

10/19/88
ANYTHING

01215175

House connection req'd.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 211536
39484
A 39532 W

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DISTRICT 1st

DATE 4/19/88

DATE SYSTEM APPROVED 10/19/88

INSPECTOR CW

Jack Fyock IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION Schum Property ROAD 6820 Norris Lane LOT 2

PROPERTY OWNER Lisa Schum DENNIS KRATZ

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 200 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 2½ feet below original grade. Bottom maximum depth 7½ feet below original grade. Effective area begins at 2½ feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 90 feet from the front (316.31') lot line and 125 feet from the left (627.46') lot line as seen when facing the property from Norris Lane. Run trenches along contour at highest part of septic reserve area.

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

BUILDING PERMIT SIGNED

AND RETURNED 11-21-02
BOD 139490 - KEDD DEKES

PLANS APPROVED BY C. Williams DATE 11/09/87

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.

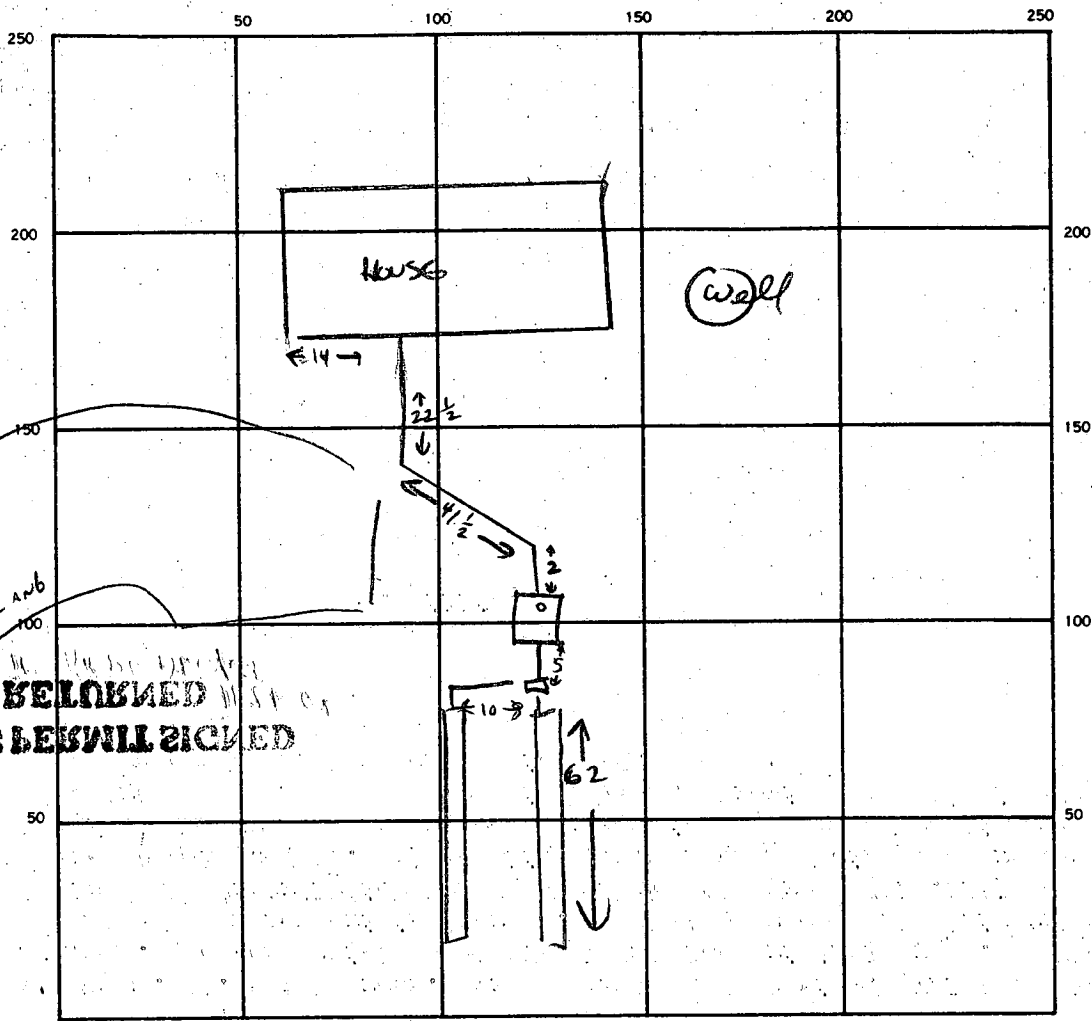
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 39484



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

DRIVEWAY
TO
HARRIS LANE
**AND BELONGED
TO THE PREVIOUS
OWNER**

SEPTIC TANK, LEVEL

CLEANOUTS ST

DISTRIBUTION BOX, LEVEL

DRAIN FIELD/TILE FIELD, DEPTH 7 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2 1/2 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 124 FT.

NUMBER OF TRENCHES 2 (62+62) ONE SIDEWALL/BOTTOM AREA 620 SQ. FT.

DRYWELL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 620 SQ. FT.

