

LAYOUT 6/17/02 11 AM INSP 4 \_\_\_\_\_  
 INSP 2 6/24/02 PM INSP 5 \_\_\_\_\_  
 INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 5/22/2002

APPROVAL DATE: 6/24/02

**PERMIT  
INDEXED**

*OS-433622*

P 516 988

A 50211-E

**ON-SITE SEWAGE DISPOSAL SYSTEM  
 HOWARD COUNTY HEALTH DEPARTMENT  
 BUREAU OF ENVIRONMENTAL HEALTH**

Hatfield's Equipment IS PERMITTED TO INSTALL  ALTER

ADDRESS: 13785 Burntwoods Road, Glenelg PHONE NUMBER: 301-854-6172

SUBDIVISION: Chapel Woods III

ADDRESS: 11766 Chapel Woods Drive PROPERTY OWNER: RELVIN HARDY Williamsburg Group, LLC

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 280 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Trenches to be 10' center to center. Place the distribution box near the high easement stake that is closest to the house. Run trenches on contour towards the 221.43' lot line.
NOTES:	For future repairs - the system must begin at least 4 feet below grade due to the 4 foot of fill in the lower areas of the sewage disposal easement.

PLANS APPROVED: Brian Baker *OK 3/13/02* DATE: 3/01/02

NOTES: PERMIT VOID AFTER 2 YEARS  
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
 WATERTIGHT SEPTIC TANKS REQUIRED  
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS  
 RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
 ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

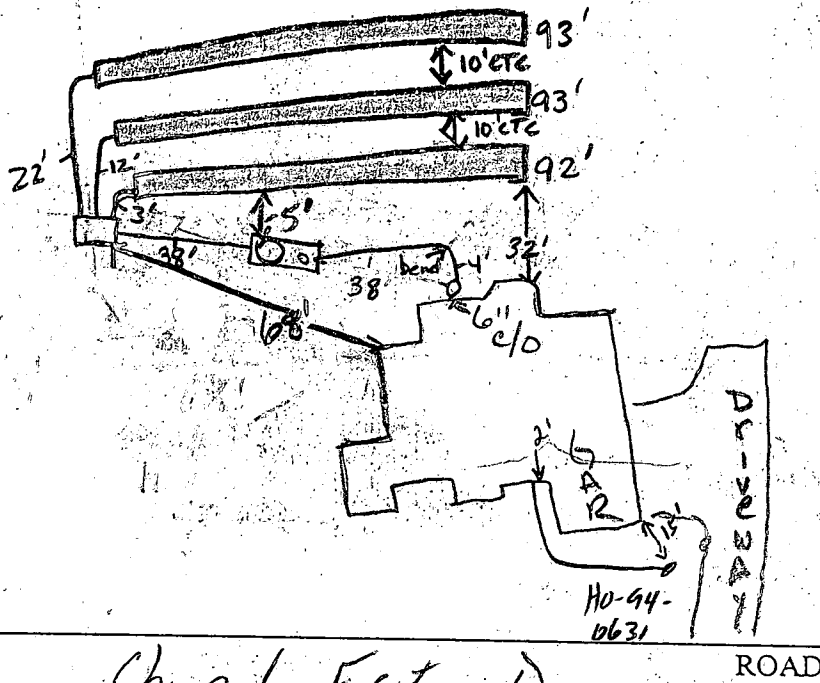
**BUILDING PERMIT SIGNED  
 AND RETURNED**

1/9/2003 B00139926 2 DECKS  
 2/27/2003 B00140453 INGROUND POOL

*A 50211-E*

NOT TO SCALE

92'



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3' 1"	4 1/2' ±	62"
NUMBER OF TRENCHES		3
TOTAL LENGTH		278'
ABSORPTION AREA		834'
DISTRIBUTION BOX LEVEL		OK
DISTRIBUTION BOX BAFFLE		OK
DISTRIBUTION BOX PORT		—

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	yes
CAPACITY	1500 GAL
SEAM LOC	T.S.
TANK LID DEPTH	3'
BAFFLES	yes
BAFFLE FILTER	—
MANHOLE LOC	back
6" PORT LOC	front
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	N/A
CAPACITY	— GAL
SEAM LOC	—
TANK LID DEPTH	—
BAFFLES	—
BAFFLE FILTER	—
MANHOLE LOC	—
6" PORT LOC	—
WATERTIGHT TEST	—

Chapel Est Dr

ROAD

PRE-CONSTRUCTION 6/17/02 Stake at top of SRA missing. Tank set partially in SRA. Location on BP would have been 6' deep. Drainage swale & riprap

INSTALLATION not as shown on BP. Move swale 15' off DB. Install 30' riprap trenches 10' CTC (SO) 6/21/02 - House Conn made, OK TO COVER ALL W ORU (KN) 6/21/02 - TELEPHONE CONV. W/ JEFF FROM HATFIELD'S, HE SAYS SWALE REGRADED AT SO'S REQUEST DUE TO RIPRAP DEVICE BEING INSTALLED IN WRONG LOCATION, NEEDS FIELD VERIFICATION FOR FINAL (SRK/SO) 6/24/02

Grading for riprap & swale appears to be OK (SO)

FINAL INSPECTOR *[Signature]*

DATE OF APPROVAL 6/24/02

BUILDING PERMIT SIGNED AND RETURNED

6/24/02  
Anytime

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Charles A. Klein & Son Inc Telephone #: (410) 549-6960  
Address: 3320 Chase Hill Road  
Depueville, MD 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:  
Name (Print): CHARLES A. KLEIN JR. License# 6521

\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeymen or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Williamburg Shampk Telephone #: (410) 997-8800  
Subdivision: Chapel Woods Lot #: 37 Well Tag #: HO-94-0627  
Site Address: 11766 Chapel Estates Drive  
Chesapeake, MD 21039

Submersible Pump Data      Pitless Adapter      Well Cap and Electric Conduit  
Make: Jacuzzi      Make: Harvard      Two piece watertight cap: ✓  
Model #: 5 S48-13P-53      Model#: 17800      Screened, vented well cap: ✓  
Pump Capacity 3 GPM      Depth: 42" (36" min)      Cap secured to casing: ✓  
Well Yield: 11.1 GPM      NSF approved:      Conduit min 18" B.G.: ✓  
Depth of well encountered at time of pump installation: 550 (feet)      Conduit secured to well cap: ✓  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
Torque arrestors or Cable guards are required - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt     

Piping to house  
Type: Polyethylene  
PSI: 1" (100 psi min)  
Depth of supply line: ✓ (36" min)

House Connection  
PVC sleeved to undisturbed soil at wall penetration: Yes  
Approximate length of sleeve:       
Sleeve caulked and sealed properly: ✓

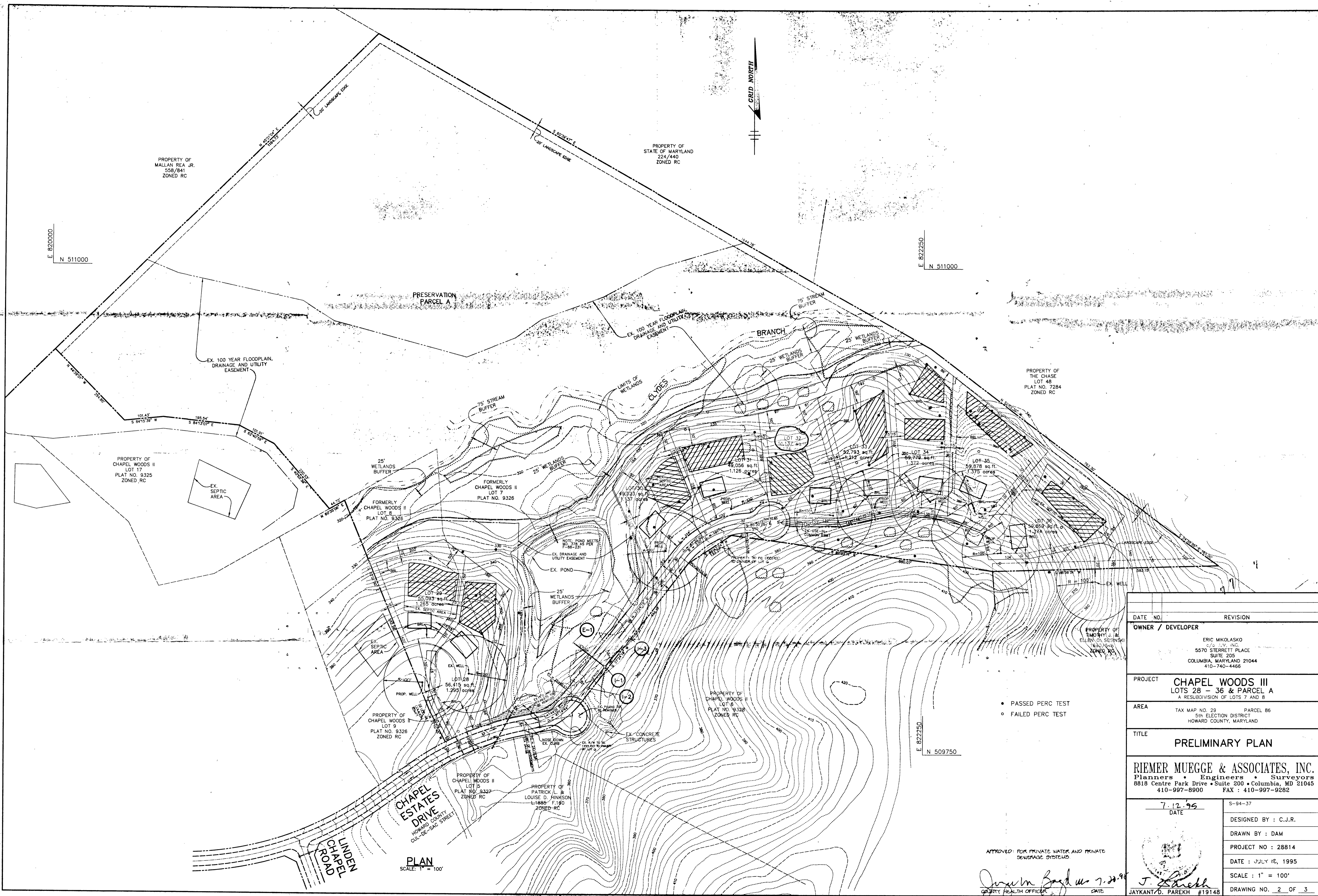
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Charles A. Klein Jr.      4/8/02  
Signature of company representative responsible for installation      date

