approved Septic System Plan
Howard County Health Department

Donna K. Sell
 Signature

6/16/97
 Date

- TOP FOOTING = 475.00
- FIRST FLOOR = 484.36
- INV. OUT OF HSE = 468.90
- INV. INTO SEPTIC TANK = 468.40
- INV. OUT OF SEPTIC TANK = 468.10
- INV. INTO DIST. BOX = 466.70
- INV. INTO TRENCHES = 466.7, 464.50, 463.30
- EX. GRADE @ SEPTIC TANK = 471.70
- EX. GRADE @ DIST. BOX = 469.70
- EX. GRADE @ TRENCHES = 469.70, 468.00, 466.80
- ELEV. OF WELL @ GRADE = 479.80

LIMIT OF DIST. = 26,000 sqft. ±



MORRIS & RITCHIE ASSOCIATES, INC.
 ENGINEERS, PLANNERS, SURVEYORS, AND LANDSCAPE ARCHITECTS
 139 N. Main Street, Suite 200
 Bel Air, Maryland 21014
 (410) 879-1690 - (410) 836-7560
 Fax: (410) 879-1820

PLOT PLAN LOT 25
THE WARFIELDS
 TAX MAP 27
 PARCEL 56 AND 114
 5TH ELECTION DISTRICT HOWARD COUNTY, MD.
 FOR: CLASSIC CUSTOM BUILDERS
 1002 ROCKS SPRING ROAD
 BEL AIR, MD 21014

SCALE:
 1" = 100'