REMARKS 1/14/88 HOUSE CONNECTION NEEDED FOR FINAL, CW
10/19/88 HOUSE CONNECTION CONFIRMED, CW

DATE SYSTEM APPROVED 10/19/88

INSPECTOR CW

APPLICATION

PERCOLATION TESTING

A 39484
P _____

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

6-30-87
Peris ok pending
plat approval. JEN

DISTRICT 152
DATE 6-16-87

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 Isabel C. Schum

ADDRESS 6810 Norris Lane PHONE 747-9695

PROSPECTIVE BUYER Lisa Schum + Dennis Kratz

ADDRESS 6810 Norris Lane PHONE 747-9695

PROPERTY LOCATION:

SUBDIVISION property owner Schum LOT NO. (proposed) B

ROAD AND DESCRIPTION Norris Lane off of Landing Road

(Norris is a dirt lane)

TAX MAP 31 PARCEL # ~~138~~ 139

SIZE OF LOT 1.581 Acre TYPE BLDG. Single family
(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. Lisa Schum
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Lot A
Recommended repair; 1500 gal ST, 144 ft trench 9 ft deep, 4 ft inlet, 5 ft effective gravel Driveway to subdivision may be a problem. Trenches on contour. Stay uphill from perc hole (4) shallow rock.

THIS IS NOT A PERMIT

Hold Lot B pending subdivision plat approval w/ topo 2 ft., well location and percolation hole locations. 6-30-87 JEN

Received
6/29/87
1:30

APPLICATION

PERCOLATION TESTING

A Repair

P 39483

DISTRICT 152

DATE 6-16-87

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

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 Isobel C. Schum

ADDRESS 6810 Norris Lane PHONE 747 9695

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:
SUBDIVISION Schum LOT NO. (EXISTING) A

ROAD AND DESCRIPTION Norris Lane - Howard Co.

TAX MAP 31 PARCEL # 1389 139

SIZE OF LOT 4.624 acres TYPE BLDG. Single Family Dwelling
(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.

Lisa Schum
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

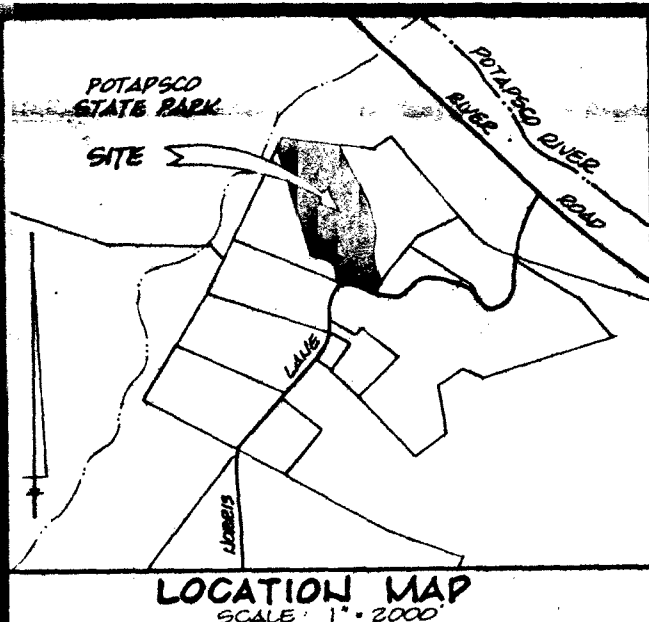
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS 180 ft / 6drms (new system) trench 145 ft 6drms - drywell 6-29-87
DATE _____

REASONS FOR REJECTION OR HOLDING 4 bedrooms, no garbage disposal
Recommend 14ft ft trench or, 60 ft trench w/ drywell. 5 ft effective
stone, inlet at 4 ft, 9 ft deep. JEN 6-30-87