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 6/24/02      Date Insp. Approved: 6/25/02 SO  
Inspection Data: Pitless adapter and water supply line at least 36" below grade       
Two piece cap installed and attached to casing securely       
Elec. conduit extends at least 18" below grade/attached to cap properly       
Safety rope installed inside of well casing       
Correct well tag attached properly and casing 8" above finished grade       
Water supply line sleeved adequately at house connection       
Adequate grout observed below pitless adapter     

6/24/02 Talked to builder about sleeve & barricades for well. Need to check distance to driveway after black top laid @  
6/25/02 Barricade still necessary. (SO)



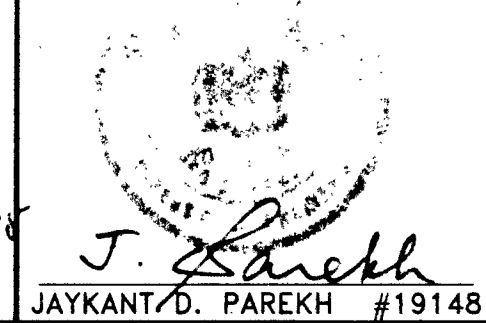
- PASSED PERC TEST
- FAILED PERC TEST

**PLAN**  
SCALE: 1" = 100'

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

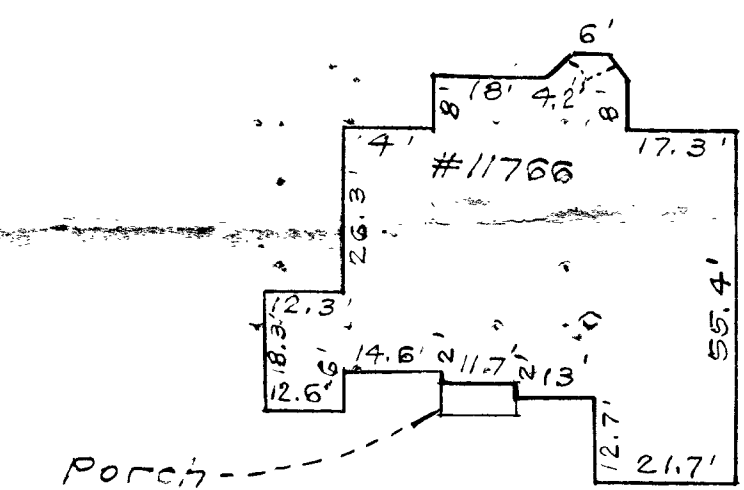
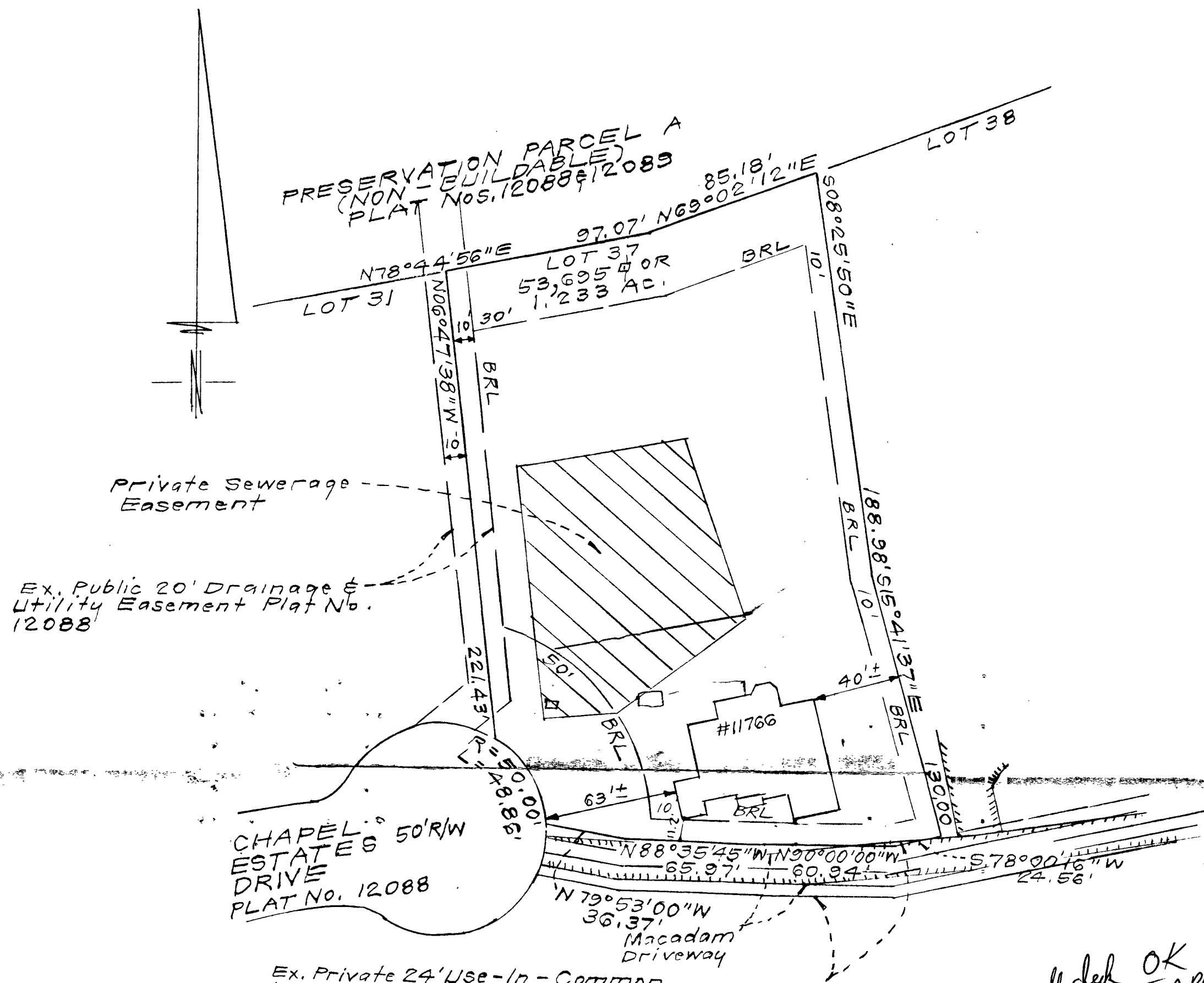
*Joseph Bogdan* 7.28.95  
HEALTH OFFICER DATE

DATE NO.	REVISION
<b>OWNER / DEVELOPER</b>	
ERIC MIKOLASKO S/S, P.C., INC. 5570 STERRETT PLACE SUITE 205 COLUMBIA, MARYLAND 21044 410-740-4466	
<b>PROJECT</b>	
CHAPEL WOODS III LOTS 28 - 36 & PARCEL A A RESUBDIVISION OF LOTS 7 AND 8	
<b>AREA</b>	
TAX MAP NO. 28 PARCEL 86 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
<b>TITLE</b>	
PRELIMINARY PLAN	
<b>RIEMER MUEGGE &amp; ASSOCIATES, INC.</b> Planners • Engineers • Surveyors 8818 Centre Park Drive • Suite 200 • Columbia, MD 21045 410-997-8900 FAX: 410-997-9282	
7.12.95 DATE	S-94-37
DESIGNED BY : C.J.R.	
DRAWN BY : DAM	
PROJECT NO : 28814	
DATE : JULY 12, 1995	
SCALE : 1" = 100'	
DRAWING NO. 2 OF 3	



NOTE: This lot appears to lie in an area classified as Zone C, area of minimal flooding, as shown on FIRM MAP of Howard County, Maryland, Community Panel Number 2400440027B, Panel 27 of 45, dated December 4, 1986.

Wall Check: 3-22-02  
Top of Wall Elev.: 371.6



CONSUMER INFORMATION

1. This plat is of benefit to the consumer only insofar as it is required by a lender of a title insurance company or its agent in connection with contemplated transfer, financing or refinancing purposes;
2. This plat is not to be relied upon for the establishment or location of fences, garages, buildings or other existing or future structures;
3. This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or for securing financing or refinancing.

