

05-412188

LAYOUT 7/26/02 10-11 INSP 4 _____
INSP-2 8/05/02 2:30pm INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 7/22/2002

P 517373

APPROVAL DATE: 8/5/02

A 037520

PERMIT INDEXED

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

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 580 Obrecht Rd, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: Chapel Woods II LOT NUMBER: 23

ADDRESS: 11845 Chapel Estates Drive PROPERTY OWNER: Jay & Barbara Dandridge

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: 240

LINEAR FEET OF TRENCH REQUIRED: 320

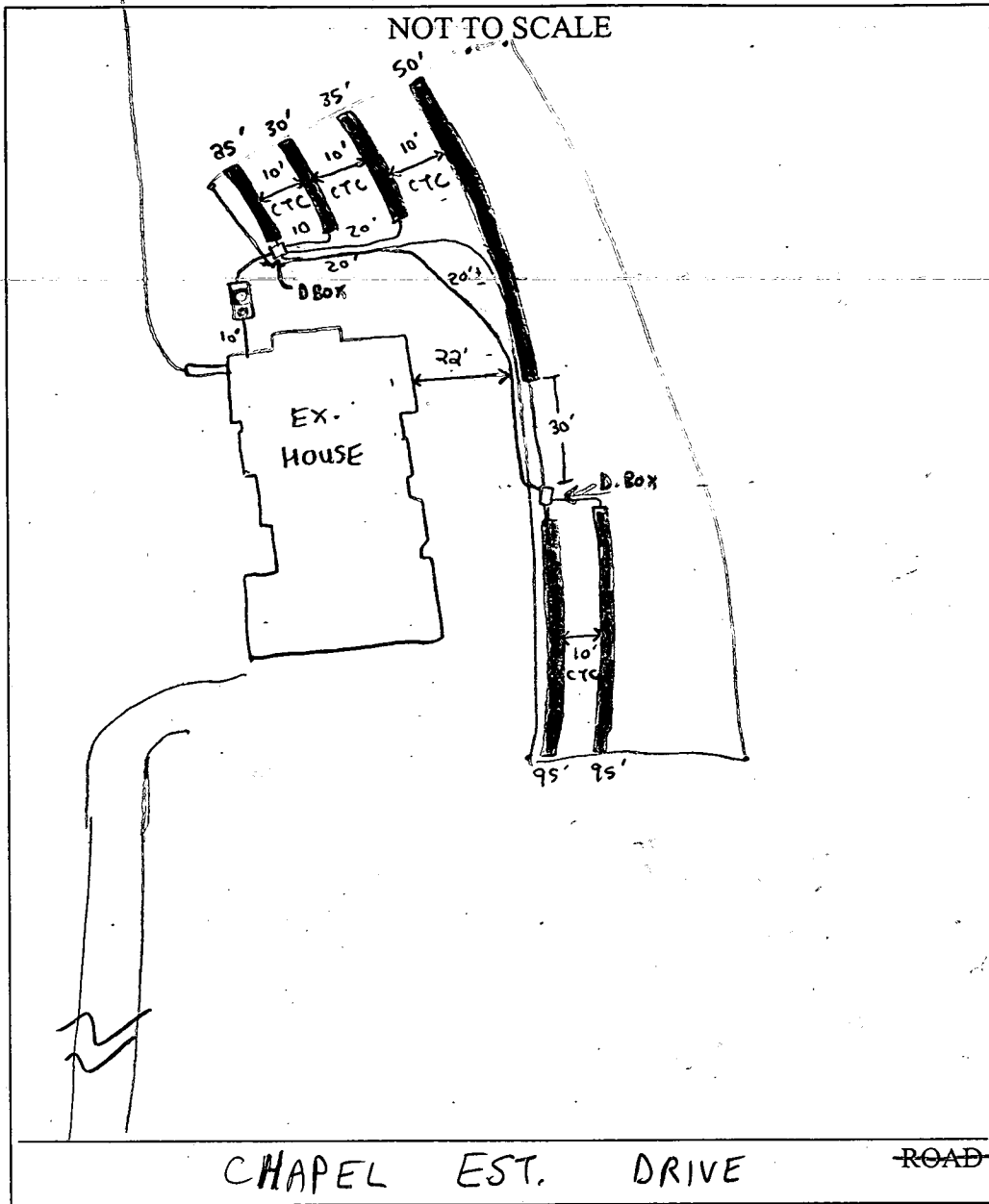
TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box 25 feet from the left 383.69' lot line and 160 feet from the front 337.62' lot line. <u>Trenches to be 7 feet from edge to edge.</u>
NOTES:	<u>LAYOUT INSP. CRITICAL</u> <u>SHORT TRENCHES TO BE INSTALLED!</u>