THIS IS NOT A PERMIT

Handwritten:
Perkins
4/29/87
1:30

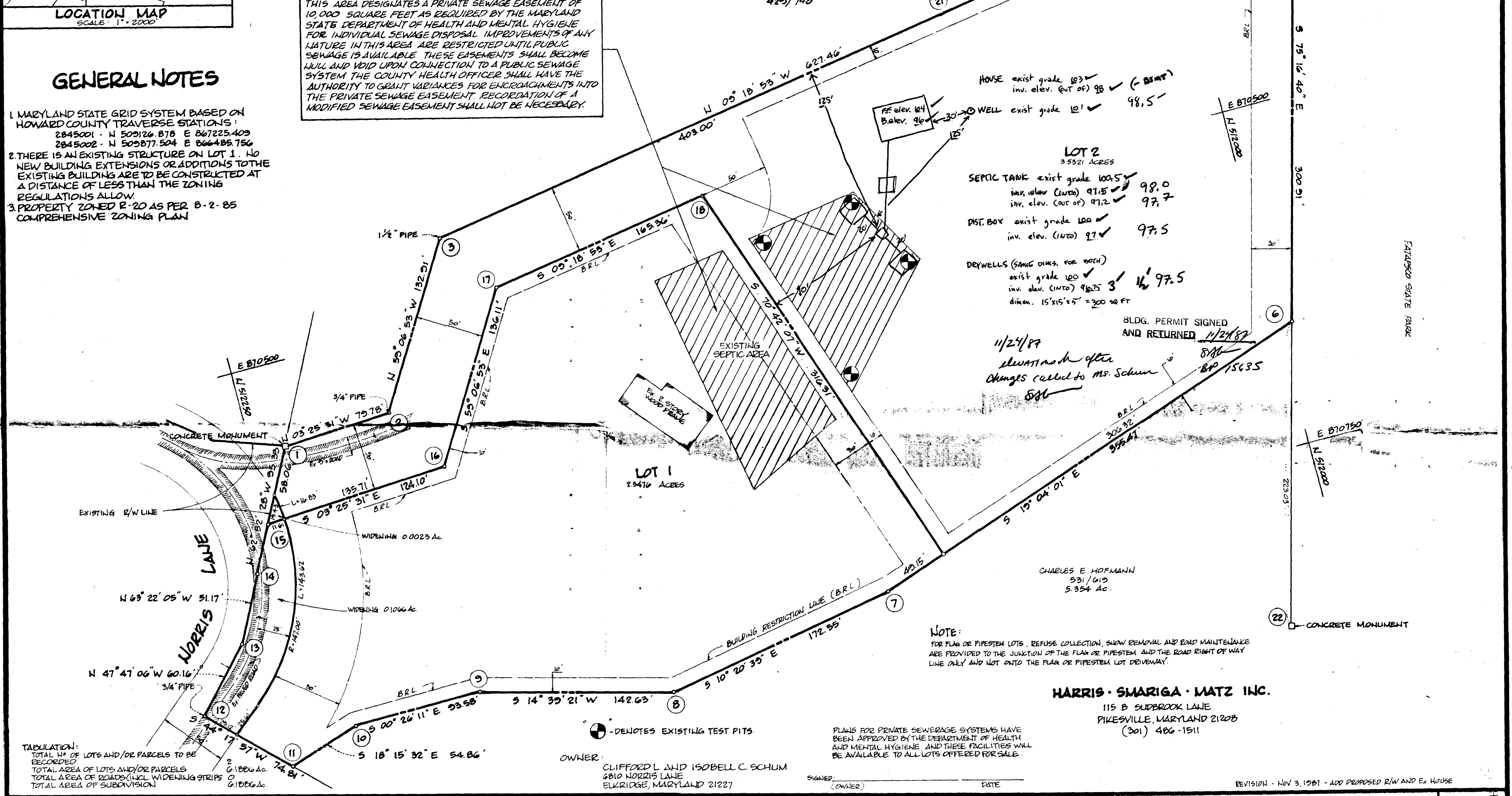


No.	COORDINATE		SCHEDULE	
	NORTH	EAST	No.	NORTH
1	511274.257	870562.304	12	511167.434
2	511353.857	870557.530	13	511207.857
3	511422.122	870443.475	14	511230.793
4	512041.304	870341.917	15	511247.785
5	512086.813	870365.739	16	511383.249
6	512010.342	870660.768	17	511453.118
7	511674.378	870776.880	18	511616.295
8	511504.631	870807.873	19	511704.307
9	511366.642	870771.786	20	511865.672
10	511273.068	870772.499	21	511813.808
11	511220.573	870789.686	22	511953.662

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME VOID 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.

GENERAL NOTES

- MARYLAND STATE GRID SYSTEM BASED ON HOWARD COUNTY TRAVERSE STATIONS:
2845001 - N 509126.878 E 867225.409
2845002 - N 509877.504 E 866485.756
- THERE IS AN EXISTING STRUCTURE ON LOT 1. NO NEW BUILDING EXTENSIONS OR ADDITIONS TO THE EXISTING BUILDING ARE TO BE CONSTRUCTED AT A DISTANCE OF LESS THAN THE ZONING REGULATIONS ALLOW.
- PROPERTY ZONED R-20 AS PER B-2-85 COMPREHENSIVE ZONING PLAN



HOUSE exist grade 103 ✓
inv. elev. (cut of) 98 ✓ (- 5' 5")
WELL exist grade 101 ✓ 98.5

LOT 2
3.5321 ACRES
SEPTIC TANK exist grade 100.5 ✓
max. elev. (INTO) 97.5 ✓ 98.0
inv. elev. (cut of) 97.2 ✓ 97.7
DIST. BOX exist grade 100 ✓
inv. elev. (INTO) 97 ✓ 97.5
DRAINWELLS (SAME DIMS. FOR BOTH)
exist grade 100 ✓
inv. elev. (INTO) 96.25 ✓ 97.5
dimen. 15'x15'x5' = 300 SQ FT

BLDG. PERMIT SIGNED AND RETURNED 11/24/87
11/24/87
ELEVATION after changes called to Ms. Schum
886

CHARLES E. HOFMANN
531/619
5.354 AC.

NOTE:
FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND THE ROAD RIGHT OF WAY LINE ONLY AND NOT ONTO THE FLAG OR PIPESTEM LOT DRIVEWAY.

HARRIS · SMARIGA · MATZ INC.
115 B SUDBROOK LANE
PIKESVILLE, MARYLAND 21208
(301) 486-1511

OWNER:
CLIFFORD L AND ISOBELL C. SCHUM
6810 MORRIS LANE
ELK RIDGE, MARYLAND 21227

TABULATION:
TOTAL NO. OF LOTS AND/OR PARCELS TO BE RECORDED 2
TOTAL AREA OF LOTS AND/OR PARCELS 6.0806 Ac.
TOTAL AREA OF ROADS (INCL. WIDENING STRIPS) 0
TOTAL AREA OF SUBDIVISION 6.0806 Ac.