Ex. Private 24' Use-in-Common Access Easement For Lots 35 & 36 And For Lots 37, 38 And 39 Formerly Recorded As Lots 32, 33 & 34 On Plat 12090 L. 3667 F. 0707

Wall check OK  
Same as on BP Plan  
Officially 3/29/02

SCALE: 1" = 30'

Wall check OK  
Officially 3/29/02

11766 CHAPEL ESTATES DR.  
B00134132

Plat Reference: 14275/9/03

SURVEYOR'S CERTIFICATE

I hereby certify that a field survey of this property has been made under my supervision for the purpose of locating the improvements shown hereon, and that they are located as shown.

3-26-02  
DATE



NOTES:

1. The ± setback distance accuracy = 1'.

<b>CLARK • FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.		
DESIGNED	LOCATION DRAWING 11766 CHAPEL ESTATES DRIVE LOT 37	SCALE 1" = 50'
DRAWN	<b>CHAPEL WOODS III</b> LOTS 30, 31, 35, 36, 37, 38 AND 39 AND CHAPEL WOODS II LOT 8A	DRAWING
CHECKED	(A RESUBDIVISION OF LOTS 28 AND 29 AND LOTS 32, 33 AND 34 AS SHOWN ON PREVIOUSLY RECORDED "CHAPEL WOODS III" LOTS 28 THRU 36" AND PARCEL A RECORDED AS PLAT No. S 12087 THRU 12090) 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DATE	3-26-02	FILE NO. 00-090-0

NO	REVISIONS	DATE
1	Rev. hse. & grad. lot 31 from Gen. Box to Custom D-II	8-29-00
2	Added septic systems to lots 30, 35, 36, 37 & 38	7-6-00
3	Rev. hse. & grad. lot 30 from Box to Modified Custom D-II	10-17-00
4	Rev. location of hse. lot 30 per orig. lot study	11-2-00
5	Rev. hse. & grad. lot 38 from Box to Mikolasko Res. and lot 30 from Box to Huntington (Rev.)	1-22-01
6	Rev. hse. & grad. on lot 31 from Box to Wythe Manor; Rev. hse. & grad. on lot 35 from Box to Rutledge (Rev.); Rev. hse. & grad. on lot 36 from Box to Wythe Manor Rev. hse. & grad. on lot 37 from Box to Custom D-II	2-6-01
7	Lower berm 4' 1.0' Lot 30	2-14-01
8	Rev. Earth Dike to Swale, Add Temp. Pipe 1/2" Dia	3-15-01
9	Rev. hse. & grad. lot 35, Added HR. & Deck, Changed El.	3-20-01
10	Delete S.R. Add 3 Car Gar. Lot 30	3-20-01
11	Rev. grad. & Septic per Ho. Co. Health	4-9-01
12	Rev. grad. & location of Wythe Manor hse. lot 31	6-13-01
13	Rev. hse. & grad. lot 31 from Custom D-II to Modified Custom D-II	11-6-01
14	Rev. grad. lot 38 to show existing conditions	12-4-01
15	Rev. hse. lot 37 per new archs.	12-7-01
16	Rev. hse. & grad. lot 31 from Wythe Manor to D-II	12-12-01
17	Rev. hse. & grad. lot 30 from Wythe Manor to Huntington	01-30-02

18. Rev. Pos. location of grad. moved 5' towards hse. 2-5-02

**LEGEND**

CONTOUR INTERVAL: 2 FT.

EXISTING CONTOUR: ---

PROPOSED CONTOUR: - - -

DIRECTION OF DRAINAGE: →

WALK OUT BASEMENT: [Symbol]

SPOT ELEVATION: +62.4

EXISTING TREES TO REMAIN: [Symbol]

EROSION CONTROL MATING: [Symbol]

SUPER SILT FENCE: [Symbol]

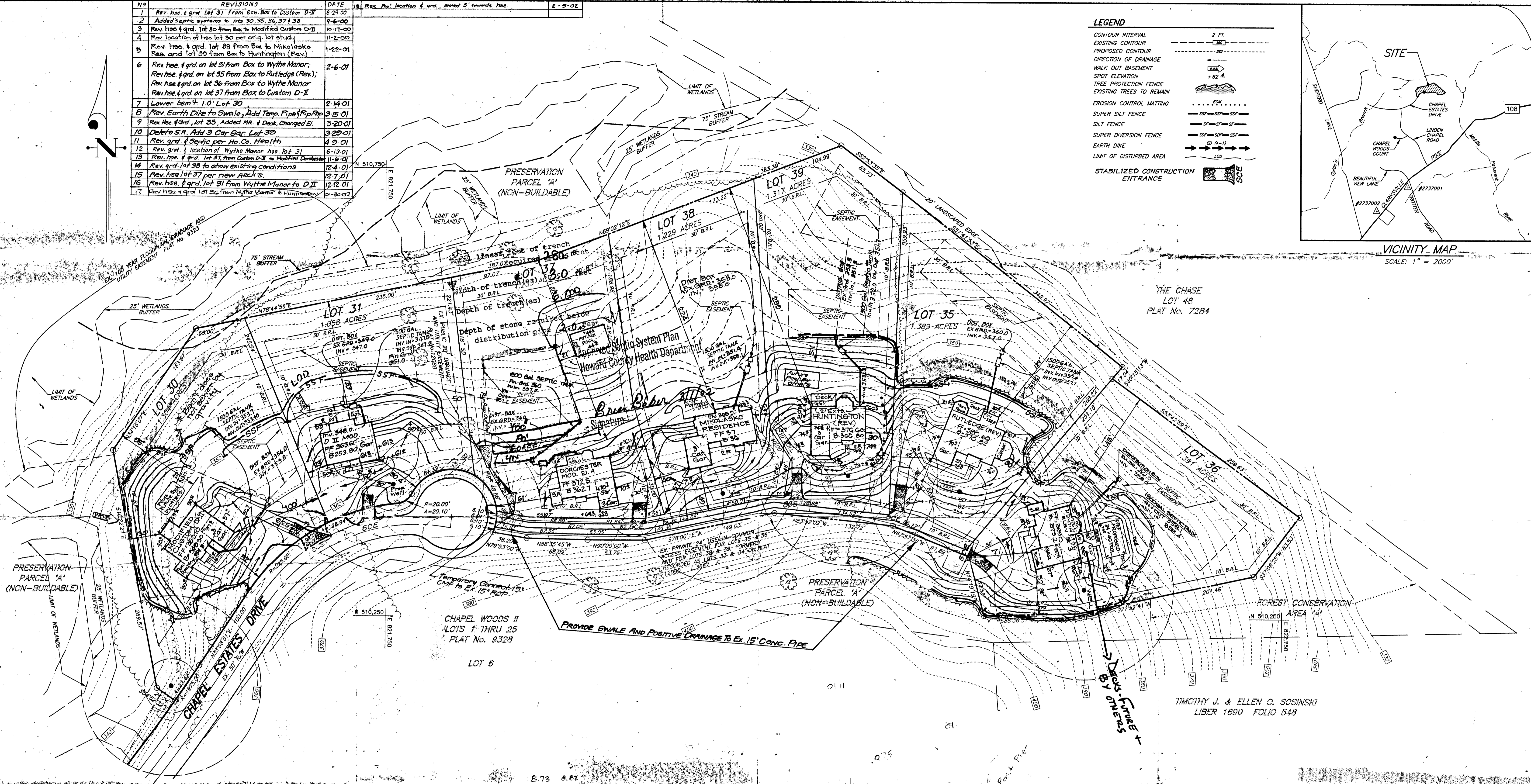
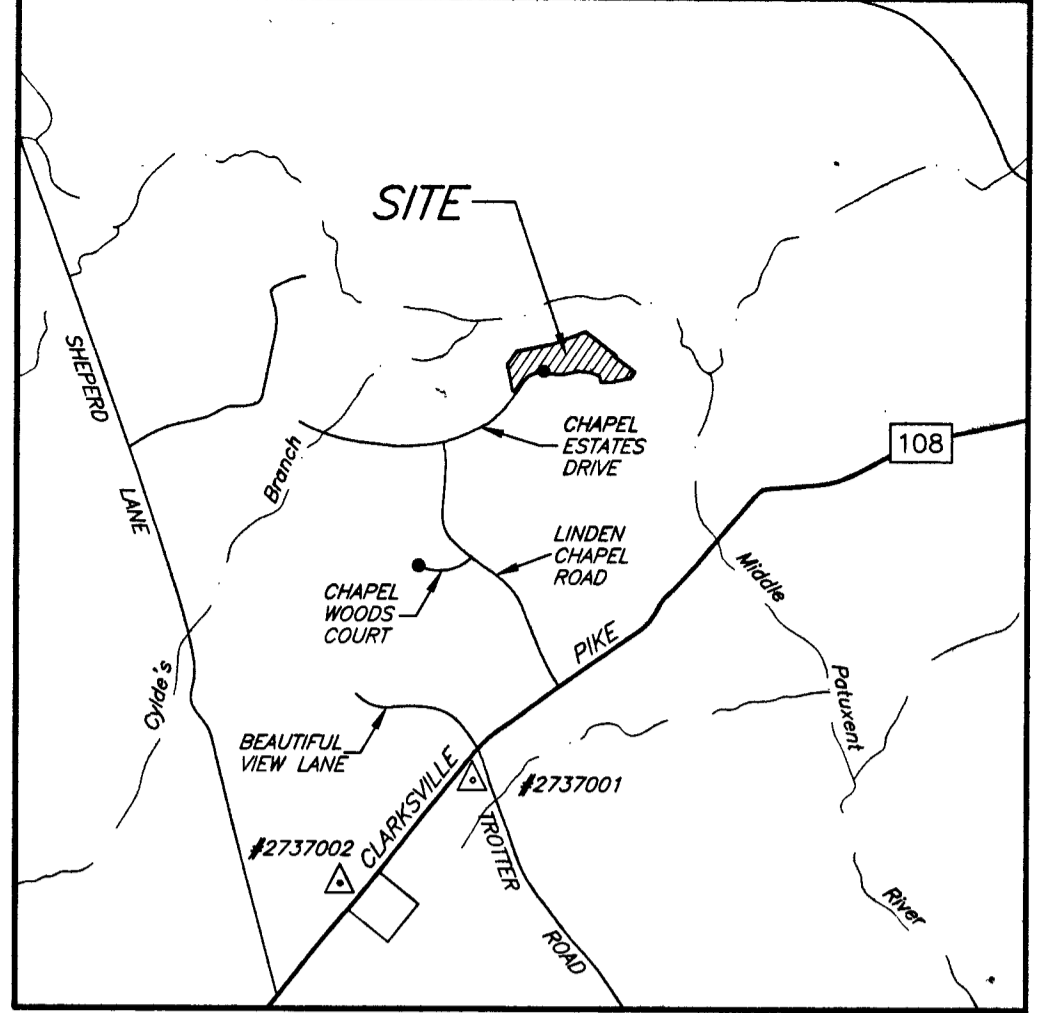
SILT FENCE: [Symbol]