PLANS APPROVED: Brian Baker OK SRK 12/11/01 DATE: 12/10/01

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

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 CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A37520



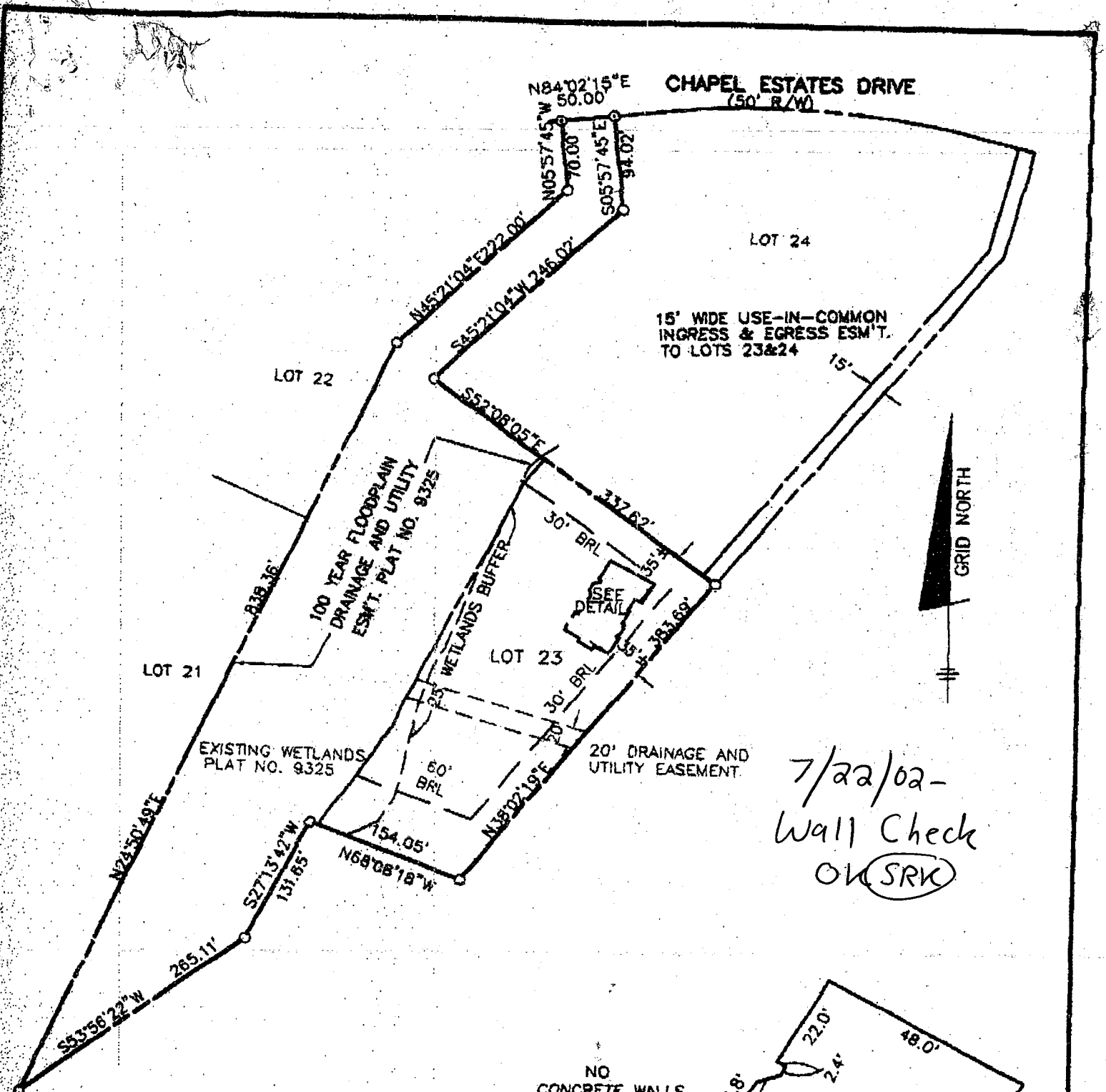
TRENCH/DRAINFIELD DATA:		
WIDTH	INLET	BOTTOM
3'	4'	6'
NUMBER OF TRENCHES		6
TOTAL LENGTH		330'
ABSORPTION AREA		990 ft ²
DISTRIBUTION BOX LEVEL		✓
DISTRIBUTION BOX BAFFLE		✓
DISTRIBUTION BOX PORT		✓