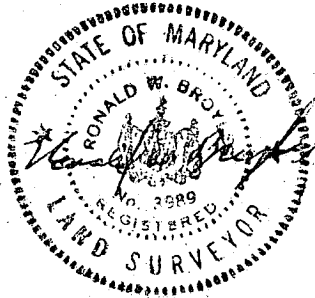
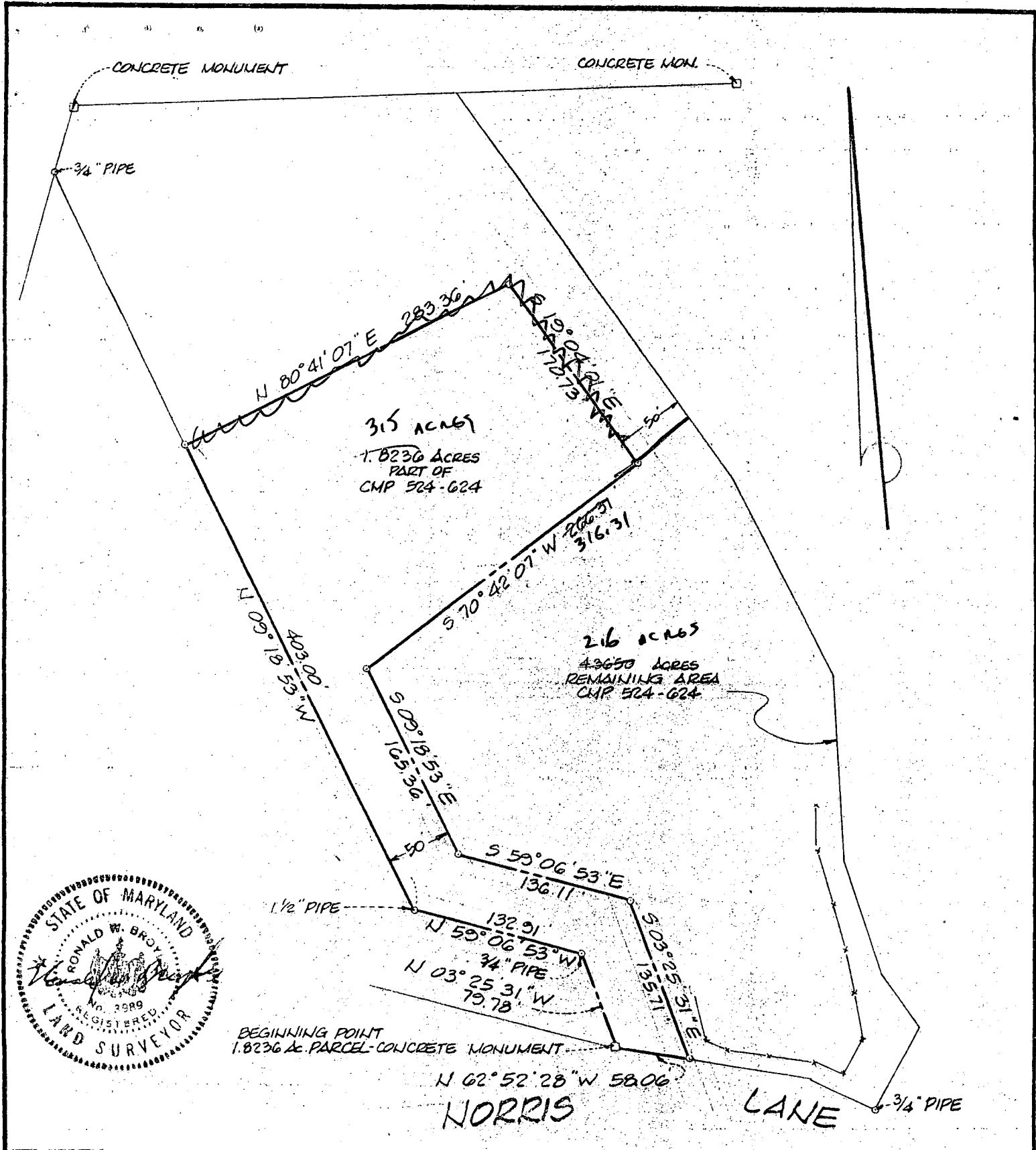
APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS, IN CONFORMANCE WITH THE MASTER PLAN OF WATER AND SEWERAGE FOR HOWARD CO., HOWARD CO. DEPT. OF HEALTH AND MENTAL HYGIENE.
COUNTY HEALTH OFFICER
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
DIRECTOR
APPROVED: FOR STORM DRAINAGE SYSTEMS, PRIVATE WATER AND PRIVATE SEWER AND PUBLIC ROADS, HOWARD CO. DEPT. OF PUBLIC WORKS.
DIRECTOR

OWNERS DEDICATION
I (WE) CLIFFORD L. AND ISOBELL C. SCHUM, OWNER(S) OF THE PROPERTY SHOWN AND DESCRIBED HEREON HEREBY ADOPT THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING ESTABLISH THE MIN. BURD RESTRICTION LINES AND GRANT UNTO HOWARD CO., MD. ITS SUCCESSORS AND ASSIGNS (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL ROADS AND STREET RIGHTS OF WAY AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION HEREBY GRANT THE OPTION TO HOWARD CO., MD. TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS, FLOOD PLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS OF WAY.
* CLIFFORD L. SCHUM IS DECEASED
OWNER: Isobel C. Schum 10/23/87
WITNESS: Deborah L. Ruzicka 10/23/87

SURVEYOR'S CERTIFICATE
I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF ALL THE LANDS CONVEYED BY WINIFRED D.M. HAYS TO CLIFFORD L. AND ISOBELL C. SCHUM DEED DATED JANUARY 18, 1970 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY IN LIBER 584 FOLIO 624, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD CO. AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.
SURVEYOR: L.S. 2255
DATE: 2/8/87