SUPER DIVERSION FENCE: [Symbol]

EARTH DIKE: [Symbol]

LIMIT OF DISTURBED AREA: [Symbol]

STABILIZED CONSTRUCTION ENTRANCE: [Symbol]



THE CHASE  
LOT 48  
PLAY No. 7284

VICINITY MAP  
SCALE: 1" = 2000'

CHapel Woods II  
LOTS 1 THRU 25  
PLAY No. 9328

TIMOTHY J. & ELLEN C. SOSINSKI  
LIBER 1690 FOLIO 548

Reviewed for HOWARD S.C.D.  
and meet Technical Requirements  
Signature: [Signature] Date: 10/18/00  
U.S. Natural Resources Conservation Service

**DEVELOPER'S/BUILDER'S CERTIFICATE**

I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary.

NAME: BOB CORBETT DATE: 7-26-00

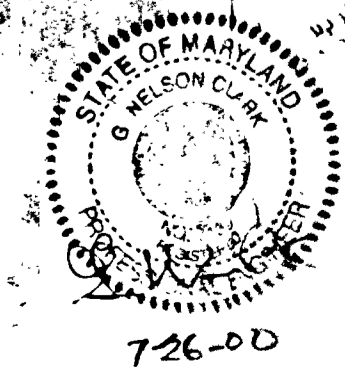
**NOTES:**

- EXISTING TOPOGRAPHY WAS FIELD-RUN BY CLARK, FINEFROCK AND SACKETT, INC. IN JUNE, 2000.
- LENGTH OF TRENCHES TO BE DETERMINED AT TIME OF PERMIT ISSUANCE.

**ENGINEER'S CERTIFICATE**

I hereby certify that this plan for Sediment and Erosion 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.

G. NELSON CLARK DATE: 7-26-00



THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
Signature: [Signature] Date: 10/18/00  
Approved

<b>CLARK • FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.		
DESIGNED JME	<b>SITE DEVELOPMENT PLAN</b> <b>LOTS 30, 31 AND 35 THRU 39</b> <b>CHAPEL WOODS III</b>	SCALE 1" = 50'
DRAWN LAI		DRAWING 1 of 2
CHECKED JME/TD	TAX MAP 29 FIFTH (5TH) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 00-090
DATE 7-26-00	FOR: WILLIAMSBURG BUILDERS P. O. BOX 1018 COLUMBIA, MARYLAND, 21044	FILE NO. 00-090 X

C1 2786

SEQUENCE NO. (MDE 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 50211 E

ST/CO USE ONLY

DATE Received 07/14/95

DATE WELL-COMPLETED 082295

Depth of Well 22 350 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-0627

OWNER JSM Inc last name Chapel Estates Drive first name TOWN Clarksville SUBDIVISION Chapel Woods SECTION III LOT 36 37

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. Row 1: Overburden, 0-27, x. Row 2: Gray Rock, 27-350, x.

water was encountered at 45 & 340'

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N)

TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 8 NO. OF POUNDS 800

GALLONS OF WATER 48

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 30 ft.

CASING RECORD

casing types insert appropriate code below

ST CO PL OT STEEL CONCRETE PLASTIC OTHER

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

PL 60 61 63 64 30 66 70

OTHER CASING (if used)

Table with columns: EACH CASING, 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 OPEN HOLE PLASTIC OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES (Y) NO (N)

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.

TYPE MWD/MSD/MGD DRILLERS LIC. NO. 399

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. MDS017

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

DEPTH (nearest ft.)

Table with columns: EACH CASING, depth (nearest ft.) from, to. Row 1: H0 30 350

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

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

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 110

METHOD USED TO MEASURE PUMPING RATE Submersible

WATER LEVEL (distance from land surface)

BEFORE PUMPING 62 ft.

WHEN PUMPING 110 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

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES (Y) NO (N)

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

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER

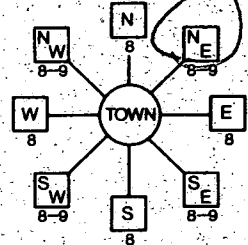

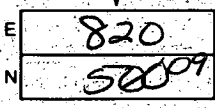
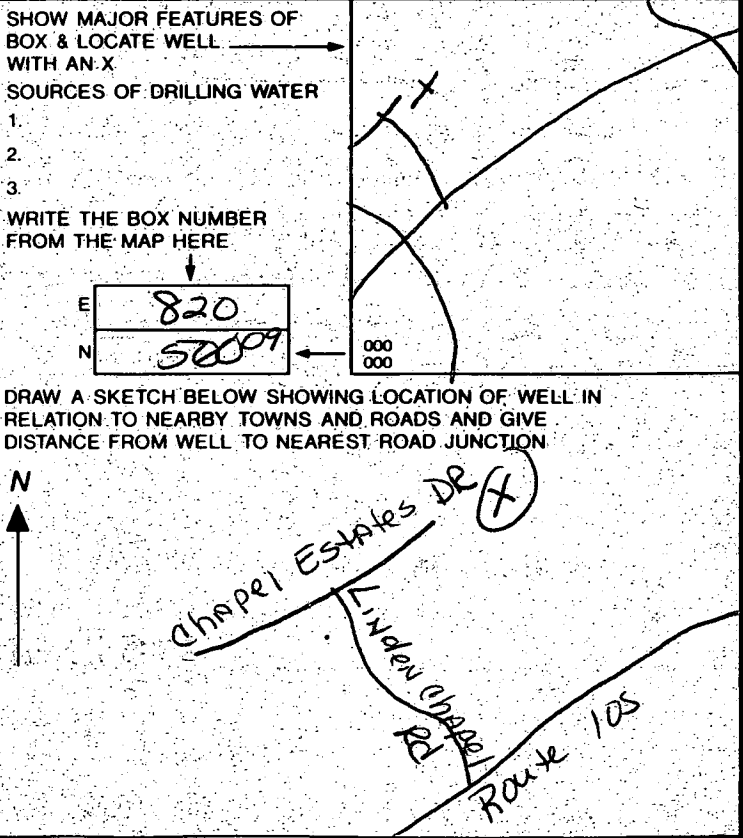
PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

LAND SURFACE (nearest foot)