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2-3'
BAFFLES	✓
BAFFLE FILTER	NA
MANHOLE LOC	center
6" PORT LOC	front
WATERTIGHT TEST	NA
SEPTIC TANK 2 LEVEL	NA
CAPACITY	NA GAL
SEAM LOC	NA
TANK LID DEPTH	NA
BAFFLES	NA
BAFFLE FILTER	NA
MANHOLE LOC	NA
6" PORT LOC	NA
WATERTIGHT TEST	NA

PRE-CONSTRUCTION 7/26/02 - SDA STAKED, OK TO SET 2 (DISTRIBUTION BOXES) - ONE TO SERVE SHORT 30' TRENCHES & ANOTHER TO SERVE LONGER TRENCHES, THIS INSTALLATION IS TO HELP W/ BETTER DIST. OF EFFLUENT - (SRK)

8/5/02 - OK TO COVER ALL WORK - (SRK)

FINAL INSPECTOR Steven R. King DATE OF APPROVAL 8/5/02



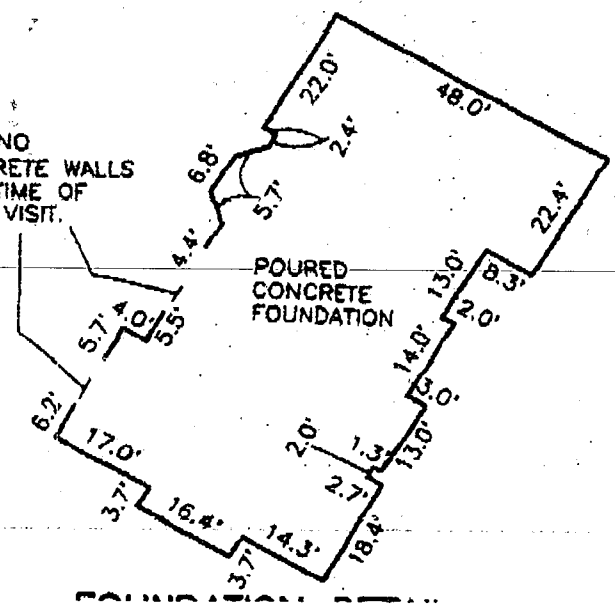
7/22/02 -
Wall Check
OK SRK

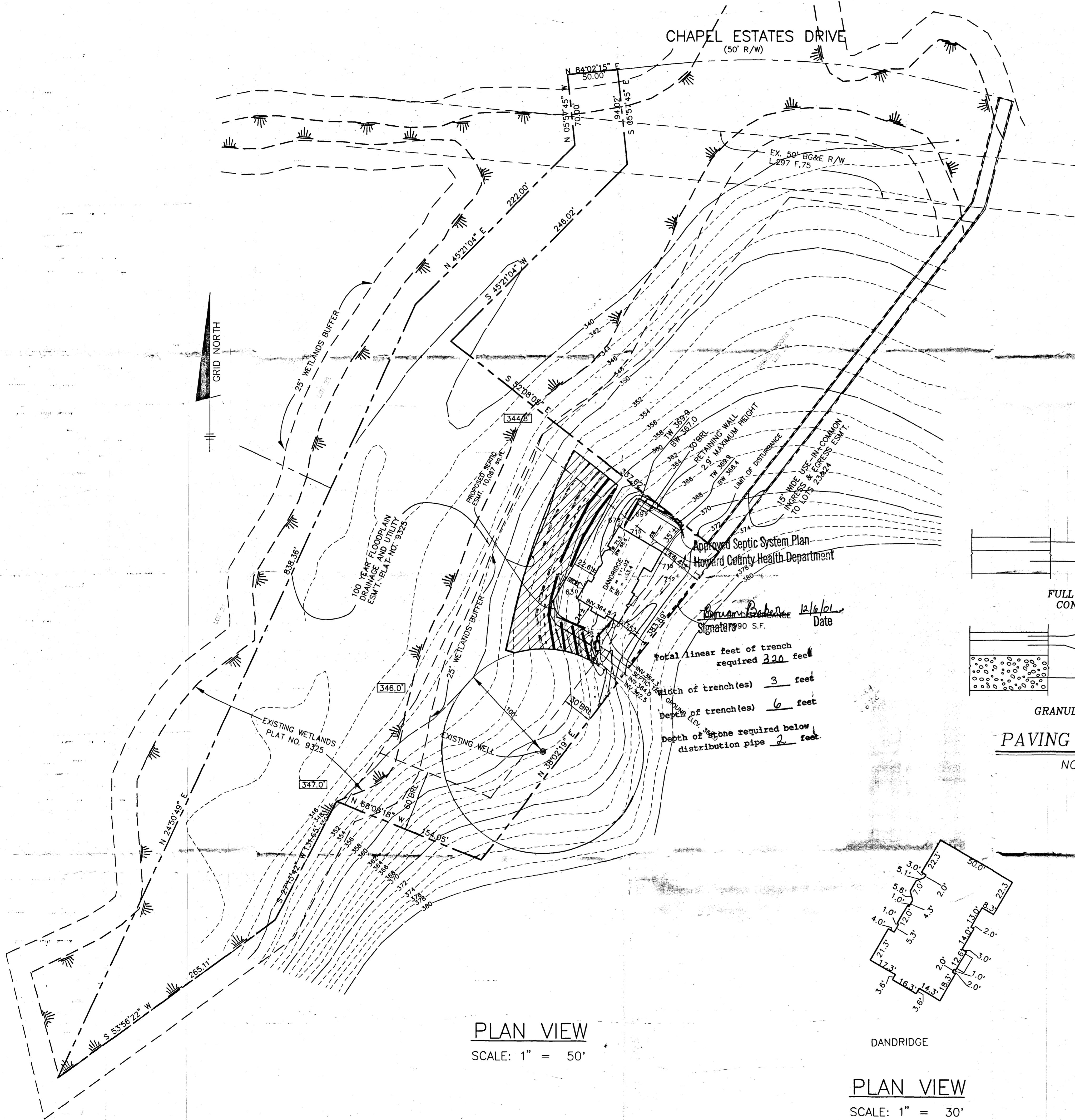
TOP OF FOUNDATION WALL ELEVATION = 373.1'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 03/04/02; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY RIEWER MUEGGE & ASSOCIATES, INC. ENTITLED "CHAPEL WOODS - 2 LOT 1-25", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 9325.

NO CONCRETE WALLS AT TIME OF SITE VISIT.

