

6/4/90 LTB
6/15/90 AM

NEW ID - 05-411424

(Needs to be connected only)

6/4/90 O.P.C.O.
P.M. C.B.D.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

P 46114
A 42233
DISTRICT 5th
DATE 7/6/90
DATE SYSTEM APPROVED 6/15/90
INSPECTOR R.H.

INDEXED

Jack Fyock

IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION Adams Reach ROAD 5661 Chamblis Drive LOT 10

PROPERTY OWNER BAC - M. P. Associates (ALAN RATNER)

ADDRESS _____

BUILDING PERMIT SIGNED AND RETURNED

~~IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 25%~~
GARBAGE GRINDER ~~YES~~ ~~NO~~

11-15-90 B00157034 - LIVING RM + GARAGE

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 8.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Start the first trench 135 feet from the front (375.86') lot line and 130 feet from the left (322.08') lot line as seen when facing the lot from Broadwater Lane. Run trenches on contour toward the left front of lot.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 5-2-90 JEN

PLANS APPROVED BY Sid Abel DATE 6/09/89

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

BLDG. PERMIT SIGNED AND RETURNED 11-23-90 Serial # 35495-duck

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

42233

NOTE:

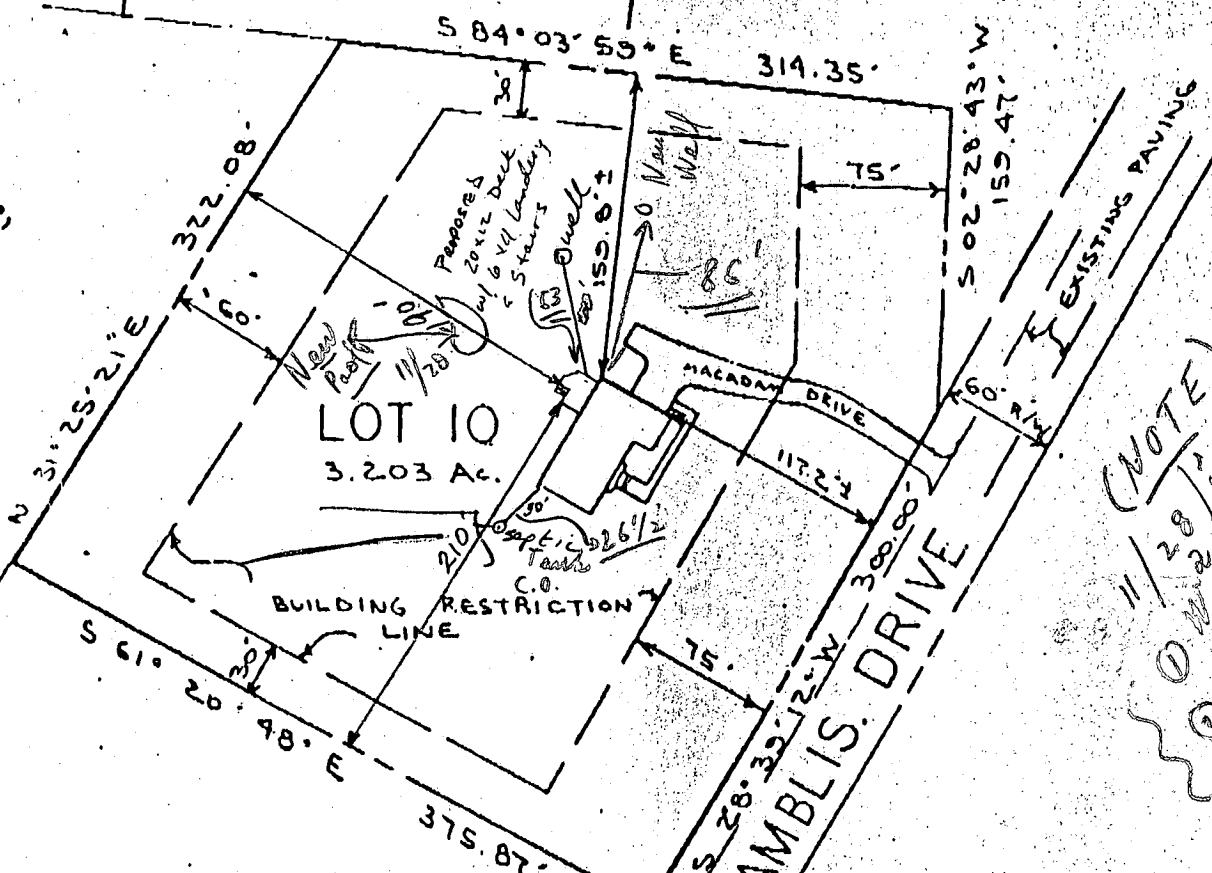
THIS PLAT IS NOT INTENDED FOR USE IN ESTABLISHING PROPERTY LINES AND DOES NOT CONSTITUTE A BOUNDARY SURVEY.