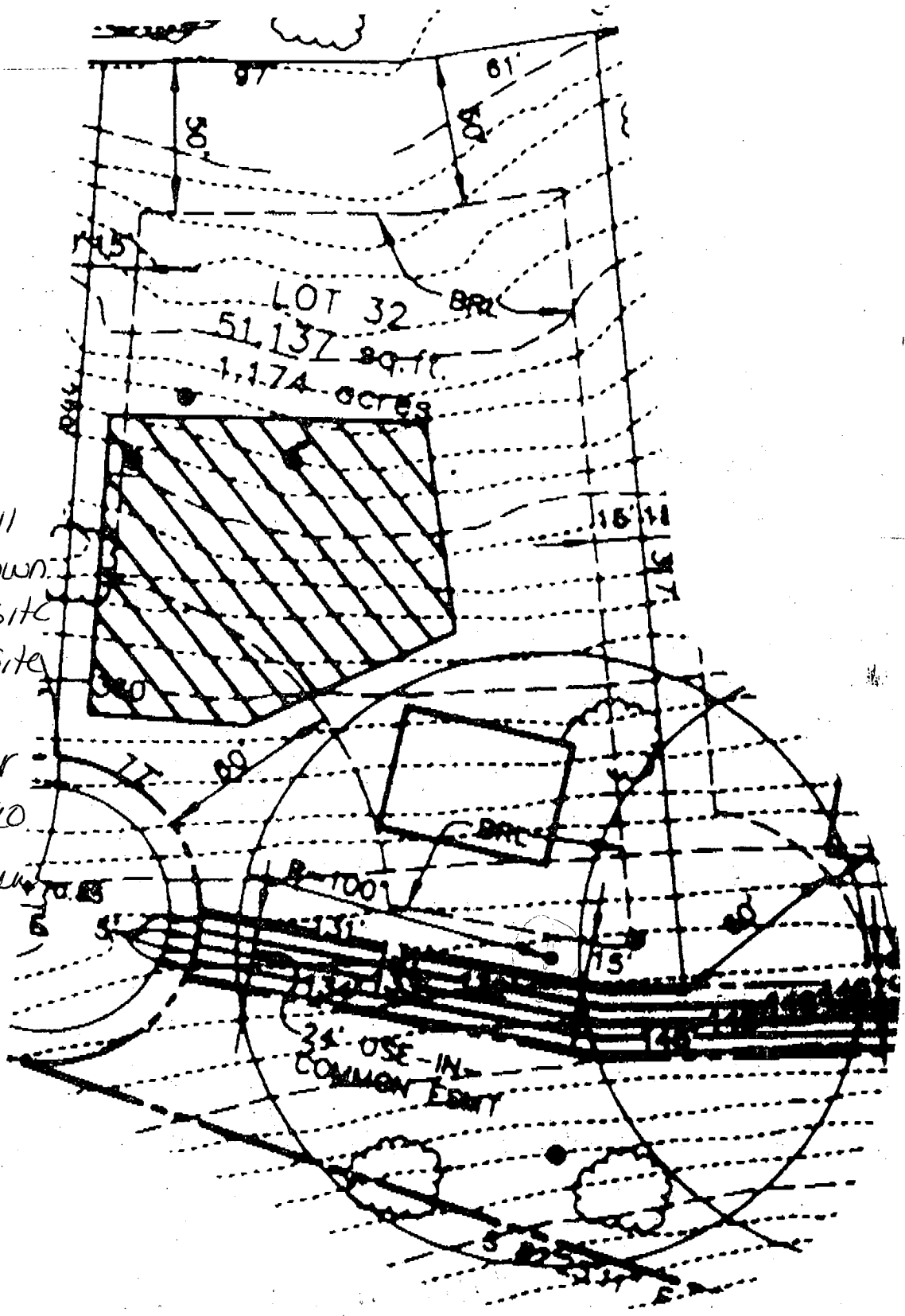
LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

NA

<b>B 1</b> 1 2 3 4 5 6 <b>1707</b> (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (MDE USE ONLY) <b>STATE OF MARYLAND PERMIT TO DRILL WELL</b> please print or type	STATE PERMIT NUMBER <b>HO-94-0627</b> <small>70 fill in this form completely 79</small>
<b>Date Received (APA)</b> <b>07/14/95</b> <b>OWNER INFORMATION</b> 8 13 <b>JJM INC</b> 15 Last Name Owner First Name 34 <b>5570-205 STERKREHT P I</b> 36 Street or RFD 55 <b>COLUMBIA MD 21049</b> 57 Town 70 State 72 Zip 78	<b>B 3</b> <b>LOCATION OF WELL</b> 1 2 <b>HOWARD</b> 8 COUNTY 21 <b>CHAPEL WOODS</b> 23 SUBDIVISION 42 SECTION 44 46 LOT <b>34</b> 48 50 <b>CHARKSVILLE</b> 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) <b>2</b> M I 73 76 77 78	
<b>DRILLER INFORMATION</b> Paul M. Fabiszak CIRCLE: MSD/MGD/MWD <b>399</b> Driller's Name 77 License No. 80 <b>G. Edgar Harr Sons' Corp.</b> Firm Name <b>12047 Falls Road Cockeysville 21030</b> Address Signature <i>Paul M. F.</i> Date <b>7/14/95</b>	<b>B 4</b> DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  <b>CHAPEL ESTATES DRIVE</b> 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  DISTANCE FROM ROAD: <b>200</b> ENTER FT. OR MI <b>FT</b> 34 37 38 39 TAX MAP: _____ BLK: _____ PARCEL: _____	
<b>B 2</b> <b>WELL INFORMATION</b> APPROX. PUMPING RATE (GAL. PER MIN.) <b>5</b> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <b>750</b> 8 12 14 20	NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <b>Howard County A50211-E</b> COUNTY NAME COUNTY NO. STATE SIGNATURE _____ INSERT S <input type="checkbox"/> 41 DATE ISSUED <b>07/25/95</b> <b>A. M. Mullen</b> <b>7-25-96</b> 43 48 CO SIGNATURE EXP. DATE NORTH GRID <b>509000</b> EAST GRID <b>0820000</b> 50 55 57 63	
<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b> <input checked="" type="checkbox"/> <b>D</b> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> <b>F</b> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> <b>I</b> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> <b>P</b> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> <b>T</b> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)	APPROXIMATE DEPTH OF WELL <b>200</b> FEET 24 28 APPROXIMATE DIAMETER OF WELL <b>6</b> INCH NEAREST INCH	
<b>METHOD OF DRILLING (circle one)</b> BORED (or Augered) <input checked="" type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN 30 AIR-ROTARY <input type="checkbox"/> AIR-PERCussion <input checked="" type="checkbox"/> ROTARY (Hydraulic Rotary) 37 CABLE <input type="checkbox"/> REVerse-ROTary <input type="checkbox"/> DRive-POINT other _____	SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. _____ 2. _____ 3. _____ WRITE THE BOX NUMBER FROM THE MAP HERE  DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
<b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b> <input checked="" type="checkbox"/> <b>N</b> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> <b>Y</b> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="checkbox"/> <b>S</b> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> <b>D</b> THIS WELL WILL DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52	Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROX. PERMIT NUMBER _____ G A P _____ 54 63 FORCE <b>JJM</b> WRITE INITIALS IN BOX 67 68 PERMIT No. <b>HO-94-0627</b> 70 71 72 73 74 75 76 77 78 79	
<b>SPECIAL CONDITIONS</b> NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED		



7-25-95  
 Proposed well  
 location shown.  
 OK. No well site  
 inspection. Site  
 staked by  
 surveyors per  
 Eric. Mikalasko.  
 A. McMillan



# APPLICATION

PERCOLATION TESTING

A 50211 E

P \_\_\_\_\_

DISTRICT 5th

DATE August 11, 1994

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 Eric M. Blasko, c/o Jgm Inc.  
5570 Herrett Place, Suite 205  
ADDRESS Columbia, MD 21044 PHONE \_\_\_\_\_

PROSPECTIVE BUYER NA  
ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Chapel Woods III LOT NO. 32  
ROAD AND DESCRIPTION Chapel Woods Drive off Route 108

TAX MAP 29 PARCEL # 86  
SIZE OF LOT \_\_\_\_\_ TYPE BLDG. SFD - common area septic field  
(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.

Christine A. Richards Agent  
(SIGNATURE OF APPLICANT) Renee Mueggli

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

HD-216

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' 66

bill

1' beigh matrix  
Salm mica  
mottled yellow red  
platy structure from parent rock

9' 1gt tan orange  
Sasilm

12'

67

top 2-3' has been cut so no clay layer

brn sand micaceous zones of white chalky rock

12'