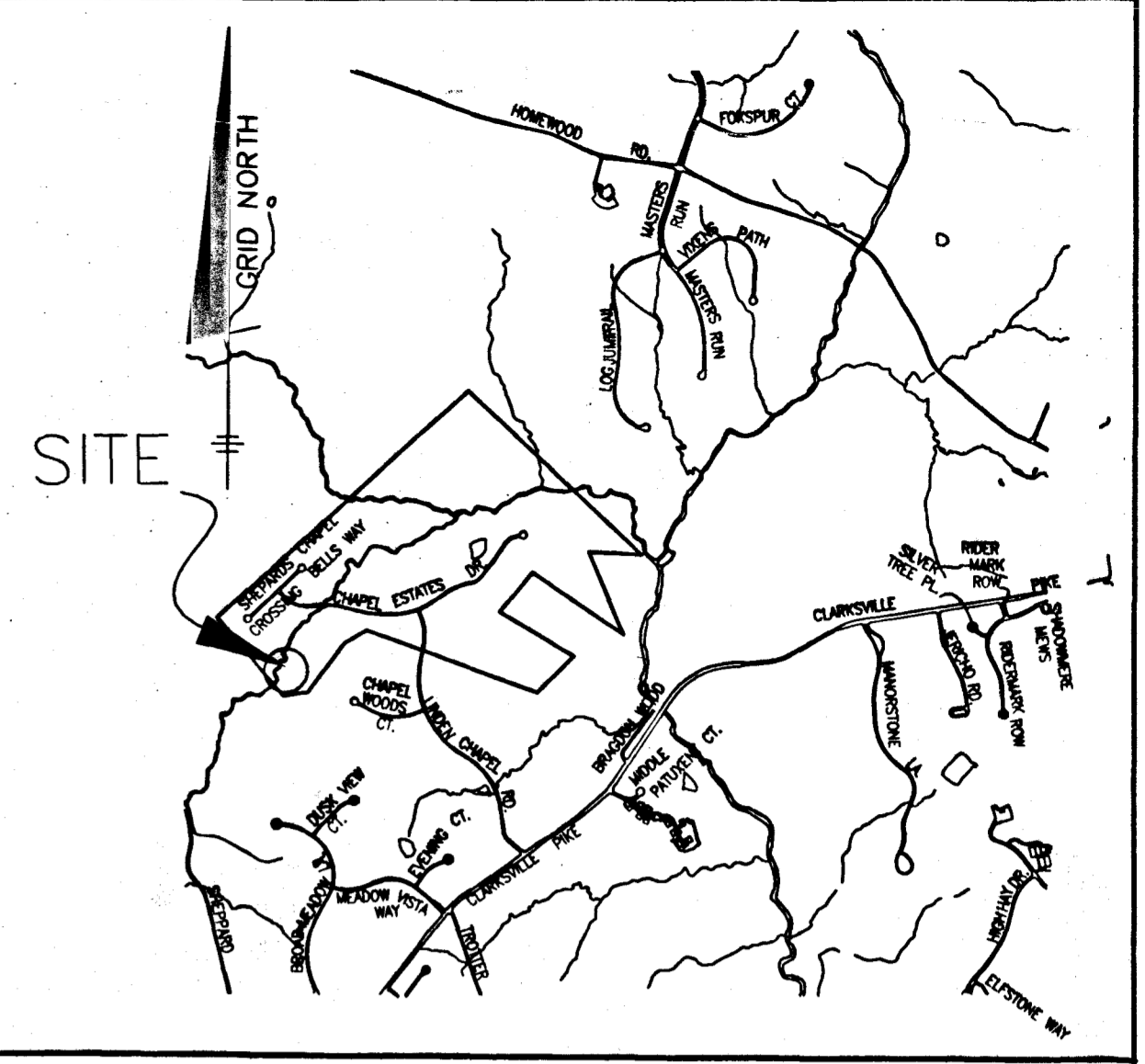