SUBDIVISION PLAT
LOT No's 1 & 2
OF THE
SCHUM PROPERTY
1ST ELECTION DISTRICT HOWARD CO. MARYLAND
CMP 524-624
TAX MAP 31 PARCEL 135 ZONED R-20
SEPTEMBER 8, 1987 SCALE 1" = 50'

HOWARD HEALTH

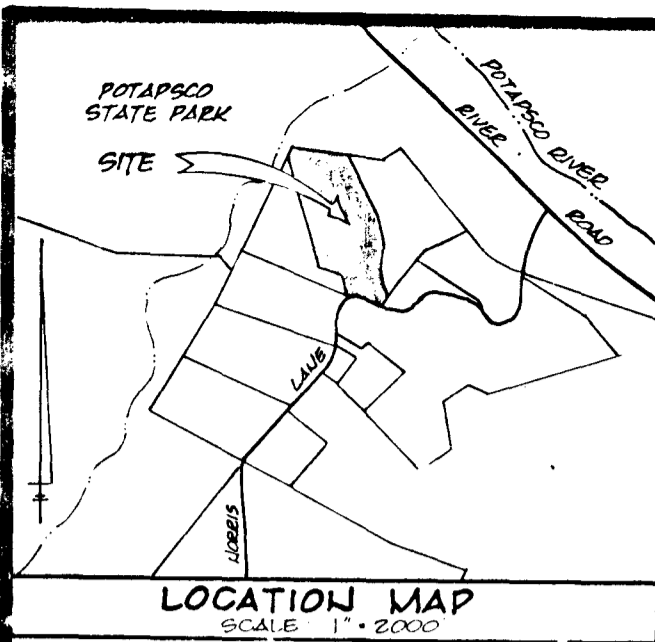


BEGINNING POINT
1.8236 AC. PARCEL - CONCRETE MONUMENT

PLAT TO ACCOMPANY DESCRIPTION
 OF
 1.8236 ACRE PARCEL
 PART OF
SCHUM TRACT
 LIBER CMP 524-624
 HOWARD COUNTY, MARYLAND

Harris • Smariga • Matz, Inc.
 115 B' Sudbrook Lane
 Pikesville, Maryland 21208
 Civil Engineers • Land Planners
 Surveyors • Landscape Architects
 (301) 486-1511

SCALE: 1" = 100'
 DATE: 8/5/87
 HSM# 40074 DRAWN BY: CSR

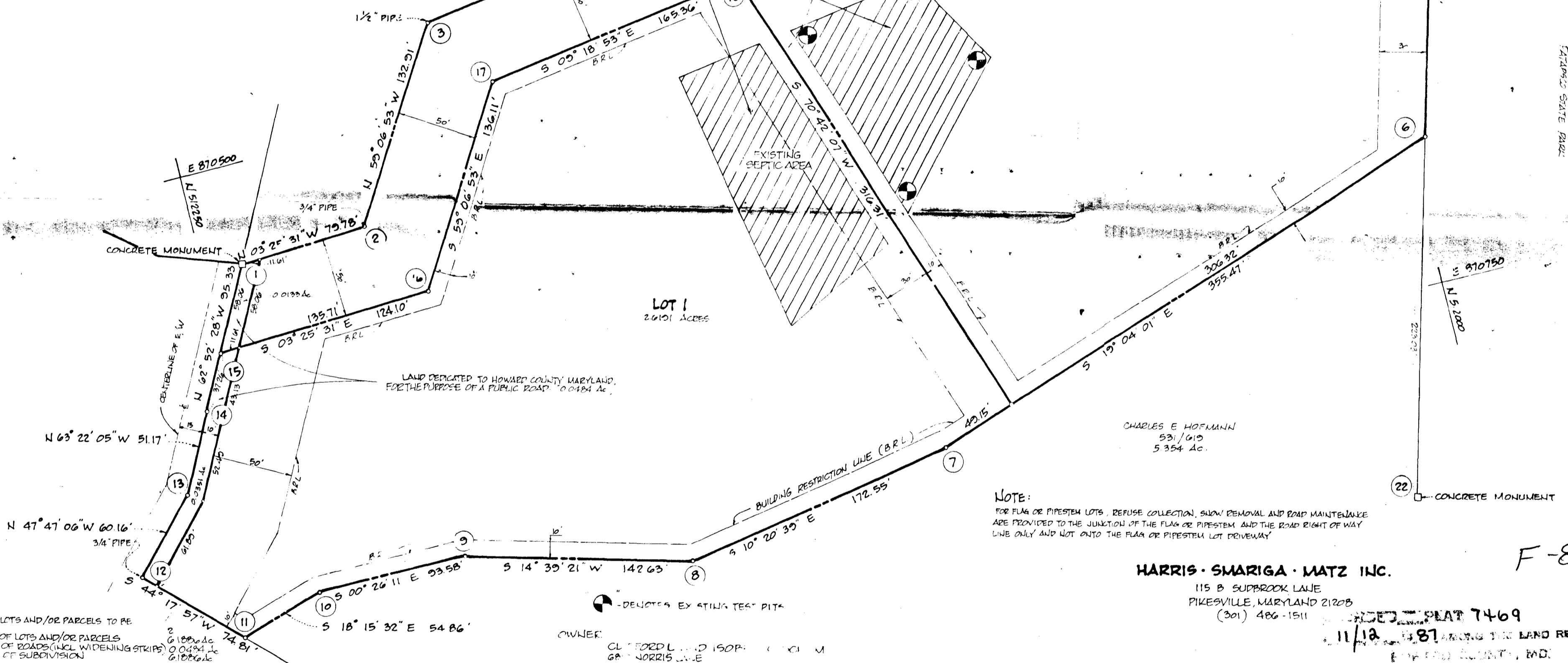


No.	COORDINATE		No.	COORDINATE	
	NORTH	EAST		NORTH	EAST
1	511274.257	870562.304	12	511167.434	870737.441
2	511353.897	870557.538	13	511207.857	870692.884
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9	511366.642	870771.786	20	511869.672	870657.869
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11	511220.973	870789.686	22	511953.662	870876.478