BROADWATER ESTATES PLAT N° 4486-4470

LOT 2

LOT 1

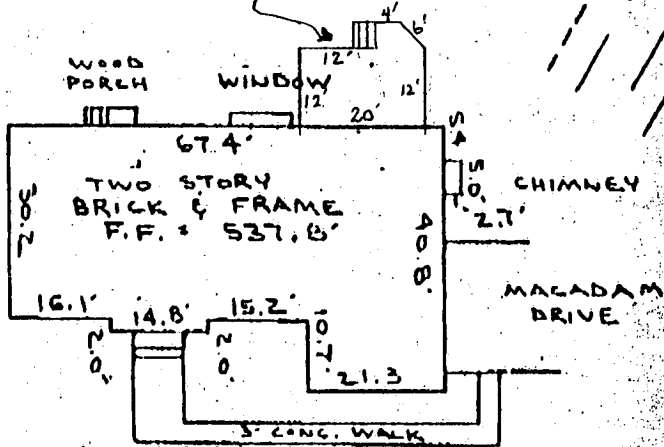
LOT 9



(NOTE)
 11/28/90
 ① Well
 ② Section in plat
 C. Ball

LOT 11

PROPOSED 20x12
 DECK w/ 6x4 LANDING
 & STAIRS



HOUSE DETAIL SCALE 1" = 30'



THIS IS TO CERTIFY THAT I HAVE SURVEYED THE PROPERTY SHOWN HEREON FOR THE PURPOSE OF LOCATING THE IMPROVEMENTS ON SAID PROPERTY AND THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN.

NOTE: THE PROPERTY SHOWN HEREON IS LOCATED IN ZONE C MINIMAL FLOOD ZONE, AS SHOWN ON FLOOD INSURANCE RATE MAP 240044002G-B, DATED DECEMBER 4, 1986 FOR HOWARD COUNTY, MARYLAND

Arthur E. Muegge
 ARTHUR E. MUEGGE REG. NO. 10751 DATE 8-31-90

MEYER MUEGGE & ASSOCIATES, INC.
 3108 NORTH RIDGE ROAD
 ELLICOTT CITY, MARYLAND
 21043
 PH: (301) 481-2850

LOCATION SURVEY	
ADAMS REACH	
LOT N° 10	SECTION ONE
PLAT N° 8747 5TH ELECTION DISTRICT	HOWARD COUNTY, MD.
SCALE 1" = 100'	WO. NO. 52309
BY: R.R.H.	DATE: 4-27-90

REVISED 10-7-90

APPLICATION

PERCOLATION TESTING

A 42233
P _____

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

DISTRICT 5TH
DATE MAY 1988

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 BAC - HP DEVELOPMENT LIMITED PARTNERSHIP
c/o H.P. ASSOCIATES
ADDRESS 3901 NATIONAL DRIVE SUITE 100 PHONE 421-1700
BURTONSVILLE, MARYLAND 20866

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:
SUBDIVISION ADAMS REACH Sec. 1 LOT NO. 20 LOT 10 Preliminary

ROAD AND DESCRIPTION LOCATED ON THE NORTH AND SOUTH SIDES OF
MD. ROUTE 32, WEST OF RTE 108, NORTH OF TEA OAKS ROAD
(5661 Chamblis Drive)

TAX MAP 28 PARCEL # 240
SIZE OF LOT ± 3.3 AC TYPE BLDG. 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. BAKER VP
(SIGNATURE OF APPLICANT)

APPROVED BY Sidell FOR Dupluch DATE 6-9-89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 9-13-88 Prc Satisfactory - hold for Subel. Plat. Sabu