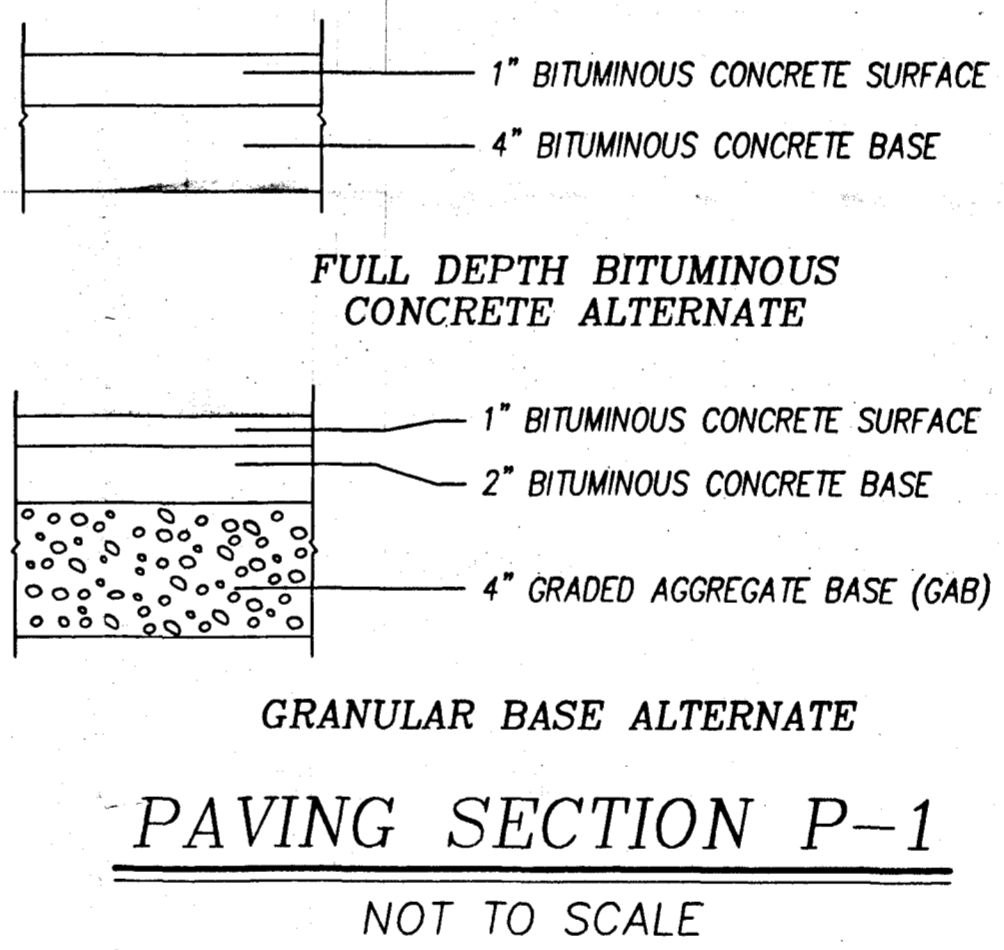
CHAPEL ESTATES DRIVE
(50' R/W)