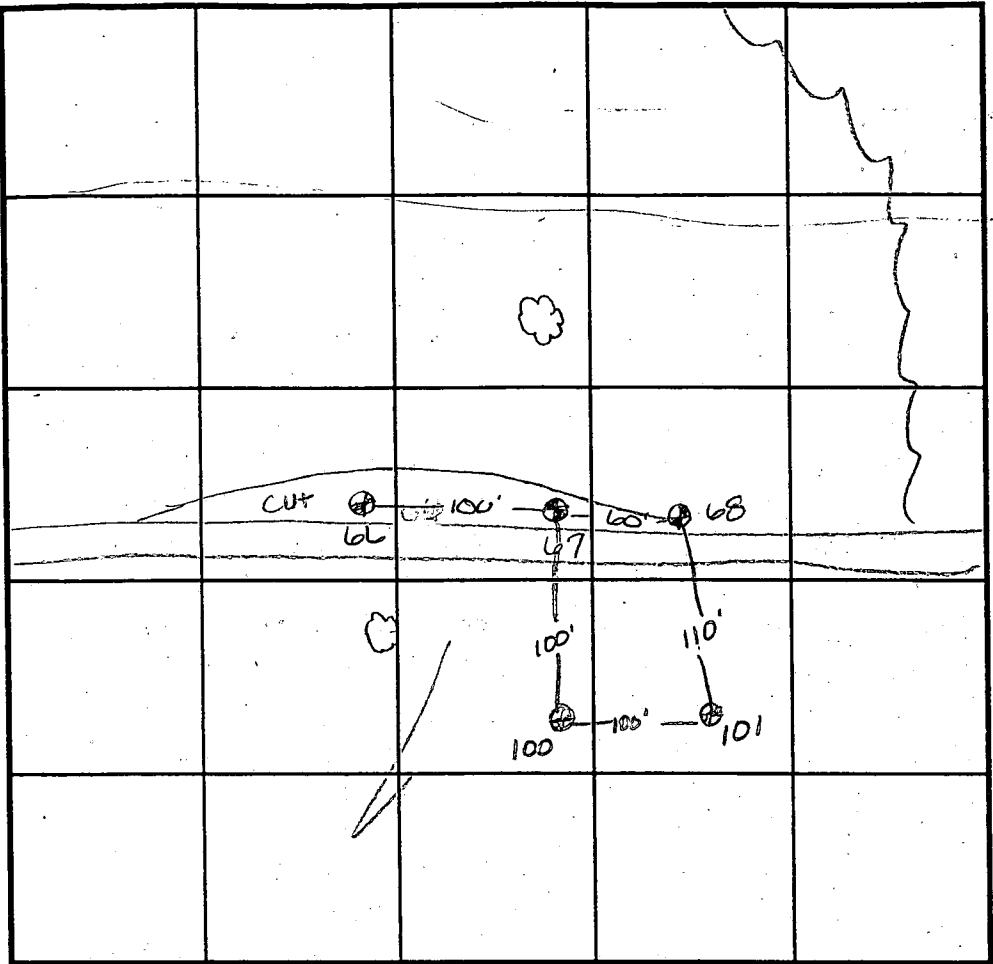
68

fill

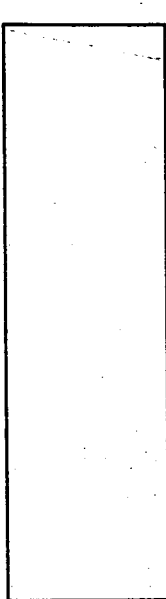
4' large grained sand mica

6' brn salm 5% small rock frags

12'



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-7-95	66	2' V12	12:20	12:20 <sup>30</sup>	12:20 <sup>30</sup>	12:21 <sup>30</sup>	1min
	66	repour	12:21	12:22 <sup>30</sup>	12:22 <sup>30</sup>	12:24 <sup>30</sup>	2min
	66	5' V12	12:24	12:26	12:26	12:28	2min
	67	2' V12	12:35	12:38	12:38	12:45	8min
	67	5' V12	12:35	12:36 <sup>30</sup>	12:36 <sup>30</sup>	12:38 <sup>30</sup>	2min
	68	5.5' V12	12:55 <sup>15</sup>	1:00	1:00	1:12	12min

REMARKS Holes used on approved prelim. plan: 67, 68, 100, 101

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

COUNTY #

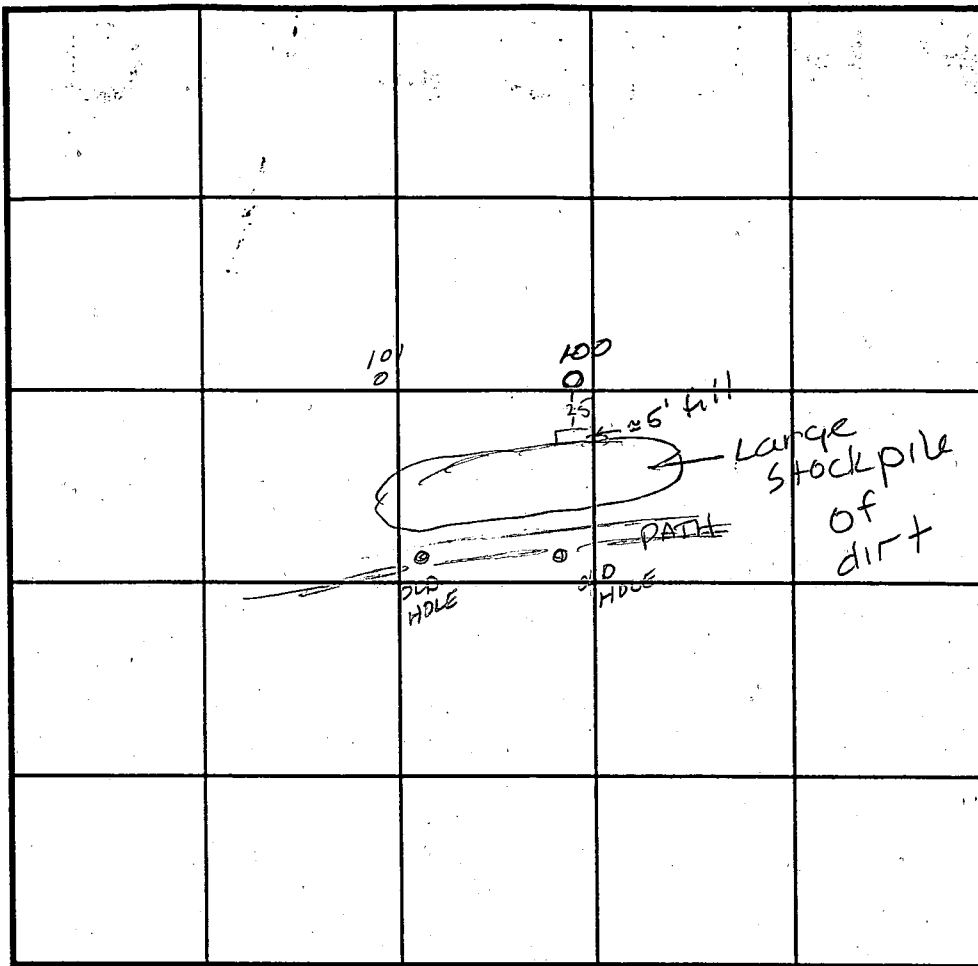
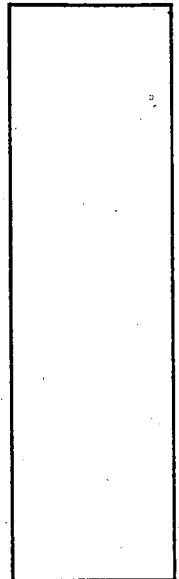
SOIL PROFILE

100

0' red brn  
5Clm  
3' lgt  
brn  
salm  
pockets  
of  
white  
decayed  
quartz  
OK

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

101

brn  
5aClm  
micaceous  
35 30-40%  
large  
rock  
flags

35 brown  
salm  
5-10%  
large  
5" dia  
rock  
flags  
12'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-11-95	-100	<del>3'5</del> V13	10:11 <sup>30</sup>	>30min			slow
	-100	<del>6'</del> V13	10:21 <sup>45</sup>	10:22 <sup>45</sup>	10:22 <sup>45</sup>	10:24	1 1/4 min
	-101	<del>3'</del> V12	10:19 <sup>45</sup>	10:23	10:23	10:30	7min
	-101	<del>5'</del> V12	10:28 <sup>45</sup>	10:34	10:34	10:45	11min

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Chapel Woods Sec III LOT NO. 33

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(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.

(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

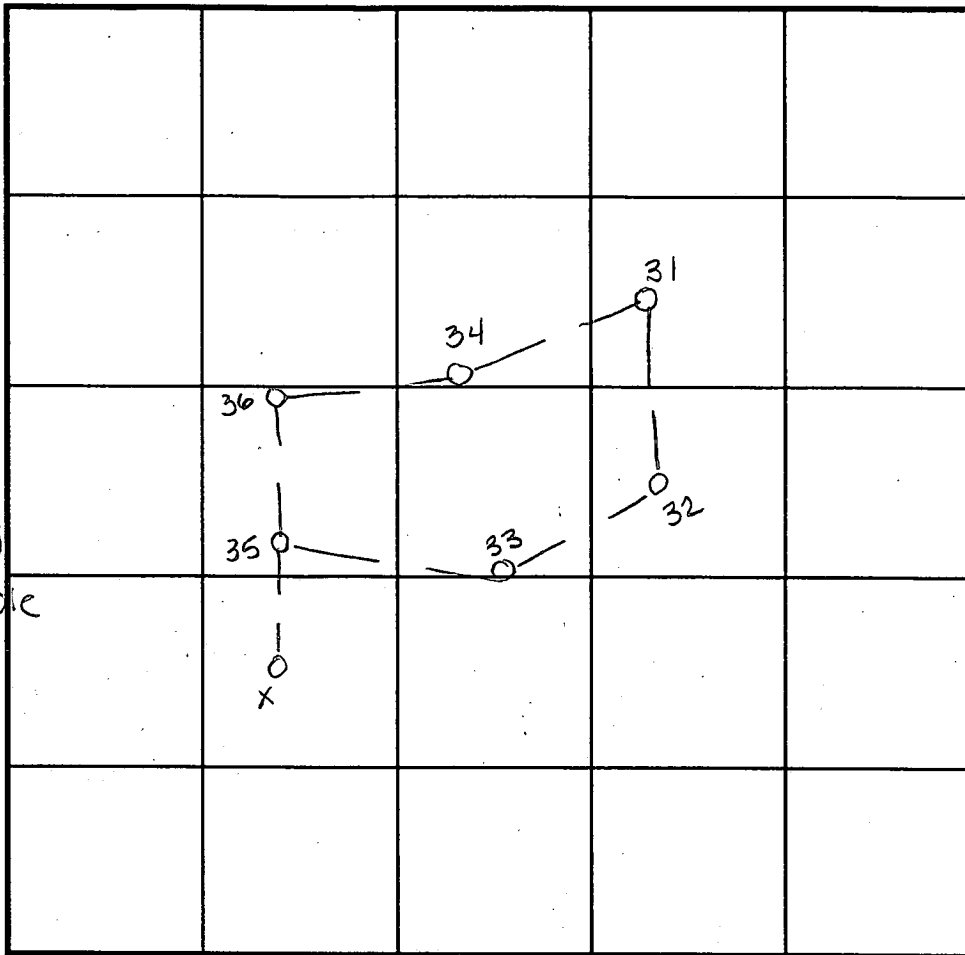
COUNTY #

SOIL PROFILE

0' X  
 dark grey fill  
 1.5' yellow orange clay  
 4' beige sand mica  
 8' rock approaching >50% questionable  
 13'