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GENERAL NOTES

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2845001 - N 509126.878 E 867225.409
2845002 - N 509977.504 E 866485.756
- THERE IS AN EXISTING STRUCTURE ON LOT 1. NO NEW BUILDING EXTENSIONS OR ADDITIONS TO THE EXISTING BUILDING ARE TO BE CONSTRUCTED AT A DISTANCE OF LESS THAN THE ZONING REGULATIONS ALLOW.
- PROPERTY ZONED R-20 AS PER 8-2-85 COMPREHENSIVE ZONING PLAN.



NOTE:
FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND THE ROAD RIGHT OF WAY LINE ONLY AND NOT ONTO THE FLAG OR PIPESTEM LOT DRIVEWAY.

HARRIS SMARIGA MATZ INC.
115 B. SUPPBROOK LANE
PIKESVILLE, MARYLAND 21208
(301) 486-1511

F-88-64

TABULATION:
TOTAL NO. OF LOTS AND/OR PARCELS TO BE RECORDED
TOTAL AREA OF LOTS AND/OR PARCELS
TOTAL AREA OF ROADS (INCL. WIDENING STRIPS)
TOTAL AREA OF SUBDIVISION

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, IN CONFORMANCE WITH THE MASTER PLAN OF WATER AND SEWERAGE FOR HOWARD CO., HOWARD CO. DEPT. OF HEALTH AND MENTAL HYGIENE.
Clifford L. Schum 11-9-87
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
Clifford L. Schum 11.12.87
DIRECTOR

APPROVED: FOR STORM DRAINAGE SYSTEMS, PRIVATE WATER AND PRIVATE SEWER AND PUBLIC ROADS, HOWARD CO. DEPT. OF PUBLIC WORKS.
DIRECTOR

OWNERS DEDICATION

I (WE) CLIFFORD L. AND ISOBEL C. SCHUM OWNER(S) OF THE PROPERTY SHOWN AND DESCRIBED HEREOF HEREBY ADOPT THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING ESTABLISH THE MIN. BLDG. RESTRICTION LINES AND GRANT UNTO HOWARD CO. MD. ITS SUCCESSORS AND ASSIGNS (1) THE RIGHT TO LAY CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL ROADS AND STREET RIGHTS OF WAY AND THE SPECIFIC EASEMENT AREAS SHOWN HEREOF (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION HEREBY GRANT THE OPTION TO HOWARD CO. MD. TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS, FLOOD PLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSES OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE AND (4) THAT NO BUILDING OR SIMILAR STRUCTURES OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS OF WAY.

OWNER: *Isobel C. Schum* 10/23/87
WITNESS: *Deborah L. Ruzicka* 10/23/87

SURVEYOR'S CERTIFICATE

HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREOF IS CORRECT, THAT IT IS A SUBDIVISION OF ALL THE LANDS CONVEYED BY T. HAYS, ET AL., TO CLIFFORD L. AND ISOBEL C. SCHUM DEED DATED JANUARY 10, 1985 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, IN LIBER 524 FOLD 624, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE COMMENCEMENT OF THE STREETS IN THE SUBDIVISION BY HOWARD CO. AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

Donald W. Peoples 2/8/87
SURVEYOR L.S. 3225 DATE

SIGNED SUBDIVISION PLAT FILE COPY
LOT No's 1 & 2
OF THE
SCHUM PROPERTY
1ST ELECTION DISTRICT HOWARD CO. MARYLAND
CMP 524-624
TAX MAP 31 PARCEL 139 ZONED R-20
SEPTEMBER 8, 1987 SCALE 1"=50'

F-88-64

B 1 **2259** SEQUENCE NO. (OEP 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

OEP PERMIT NUMBER
WO-81-2312
 fill in this form completely

Date Received **063087**
 OWNER INFORMATION
Kcauz, Dennis
 15 Last Name Owner First Name 34
6810 Morris Lane
 36 Street or RFD 55
Elkridge MD 21227
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL **R-39532**
Howard
 8 COUNTY 21
SCHUM PROPERTY MAP 31
 23 SUBDIVISION 42
 SECTION **2** LOT **2** **1/0 P.139**
 44 46 48 50
ELLCOTT CITY
 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **5** MI
 73 76 77 78

DRILLER INFORMATION
George F. Easterday
 Driller's Name 40
L.F. Easterday, INC
 Firm Name 77 License No. 80
9265 Brown Ch. Rd., Mt. Airy, MD. 21771
 Address
George F. Easterday **6/24/87**
 Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 DISTANCE FROM ROAD **1000**
 34 37
 ENTER FT or MI **KT**
 38 39