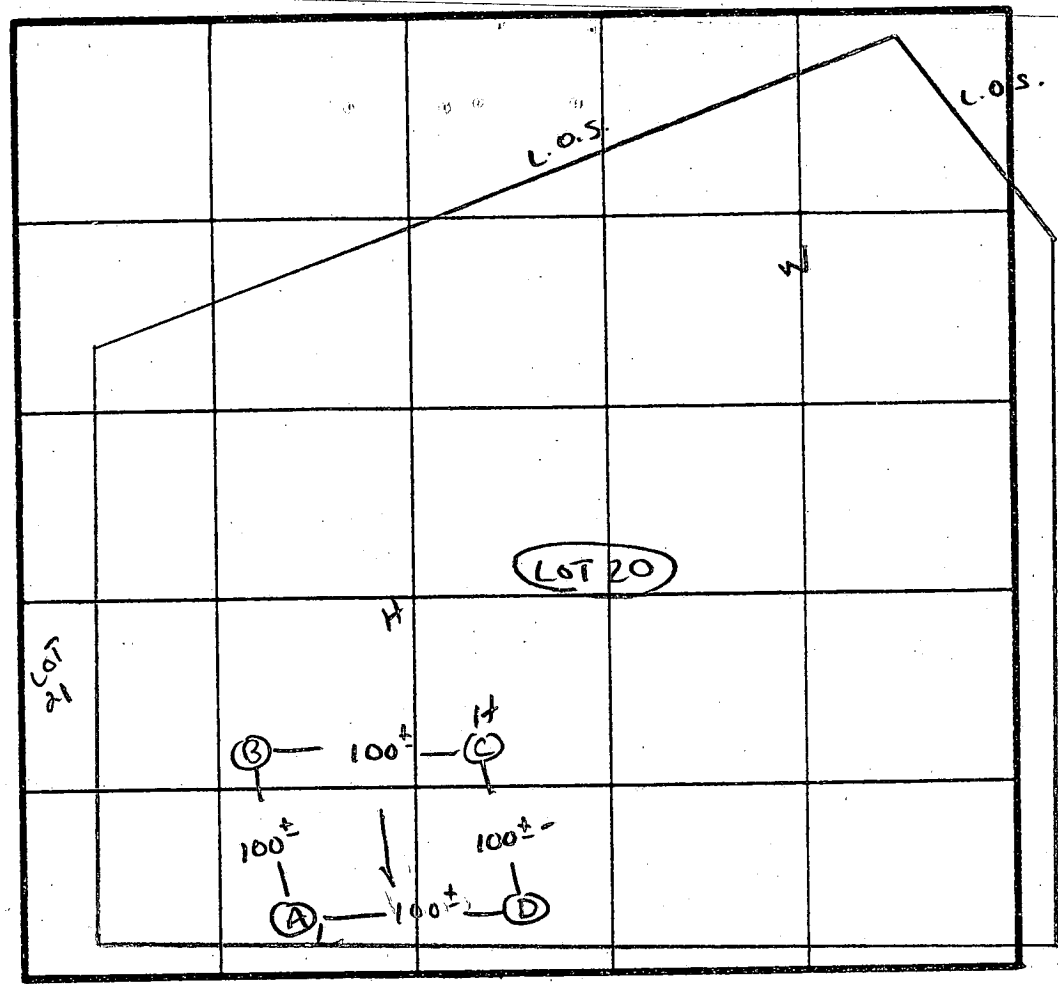
BMDG. PERMIT SIGNED
AND RETURNED 9/15/89
Serial # 28695
SFD-4 Bedrooms

THIS IS NOT A PERMIT

A-42233

(B-D)
SOIL PROFILE

0"	AP
8"	Yell. Br. Silty clay LOAM 10-15% FINESS
3.5"	Yellow Br w/ pockets of white SAND LOAM ALL SAND SILT LOAM 20-25% FINESS



X Perc 4mm
160 #/BR
L.O.S. Inlet 3.5'
BOTTOM 8.8'
CHARLES DRIVE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
BROADWAY LANE

N LOT 19

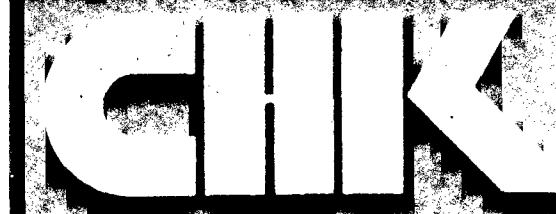
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/13/88	A S	5.5'	12:51	12:53	12:53	12:59	6 MIN
	A V	13'	UNIFORM soil below 4.5'		SIMILAR TO Hole B		
	B S	3'	12:42	12:45	12:45	12:51	6 MIN
	B M	8'	12:39	12:40	12:40	12:42	2 MIN
	B V	12.5'	UNIFORM soil below 3.5'		AS profiled		
	C V	12'	NO WHITE SAND LOAM		ALL steel shown		
	D S	3.5'	12:54	12:55	12:55	12:57	2 MIN
	D V	12'	SAME AS Hole C				

REMARKS ^B Holes moved UP Hill APPROX 20' FROM STAKES

TYPE OF SOIL Chester Ln

TESTED BY S. Abel ALSO PRESENT Fyock + Co.