DATE:
 5-19-97

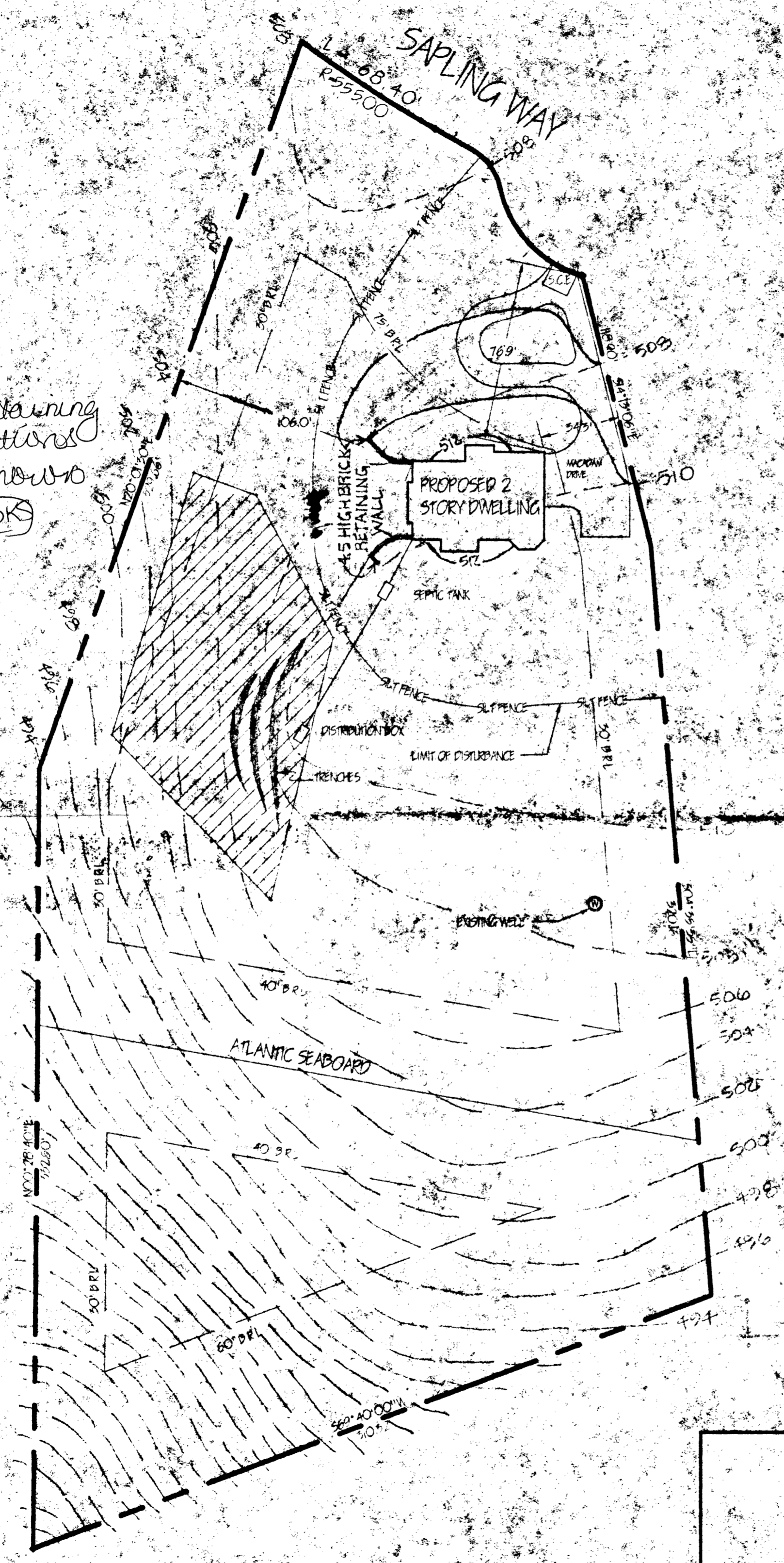
DRAWN BY:
 J.RICH

DESIGN BY:

REVIEW BY:
 ME.

JOB NO.:
 10647

12/14/99
 Proposed Retaining
 Wall Locations
 OK as shown
 (SKS)



| CURVE TABLE | | | | | | |
|-------------|--------|--------|---------|-------|-------------|-----------|
| CURVE | LENGTH | RADIUS | TANGENT | CHORD | BEARING | DELTA |
| C 1 | 54.00 | 50.00 | 29.97 | 51.41 | S43°16'35"E | 61°52'46" |
| C 2 | 21.03 | 25.00 | 11.18 | 20.42 | N36°26'07"W | 48°11'50" |

ELEVATIONS

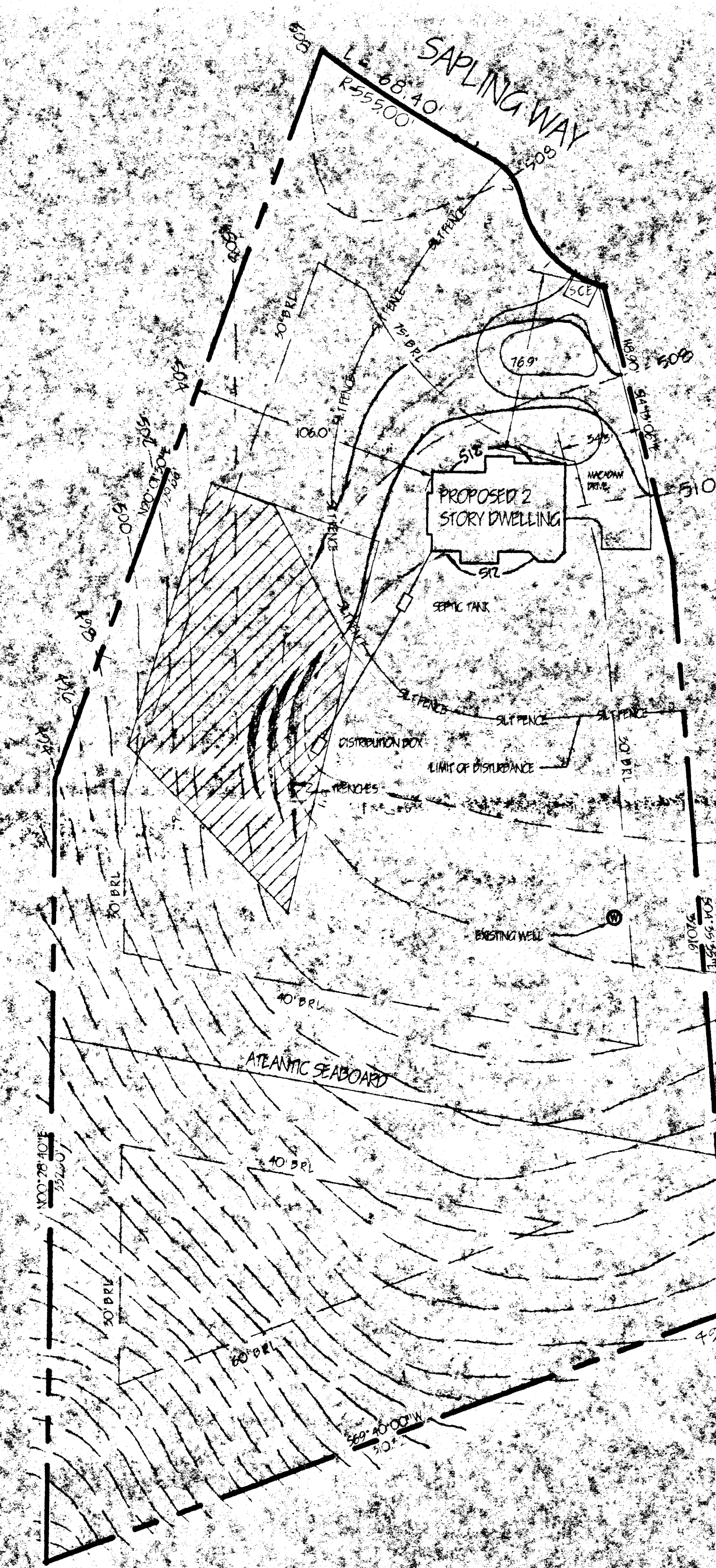
- BASEMENT
- 505.0
- FIRST FLOOR
- 514.0
- INVERT OUT OF HOUSE
- 509.8
- INVERT INTO SEPTIC SYSTEM
- 509.5
- INVERT INTO DISTRIBUTION BOX
- 508.2
- INVERT INTO TRENCHES
- 507.7
- EXISTING GRADE AT SEPTIC TANK
- 511.5
- EXISTING GRADE AT DISTRIBUTION BOX
- 510.5
- EXISTING GRADE AT TRENCHES
- 510.0
- EXISTING GRADE AT WELL
- 508.5