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-27-94	X	3.5 v13	6:07	6:23	6:23	6:40	17 min
	X	5.5 v13	6:04 <sup>15</sup>	6:13	6:13	6:29	16 min

REMARKS No tests, refuse pile to be removed

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

# copy of signed Preliminary Plan P-95-19

EX. 100 YEAR FLOODPLAIN,  
DRAINAGE AND UTILITY  
EASEMENT

75' STREAM  
BUFFER

BRANCH

25' WETLANDS  
BUFFER

25' WETLANDS  
BUFFER

LIMITS OF  
WETLANDS

CLYDES

NOTE: POND MEETS  
D. 378 AS PER  
88-231  
DRAINAGE AND  
EASEMENT

LOT 30  
49,523 sq. ft.  
1.137 acres

EX. SEPTIC  
AREA

LOT 31  
49,056 sq. ft.  
1.126 acres

LOT 32  
51,137 sq. ft.  
1.174 acres

LOT 33  
52,793 sq. ft.  
1.212 acres

350-LOT 34  
59,779 sq. ft.  
1.372 acres

LOT 35  
59,878 sq. ft.  
1.375 ac

PROP. WELL

PROP. WELL

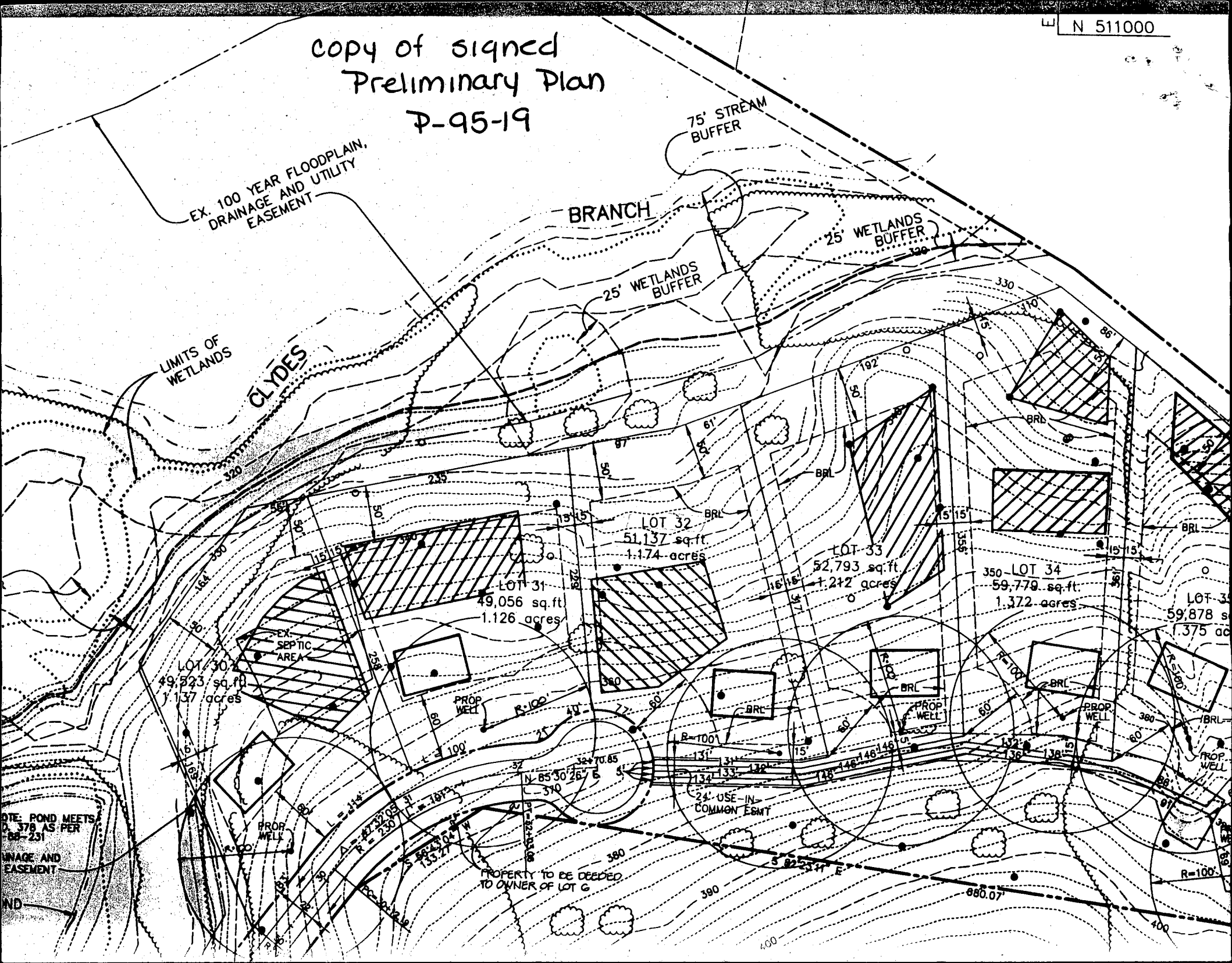
PROP. WELL

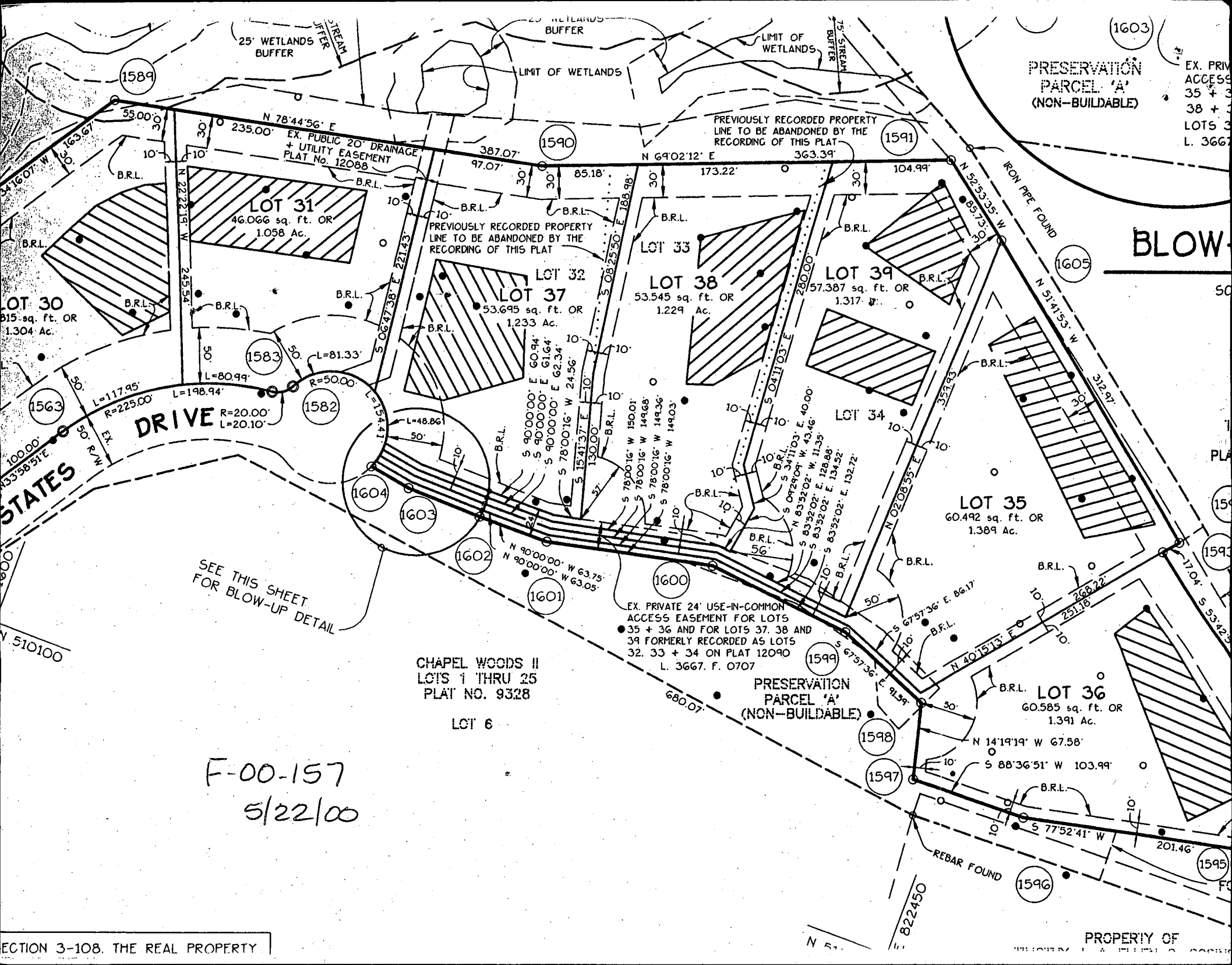
PROP. WELL

24' USE IN  
COMMON ESMT

PROPERTY TO BE DECEDED  
TO OWNER OF LOT G

ND





PRESERVATION  
PARCEL 'A'  
(NON-BUILDABLE)