EH-12-1079



**ARCHITECTURE
PLANNING
LANDSCAPE ARCHITECTURE
INTERIOR DESIGN**

1300 Spring Street
Suite 500
Silver Spring, MD 20910
301-588-4800

REVISION

No.	Description	Date

PROJECT NAME

ADAMS REACH

SECTION 1

DRAWING TITLE

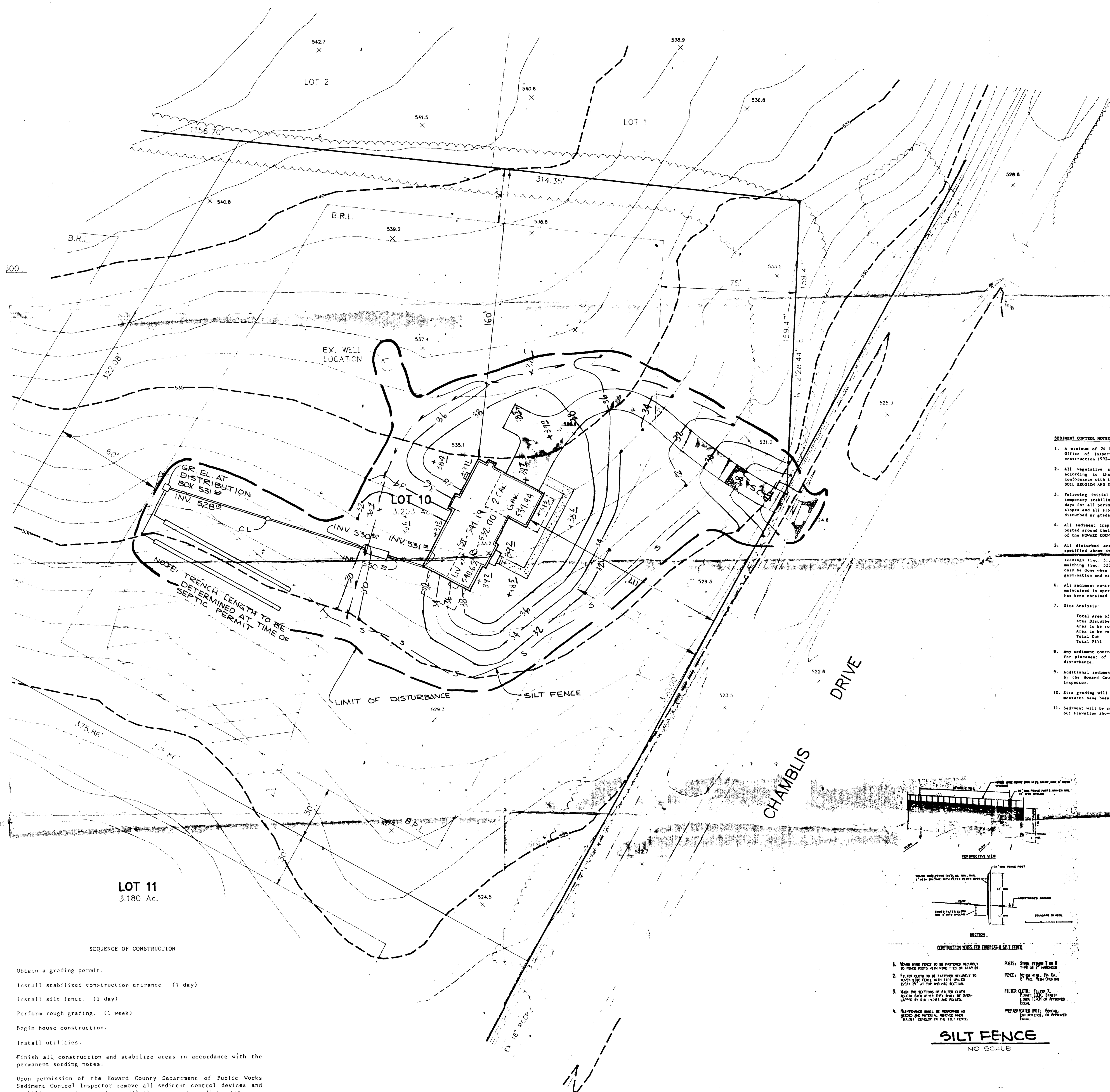
**PLOT PLAN
LOT 10**

Drawn by MIKHAIL DUBENSKY	Approved	Job No. 245-88
Sr. V. Pres. in Charge	Project Manager	Project Architect
Scale 1" = 30'	Drawing No.	Date 7/1/89