Norris Lane 6810
 11 NEAR WHAT ROAD 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 DISTANCE FROM ROAD **1000**
 34 37
 ENTER FT or MI **KT**
 38 39

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 1 2 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 39532-W**
 COUNTY NAME COUNTY NO.
 OEP SIGNATURE **A. Nix** STATE HEALTH INSERT S 41
 DATE ISSUED **03/22/88**
 43 48 CO-SIGNATURE EXP. DATE
 NORTH GRID **511000** EAST GRID **0870000**
 50 55 57 63

APPROXIMATE DEPTH OF WELL **260** FEET
 24 28

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

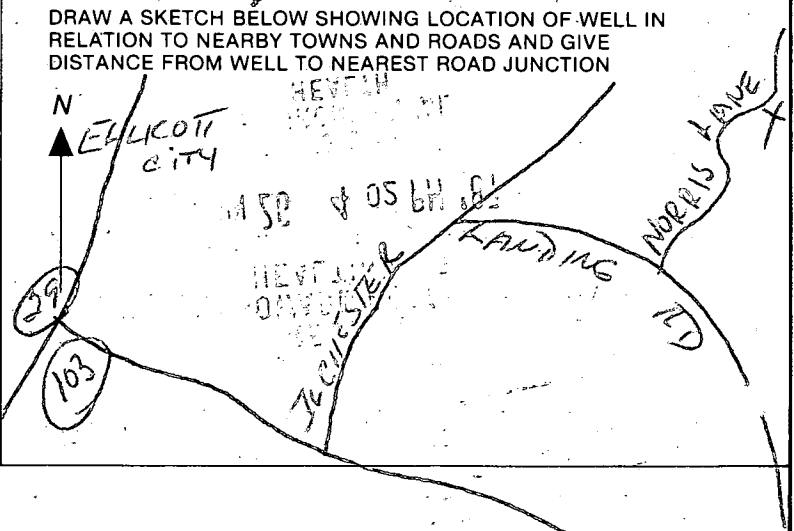
METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVerse-ROTary DRive-POINT
 other _____

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
 THIS WELL WILL DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____ 63
 FORCE **A** WRITE INITIALS IN BOX PERMIT No. **WO-81-2312**
 67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

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 **2700**
 N **5101**
 LOCATION OK, Great completion, correct analysis, double reports, 20' casing, 18' open, 7 bags cement, 6/16/87 CW.



C1 2001 (OEP 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)

COUNTY NUMBER A-39532-W

DATE RECEIVED

DATE WELL COMPLETED 10/16/87

DEPTH OF WELL 200 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HE-81-2312

OWNER KRATZ DENNIS last name first name STREET OR RD MORRIS LANE TOWN ELLICOTT CITY SUBDIVISION SCHUM PROP. MAP 31 P/SECTION 19 LOT 2

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

Table with columns: DESCRIPTION, FEET FROM, FEET TO, Check if water bearing. Rows include Top soil, Sandstone, Sand, Sandstone, Granite, Sandstone & Clay, Gray mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) NO (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 7 NO. OF POUNDS 700

CASING RECORD casing types insert appropriate code below (ST) (CO) (PL) (OT) STEEL CONCRETE PLASTIC OTHER MAIN CASING TYPE (ST) Nominal diameter top (main) casing (nearest inch) 6 (6) Total depth of main casing (nearest foot) 20 (20)

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

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

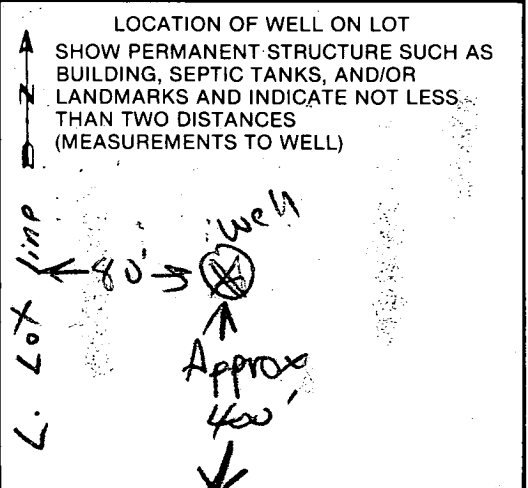
DEPTH (nearest ft.) 18 (18) 200 (200) SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 10 METHOD USED TO MEASURE PUMPING RATE Rucka WATER LEVEL (distance from land surface) BEFORE PUMPING 100 WHEN PUMPING 152 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) 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 (-) below LAND SURFACE (nearest foot)



CIRCLE APPROPRIATE LETTER 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. 40 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

G-1-88
anytime

H/26/88

RECEIVED
YOUNG ORAWON

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # 41562
Date 4/23/88

Name of Installer ROBERT L. FEZER CO., INC.