LEGEND

- EXISTING CONTOURS
- PROPOSED CONTOURS
- EXISTING WOODS LINE
- PROPOSED WOODS LINE
- EXISTING STRUCTURE
- PROPOSED STRUCTURE
- PRIVATE SEWERAGE EASEMENT
- EXISTING WELL



VICINITY MAP
SCALE: 1" = 2000'



GENERAL NOTES

1. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE REQUIRED.
3. UNLESS OTHERWISE SHOWN NO WELLS OR SEWERAGE EASEMENTS ARE LOCATED WITHIN 100 FEET OF THE PROPERTY.
4. EXACT LENGTH OF SEPTIC TRENCHES IS TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
5. TOPOGRAPHY SHOWN HEREON IS FROM PRELIMINARY PLAN P-88-07

PLAN VIEW
SCALE: 1" = 50'

PLAN VIEW
SCALE: 1" = 30'

NO.	DATE	REVISION
BENCHMARK ENGINEERS & LAND SURVEYORS & PLANNERS ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE & SUITE 418 ELLICOTT CITY, MARYLAND 21043 PHONE: 410-485-8105 FAX: 410-485-8844		
OWNER: JAY AND BARBARA DANDRIDGE 11845 CHAPEL ESTATES DRIVE CLARKSVILLE, MARYLAND 21029		PROJECT: CHAPEL WOODS II LOT 23 PLAT NO. 13996
BUILDER: GYC GROUP, LTD. 150 E. MAIN ST. WESTMINSTER, MARYLAND 21157		LOCATION: TAX MAP 29 - BLOCK 13 - PARCEL 86 8TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE: PLOT PLAN		DATE: OCTOBER, 2001 DECEMBER, 2001
DESIGN: DAM	DRAFT: EDD	PROJECT NO. 1435 SCALE: AS SHOWN DRAWING 1 OF 1

**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: GVC Telephone #: 410-840-928
Address: 11845 CHADLE EST. Dr.
Charksville MD

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:

Name (Print): Ronald W. Smith License # PI 074

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

Name of Property Owner: _____ Telephone #: _____
Subdivision: Chapel Woods II Lot #: 23 Well Tag #: HO-88-2441
Site Address: 11845 Chapel Estates Drive

Submersible Pump Data

Make: Goulds
Model #: SSB0422
Pump Capacity 5 GPM
Well Yield: 1.2 CPM

Pitless Adapter

Make: Campbell
Model #: B410K
Depth: 36 (36" min)
NSF approved: Yes

Well Cap and Electric Conduit

Two piece watertight cap: X
Screened, vented well cap: _____
Cap secured to casing: X
Conduit min 18" B.G.: X
Conduit secured to well cap: X

Depth of well encountered at time of pump installation: 46 (feet)
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 NO

Piping to house

Type: Plastic
PSI: 160 (160 psi min)
Depth of supply line: 42 (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: Yes
Approximate length of sleeve: 5
Sleeve caulked and sealed properly: Yes

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.

Signature of company representative responsible for installation: Ronald W. Smith date: 7/2/02

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

Date Insp. Requested: 7/22/02 Date Insp. Approved: 7/22/02 KN SRK
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 ✓

C1 1076 SEQUENCE NO. (DENV 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-37520

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid: 11/21/89

Depth of Well grid: 405 (TO NEAREST FOOT)

PERMIT NO. grid: AG-28-0941

OWNER last name CHARLES WOODS JR first name TOWN Clarksville SUBDIVISION SECTION LOT 23

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. Includes handwritten entries: SAND stone 0-27, Gray Mich. Rock 27-405.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT BENTONITE, CLAY NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL

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

MAIN CASING TYPE Nominal diameter top (main) casing Total depth of main casing

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

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

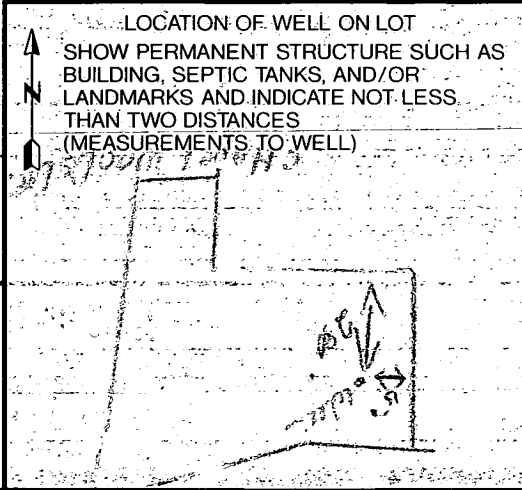
Table for SCREEN DEPTH (nearest ft.) with columns for depth intervals and grid entries.