*PLANS OK
9/5/89
B. Hodges*

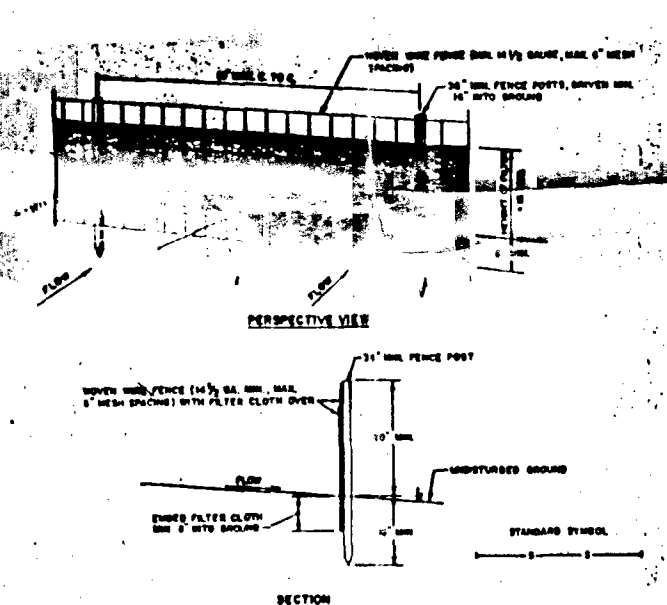
TITLE
RIEMER MUEGGE & ASSOCIATES, INC.
A Land Planning, Engineering and Consulting Firm
3105 North Ridge Road Ellicott City, Maryland 21043
301-461-2690 FAX: 301-750-3176

DATE	DESIGNED BY CJR/MK
	DRAWN BY DJE
	PROJECT NO 52307
	DATE 6-7-89
	SCALE 1" = 30'
	DRAWING NO 1 OF 1



- SEDIMENT CONTROL NOTES**
- A minimum of 24 hours notice must be given to the Howard County Office of Inspections and Permits prior to the start of any construction (900-2437).
 - All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 HARTLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 - Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
 - All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 17, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
 - All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 HARTLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding (Sec. 21) and (Sec. 24), temporary seeding (Sec. 20) and mulching (Sec. 22). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and reestablishment of grasses.
 - All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
 - Site Analysis:

Total Area of Site	20.82 acres
Area Disturbed	2.05 acres
Area to be roofed or paved	0.15 acres
Area to be vegetatively stabilized	0.75 acres
Total Cut	0.00 cu. yds.
Total Fill	0.00 cu. yds.
 - Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
 - Additional sediment controls must be provided, if deemed necessary by the Howard County Department of Public Works Sediment Control Inspector.
 - Site grading will begin only after all perimeter sediment control measures have been installed and are in a functioning condition.
 - Sediment will be removed from traps when its depth reaches the clean out elevation shown on the plans.



- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
- Show silt fence to be fastened securely to fence posts with wire ties or staples.
 - Filter cloth to be fastened securely to silt fence with wire ties or staples.
 - When two sections of filter cloth abut, each section shall be overlapped by six inches and pinned.
 - Fastenings shall be provided as needed and pinned wherever they are overlapped in the silt fence.
- POSTS: 2x4x8 FT OR 4x4x8 FT
FENCES: 6' HIGHER THAN GROUND
FILTER CLOTH: 15 MIL
PINS: 1/4" GALV. STEEL
PREPARED UNITS: SERIAL NO. 1000, OR APPROVED EQ.

SILT FENCE
NO SCALE

- SEQUENCE OF CONSTRUCTION**
- Obtain a grading permit.
 - Install stabilized construction entrance. (1 day)
 - Install silt fence. (1 day)
 - Perform rough grading. (1 week)
 - Begin house construction.
 - Install utilities.
 - Finish all construction and stabilize areas in accordance with the permanent seeding notes.
 - Upon permission of the Howard County Department of Public Works Sediment Control Inspector remove all sediment control devices and stabilize areas in accordance with the permanent seeding notes.

C1 0802 SEQUENCE NO. (DENV USE ONLY)

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

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 42233

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well 140 (TO NEAREST FOOT)

OK Mr 12/91

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-99-1401

OWNER Brown Development last name Street or RFD Signal Hamiltons Drive TOWN Clarksville SUBDIVISION Adams Beach SECTION 1 LOT 10

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		Check if water bearing
	FROM	TO	
Top soil	0	2	
Clay	2	5	
Shaley	5	14	
Sand Stone	14	50	
Mica	50	80	
Sand silt & clay	80	100	
Mica	100	123	✓
Sand Stone	123	140	

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) YES [Y] NO [N] TYPE OF GROUTING MATERIAL CEMENT [CM] BENTONITE CLAY [BC] NO. OF BAGS 25 NO. OF POUNDS 350 GALLONS OF WATER 125 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 48 ft.