Telephone 781-4655

License Number 2122
Certified Well Pump Installer

Well Driller

Registered Plumber

Name of Property Owner LISA SCHWAB DENNIS KRATZ
Subdivision KRATZ/SCHWAB TROP. Lot # 2
Site Address 6820 NORRIS LANE

Telephone 747-9695
Well Tag # HD-91-2312

- Pump
- Type
 - Deep well jet
 - Shallow well jet
 - Submersible
 - Make GOULD'S
 - Model # 10EJ07412
 - Capacity 10 GPM
 - Pump exceeds well capacity Yes No
 - If Yes, is low pressure cutoff switch installed? Yes No
 - What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other

- Motor
- Horsepower 3/4
 - RPM 3450
 - Voltage a. 110 b. 220

- Pitless Adapter
- Make MERRILL
 - Model # MB-10
 - Depth 42"

- Tank CAPTIVE AIR
- Capacity WX-250
 - Pressure relief valve? YES

- Piping
- Type POLY
 - Size 1"
 - NSF and/or BOCA Code approved YES
 - Depth of supply line 42"

- Well data
- Depth 200 ft.
 - Yield 15 GPM
 - Static water level ft.
 - Will water supply be disinfected by installer? YES

4/26/88

WELL LOG & PITLESS 40" BELOW GRADE
TANK & P.R. VALVE OK.
REMOVE LOG & ORGANIC DEBRIS FROM WELL LING TRENCH BEFORE COVERING

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.

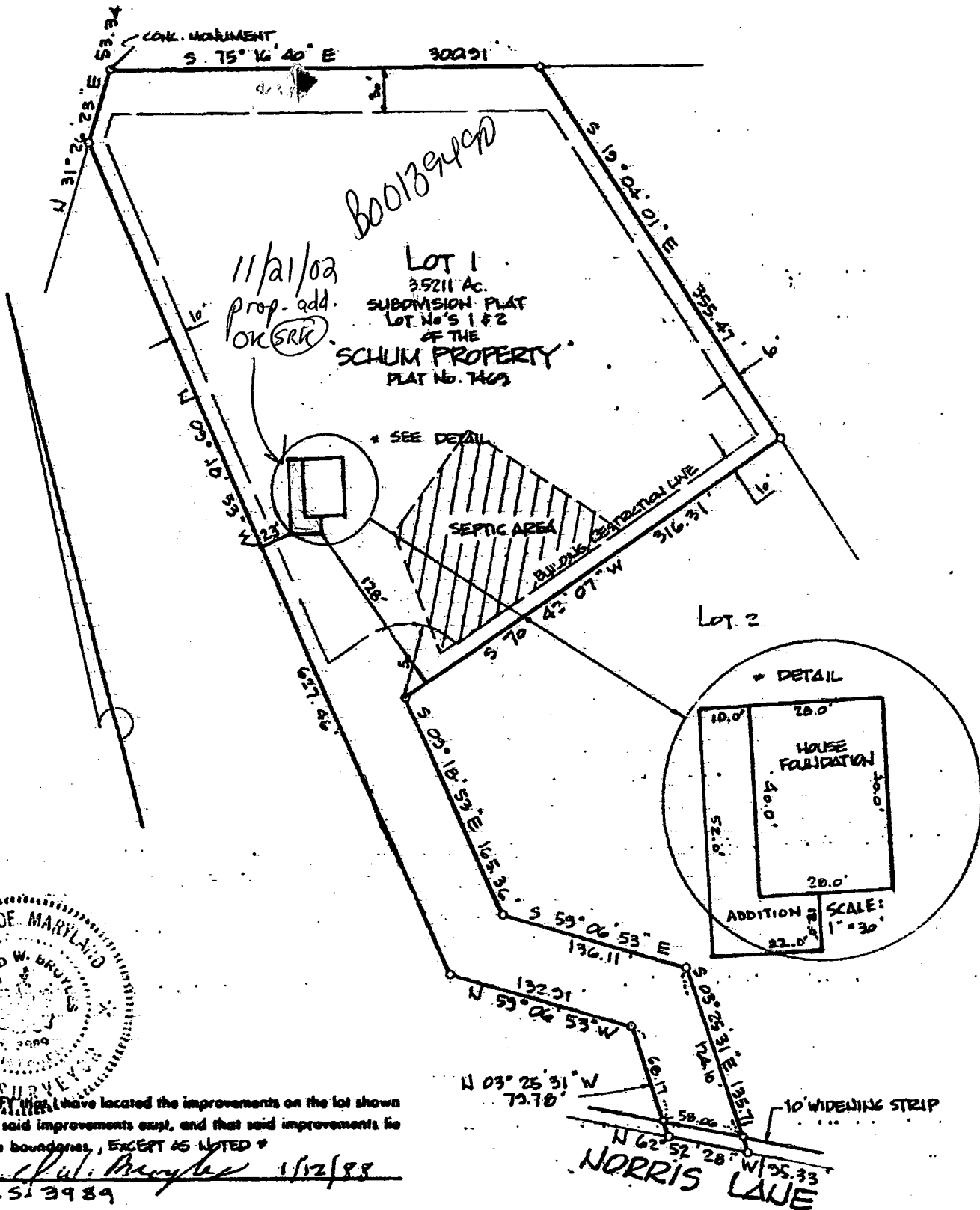
6/1/88

OK LOG & DEBRIS REMOVED
Signature of Applicant: Robert L. Fezer

R. L. F. CO., INC.

Date: 4/15/88

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



THIS IS TO CERTIFY that I have located the improvements on the lot shown hereon, and that said improvements exist, and that said improvements lie entirely within the boundaries, EXCEPT AS NOTED *

Ronald W. Brutts 1/12/88
LS 3989

THIS PLAT NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES

CERTIFICATION SURVEY
OF
LOT 1
SUBDIVISION PLAT
LOTS 1 & 2
SCHUM PROPERTY

Harris • Smariga • Matz, Inc.
115 B Sudbrook Lane
Pikesville, Maryland 21208
Civil Engineers • Land Planners
Surveyors • Landscape Architects
(301) 486-1511

DATE: 21 NOV 02