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) TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED (for test)

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)



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

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

DRILLERS IDENT. NO. DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

Page _____ of _____
 Date: 11/21/89

Review BK MR 12/12/89

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0941
 Location of property (road) Chapel Woods Dr.
 Subdivision Chapel Woods II Lot 23 Block _____ Plat _____ Sec. _____
 Well Driller J Mayne Owner JTM, Inc.

Depth of well 405'
 Distance of measuring point (M.P.) above ground 1'
 Static water level (S.W.L.) below M.P. 6'

I. High rate pumping -- reservoir drawdown

Time pump started 7:30 Pumping rate 150 gpm
 Total time 60 min. to reach pumping water level 278' 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 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:45	120'	4 sec.		15 gal.
8:00	203	4		15
8:15	279	5		12
8:30	278	53		1.1
8:45	278	53		1.1
9:00	278	53		1.1
9:15	277	53		1.1
9:30	275	53		1.1
9:45	275	50		1.2
10:00	275	50		1.2
10:15	275	50		1.2
10:30	275	50		1.2
10:45	275	50		1.2
11:00	275	50		1.2
11:15	274	50		1.2
11:30	274	50		1.2
11:45	274	50		1.2
12:00	274	50		1.2
12:15	274	50		1.2
12:30	274	50		1.2
12:45	273	50		1.2
1:00	273	50		1.2
1:15	273	50		1.2
1:30	273	50		1.2
HD-224/45	273	50	(over)	1.2



B 1 8722

SEQUENCE NO (DP. USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

40-88-0941

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

please print or type

fill in this form completely

Date Received (APA)

09/16/89

OWNER INFORMATION

J. J. M. INC

5570 SHERRETT PLACE

COLUMBIA MD 21046

B 3

LOCATION OF WELL

HOWARD

CHAPEL WOODS II

SECTION LOT 23

CLARKSVILLE

MILES FROM TOWN (enter 0 if in town) 3 MI

DRILLER INFORMATION

Joseph L. Mayne 238

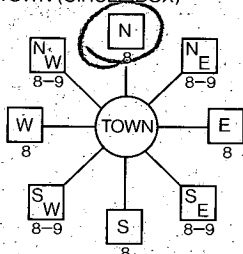
Joseph L. Mayne Well Drilling

5512 Bilge RD. Mt. Airy 2177

Joseph L. Mayne 6/14/89

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



CHapel woods DR.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 750 FT

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)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A-37520 COUNTY NAME COUNTY NO.

STATE SIGNATURE DATE ISSUED 07/21/89

CO SIGNATURE Sidny Gahl 01-20-90

NORTH GRID 509000 EAST GRID 0819000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

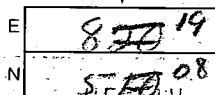
METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary DRive-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE

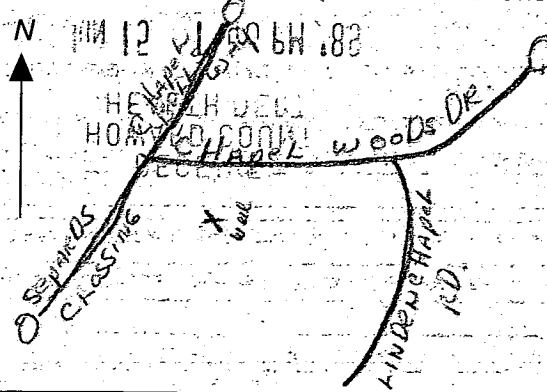


11/21/89 9:31 AM Well Driller
Grout in progress
8 # Bags of cement
32' casing
27' Grout open
1' casing above ground