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 Total depth of main casing (nearest foot) 106

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 OPEN HOLE PLASTIC OTHER

C2

EACH SCREEN	DEPTH (nearest ft.)	
	1	2
1	40	104
2		
3		

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

C3 PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 10 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 41 WHEN PUMPING 90 TYPE OF PUMP USED (for test) [A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other [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 2 (nearest foot)

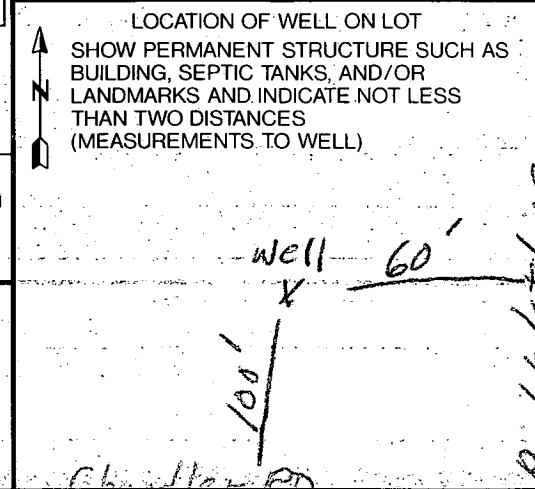
CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

THEREBY 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. 40 DRILLERS SIGNATURE 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 TELESCOPE CASING LOG INDICATOR OTHER DATA



B 1 **8679** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

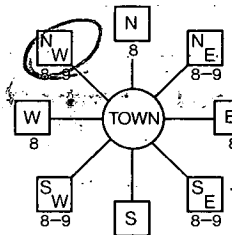
STATE OF MARYLAND
 APPLICATION FOR PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-88-1483
 fill in this form completely

Date Received (APA) **082190**
 OWNER INFORMATION
KOREN DEVELOPMENT
1 CENTRE PARK DR
COLUMBIA MD 21045

B 3 LOCATION OF WELL
HOWARD COUNTY
ADAMS REACH SUBDIVISION
 SECTION **10** LOT **10**
CLARKSVILLE NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **1** MI

DRILLER INFORMATION
George F. Easterday
 Driller's Name License No. **40**
L. Franklin Easterday, Inc.
 Firm Name
9265 Brown Church Rd., Mt. Airy, Md. 21771
 Address
George F. Easterday Signature Date **8/16/90**

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)


BROADWATER LANE NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH [] WEST [] EAST [] SOUTH []
 DISTANCE FROM ROAD **200** FT or MI **27**

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

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 COUNTY NAME
A42233 COUNTY NO.
 STATE SIGNATURE **Mark E. Rifkin** DATE ISSUED **2/15/91**
 NORTH GRID **504000** EAST GRID **0812000**

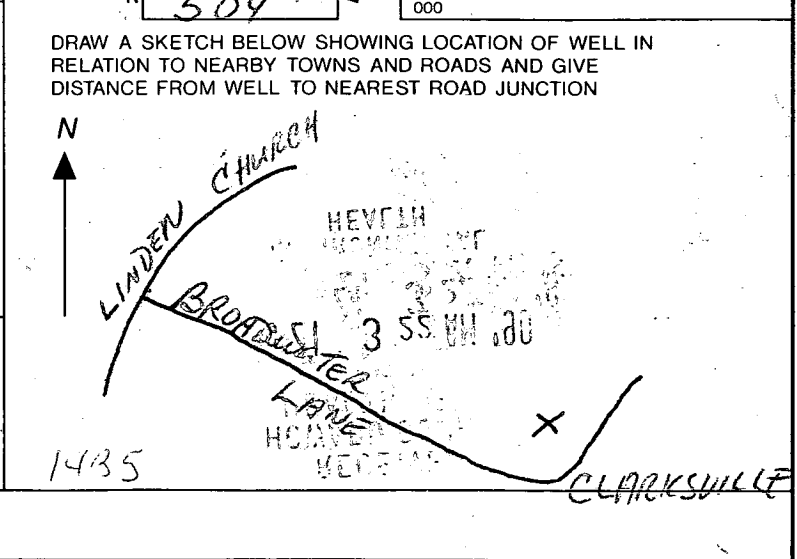
APPROXIMATE DEPTH OF WELL **200** FEET

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

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. well
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E **81X2**
 N **504**

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 DEEPEN 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 **G A P**
 FORCE **MD** PERMIT No. **HO-88-1483**
 SPECIAL CONDITIONS

C1 0050 SEQUENCE NO. (DENV USE ONLY)

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

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A-42233

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well 22 460 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 46-88-0726

OWNER last name first name TOWN Clarksville SUBDIVISION SECTION LOT 10 (20)

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 (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Red clay, Br. mica, Tan sand, Br. mica, Corvair, Gray mica, Green mica, Gray mica, Mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 42 NO. OF POUNDS 4700 GALLONS OF WATER 210 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 72 ft.

CASING RECORD casing types insert appropriate code below (ST, CO, PL, OT) MAIN CASING TYPE (ST) Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 105

OTHER CASING (if used) 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 (NEAREST INCH) from to

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 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 5 METHOD USED TO MEASURE PUMPING RATE Built WATER LEVEL (distance from land surface) BEFORE PUMPING 13 WHEN PUMPING 193 TYPE OF PUMP USED (for test) 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) 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) SEE plot plan

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.