EX. PRIV  
ACCESS  
35 + 3  
38 + 3  
LOTS 3  
L. 3667

BLOW-UP

STATES DRIVE

SEE THIS SHEET  
FOR BLOW-UP DETAIL

CHapel Woods II  
LOTS 1 THRU 25  
PLAT NO. 9328

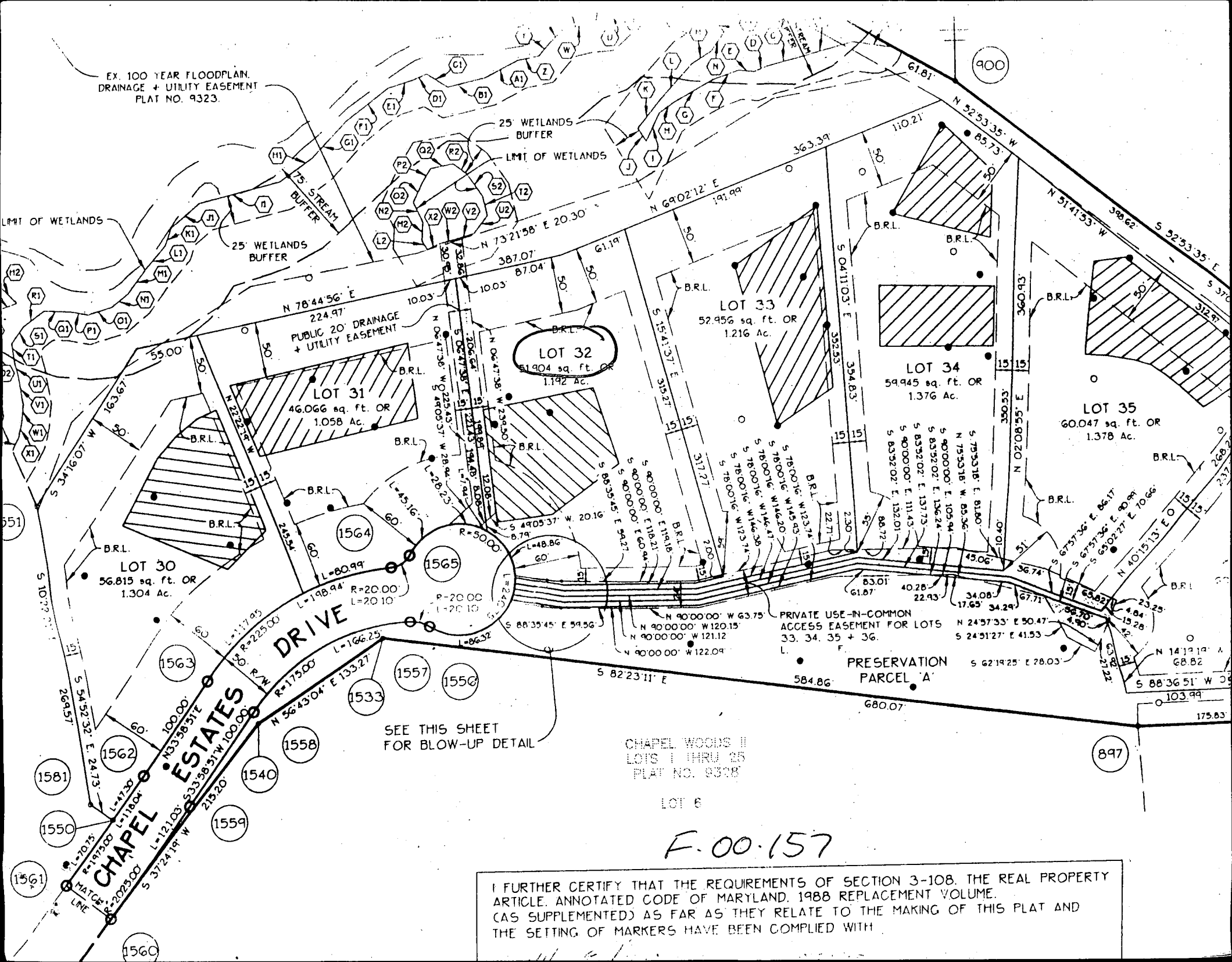
LOT 6

EX. PRIVATE 24' USE-IN-COMMON  
ACCESS EASEMENT FOR LOTS  
35 + 36 AND FOR LOTS 37, 38 AND  
39 FORMERLY RECORDED AS LOTS  
32, 33 + 34 ON PLAT 12090  
L. 3667. F. 0707

PRESERVATION  
PARCEL 'A'  
(NON-BUILDABLE)

F-00-157  
5/22/00

EX. 100 YEAR FLOODPLAIN.  
DRAINAGE + UTILITY EASEMENT  
PLAT NO. 9323.



**CHAPEL ESTATES DRIVE**

SEE THIS SHEET  
FOR BLOW-UP DETAIL

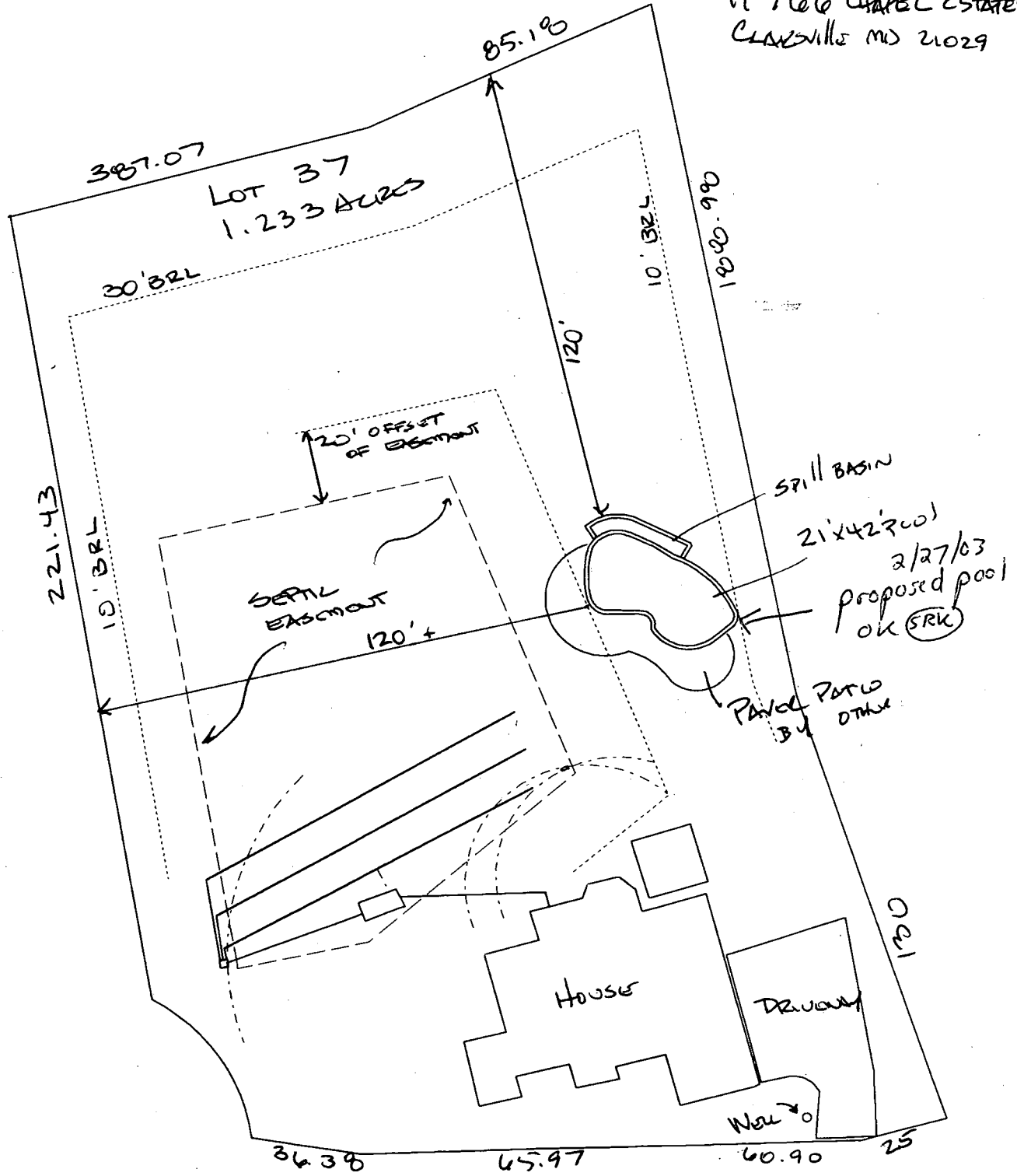
CHAPEL WOODS II  
LOTS 1 THRU 25  
PLAT NO. 9328

LOT 6

*F.00.157*

I FURTHER CERTIFY THAT THE REQUIREMENTS OF SECTION 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

KELVIN HARDY  
 11766 CHAPEL ESTATES DR  
 CLARKVILLE MD 21029



Scale 1" = 40'

SUNSET POOL CONTRACTORS, LLC