LOT 26 THE WARFIELDS
 PLAT No. 9587

SCALE 1" = 40'

BUILDER: JIM SNODGRASS T/A MAINSTREET BUILDERS
 5770 LANDING ROAD
 ELK RIDGE, MARYLAND 21075

| | | |
|---|---|--|
| Marks & Associates, LLC -Surveyors-Planners- 4531 COLLEGE AVENUE ELK RIDGE CITY, MARYLAND 21075 PHONE (410) 747-8758 FAX (410) 747-8759 | SCALE 1" = 40' DRAWN BY JJ CHECKED BY ECM DATE 12/21/99 W O # XXX | <p align="center">PLOT PLAN</p> <p align="center">OF</p> <p align="center">LOT 26 THE WARFIELDS</p> <p align="center">HOWARD COUNTY, MARYLAND</p> <p align="right">PARCEL HOWARD COUNTY MARYLAND</p> |
|---|---|--|



| CURVE TABLE | | | | | | |
|-------------|--------|--------|---------|-------|-------------|-----------|
| CURVE | LENGTH | RADIUS | TANGENT | CHORD | BEARING | DELTA |
| C 1 | 54.00 | 50.00 | 29.97 | 51.41 | S43°16'35"E | 61°52'46" |
| C 2 | 21.03 | 25.00 | 11.18 | 20.42 | N36°26'07"W | 48°11'50" |

Approved Septic System Plan
Howard County Health Department

Amy McMillan 4/2/99
Signature Date

- Total linear feet of trench required 240 feet.
- Width of trench(es) 3.0 feet
- Depth of trench(es) 5.5 feet
- Depth of stone required below distribution pipe 1.5 feet

ELEVATIONS

- BASEMENT 505.0
- FIRST FLOOR 514.0
- INVERT OUT OF HOUSE 509.8
- INVERT INTO SEPTIC SYSTEM 509.5
- INVERT INTO DISTRIBUTION BOX 508.2
- INVERT INTO TRENCHES 507.7
- EXISTING GRADE AT SEPTIC TANK 511.5
- EXISTING GRADE AT DISTRIBUTION BOX 510.5
- EXISTING GRADE AT TRENCHES 510.0
- EXISTING GRADE AT WELL 508.5

LOT 26 THE WARFIELDS
PLAT No. 9587
SCALE 1" = 40'

BUILDER: JIM SNODGRASS / A MAIN STREET BUILDERS
5770 LANDING ROAD
ELKRIDGE, MARYLAND 21075

Marks & Associates, LLC
-Surveyors-Planners-
2531 COLLEGE AVENUE
ELKLOFT CITY, MARYLAND 21043
PHONE (410) 747-8738 FAX (410) 747-8739

SCALE 1" = 40'
DRAWN BY JJ
CHECKED BY ECM
DATE 3/21/99
W.D.# XXX

PLOT PLAN
OF
LOT 26 THE WARFIELDS
HOWARD COUNTY, MARYLAND

TAX MAP 827
XTH ELECTION DISTRICT

PARCEL
HOWARD COUNTY, MARYLAND