THEREBY 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. 40 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (Sign of driller or journeyman responsible for sitework if different from permittee)

B 1 9164

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

#0-88-0726

please print or type

fill in this form completely

Date Received (APA)

05/8/89

OWNER INFORMATION

KOREM DEVELOPMENT

ONE CENTRE PARK DR

COLUMBIA MD 21045

DRILLER INFORMATION

George F. Easterday

40

Driller's Name

License No. 80

L. Franklin Easterday, Inc.

Firm Name

9265 Brown Church Rd., MT. Airy, Md. 21771

Address

5/4/89

Signature

Date

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

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)

APPROXIMATE DEPTH OF WELL 72 FEET

APPROXIMATE DIAMETER OF WELL 6 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
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 (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE SA PERMIT No. #0-88-0726

SPECIAL CONDITIONS

B 3

LOCATION OF WELL

HOWARD

ADAMS REACH

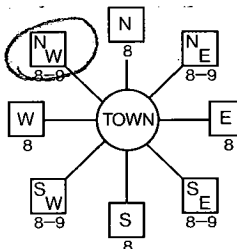
SECTION LOT 10

CLARKSVILLE

MILES FROM TOWN (enter 0 if in town) 1 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



BROADWATER LANE

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 600

ENTER FT OR MI FT

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard

A 842233

COUNTY NAME COUNTY NO.

STATE SIGNATURE DATE ISSUED

06/12/89

NORTH GRID EAST GRID

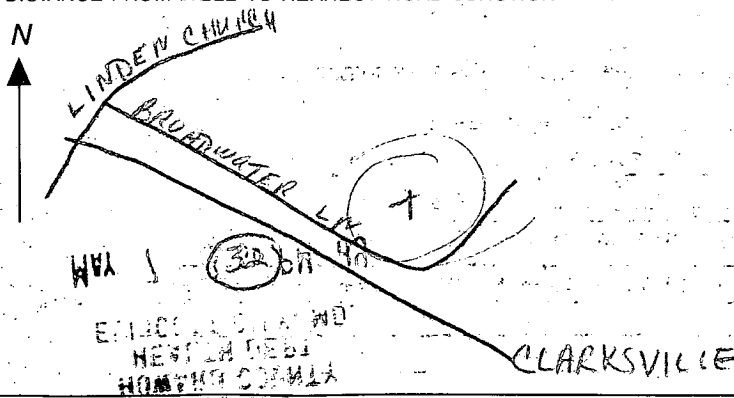
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE

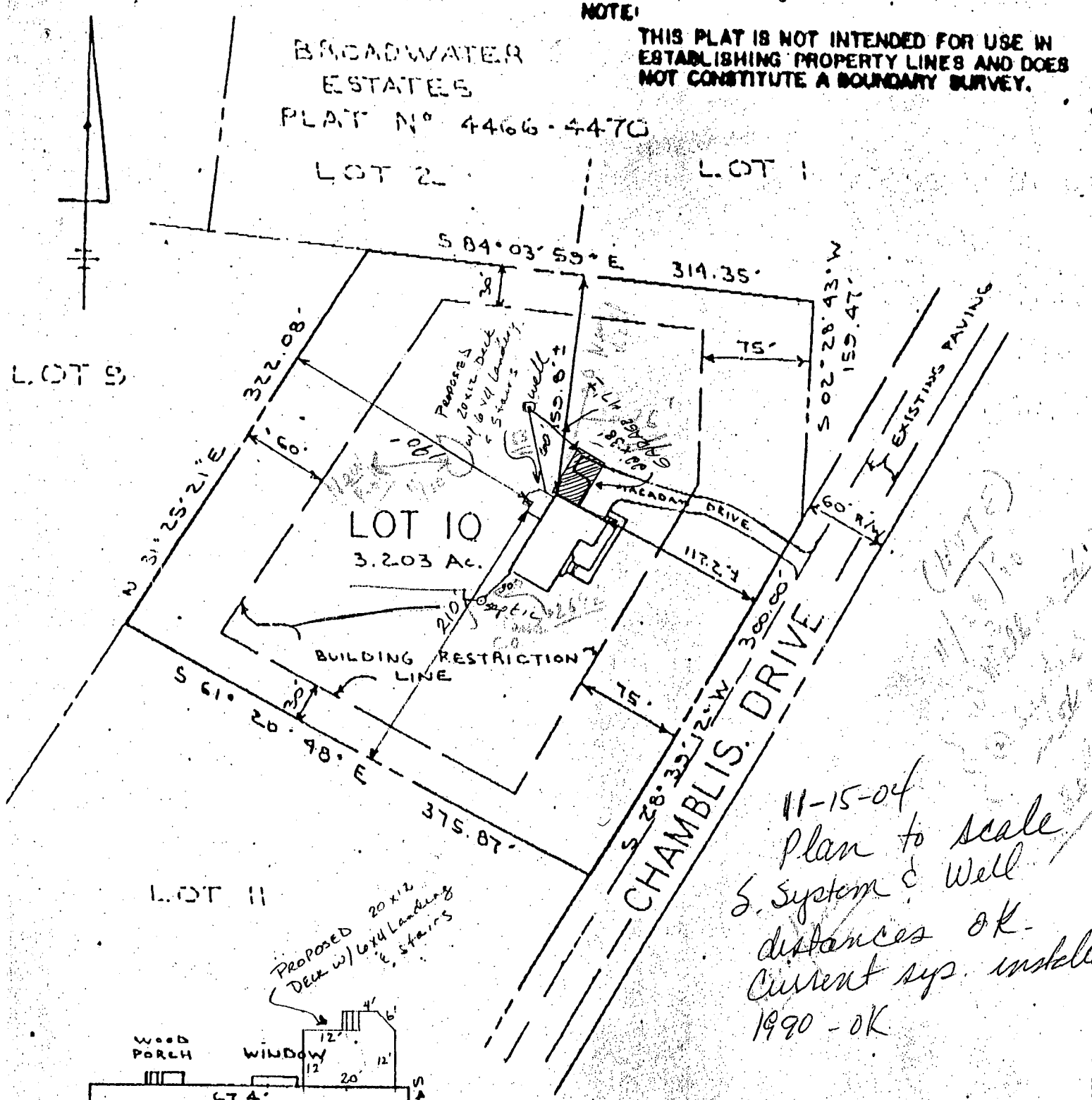
810 1
500 4

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

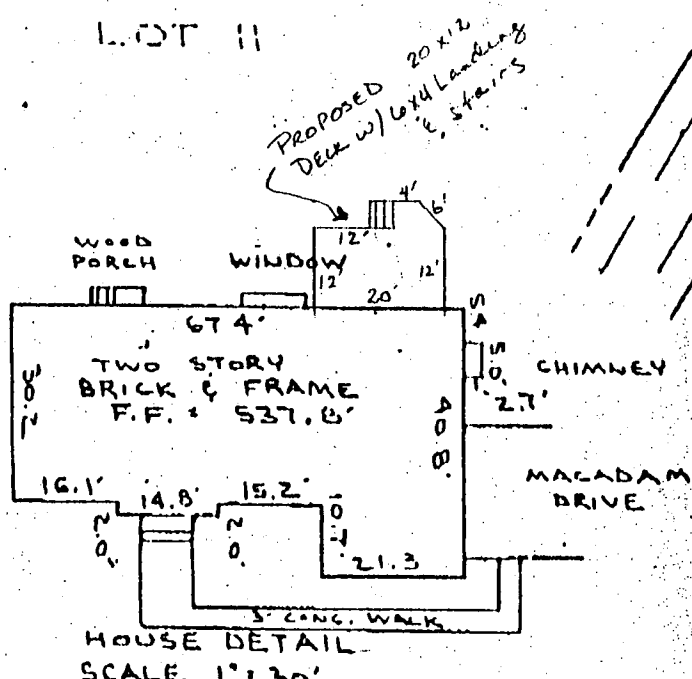


NOTE:

THIS PLAN IS NOT INTENDED FOR USE IN ESTABLISHING PROPERTY LINES AND DOES NOT CONSTITUTE A BOUNDARY SURVEY.



11-15-04
 Plan to scale
 S. System & Well
 distances OK.
 Current sys. installed
 1990 - OK



APPROVED
 WALK-THRU BUILDING PERMIT
 BP# B00151034 A# 42233
 APP. SAN. Race DATE: 11-15-04
 DESC. OF WORK: 3 car garage



THIS IS TO CERTIFY THAT I HAVE SURVEYED THE PROPERTY SHOWN HEREON FOR THE PURPOSE OF LOCATING THE IMPROVEMENTS ON SAID PROPERTY AND THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN.
 NOTE: THE PROPERTY SHOWN HEREON IS LOCATED IN ZONE C MINIMAL FLOOD ZONE, AS SHOWN ON FLOOD INSURANCE RATE MAP 2400440026-B, DATED DECEMBER 7, 1986 FOR HOWARD COUNTY, MARYLAND

Arthur E. Muegge
 ARTHUR E. MUEGGE REG. NO. 10701 DATE 8.31.90

ER MUEGGE & ASSOCIATES, INC.
 3105 NORTH RIDGE ROAD
 ELLICOTT CITY, MARYLAND

LOCATION SURVEY
 ADAMS REACH
 LOT NO 10 SECTION ONE