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEIN AN EXISTING WELL

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



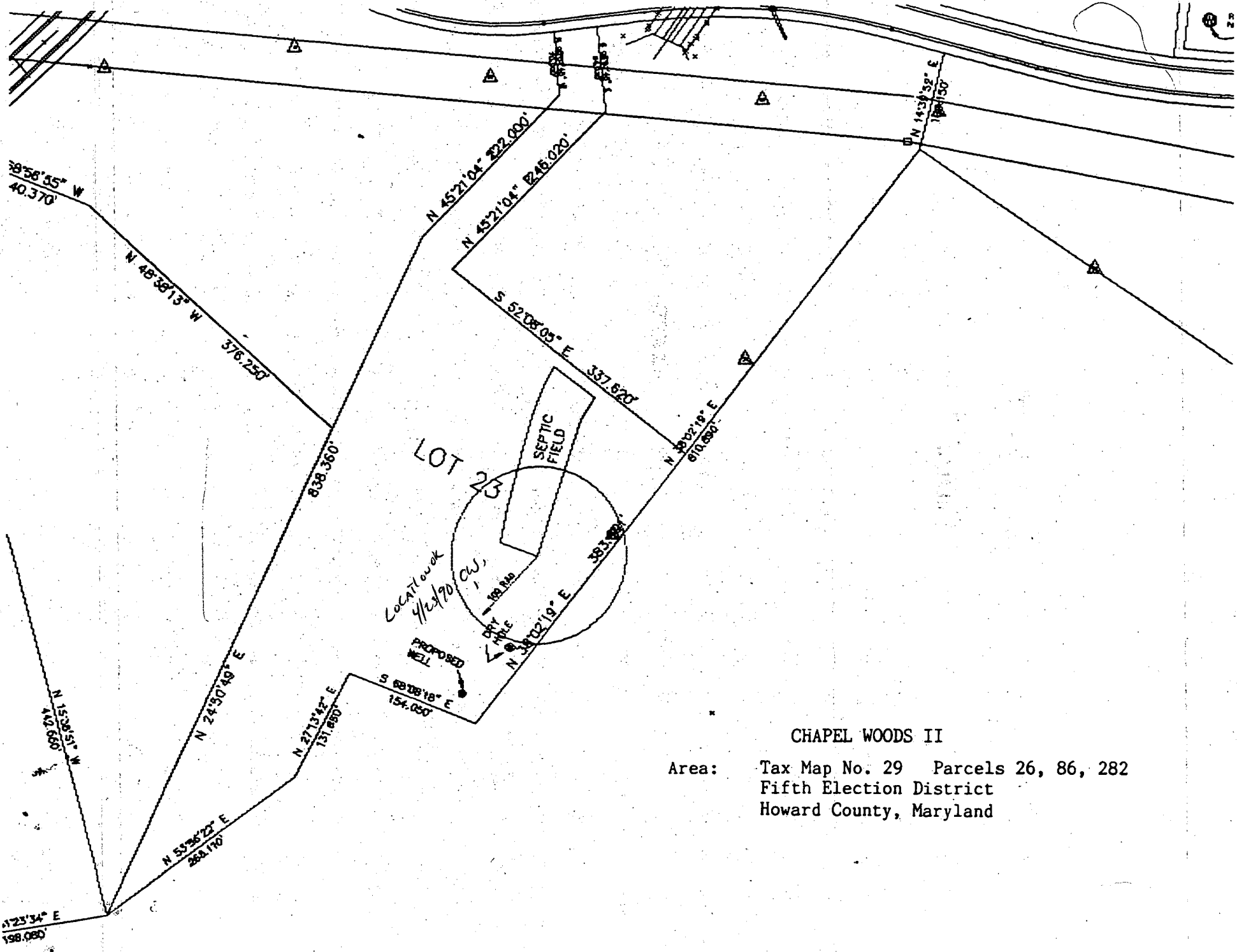
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE SA PERMIT NO. 40-88-0941

SPECIAL CONDITIONS



CHAPEL WOODS II

Area: Tax Map No. 29 Parcels 26, 86, 282
 Fifth Election District
 Howard County, Maryland

APPLICATION

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of 2

SEWAGE DISPOSAL TESTING

A 37520

STATE OF MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 992-2330

DISTRICT _____

DATE 8/14/86

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 J.J.M. Partnership

ADDRESS 5570-201 Sterrett Place PHONE 740-4466
Columbia, Maryland 21045

PROPERTY LOCATION:

SUBDIVISION Chapel Woods II LOT NO. 23

LOT 24 ON PREVIOUS
23 ON 2ND Prelim

ROAD AND DESCRIPTION West side of Middle Patuxent; North of Route 108

SIZE OF LOT 4.11 ac. TYPE BLDG. residential
(NUMBER OF BEDROOMS) _____

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.

John Mikolasko
(SIGNATURE OF APPLICANT)

APPROVED BY Sidny Alal FOR Standard Fund DATE 7-29-89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING See page 2

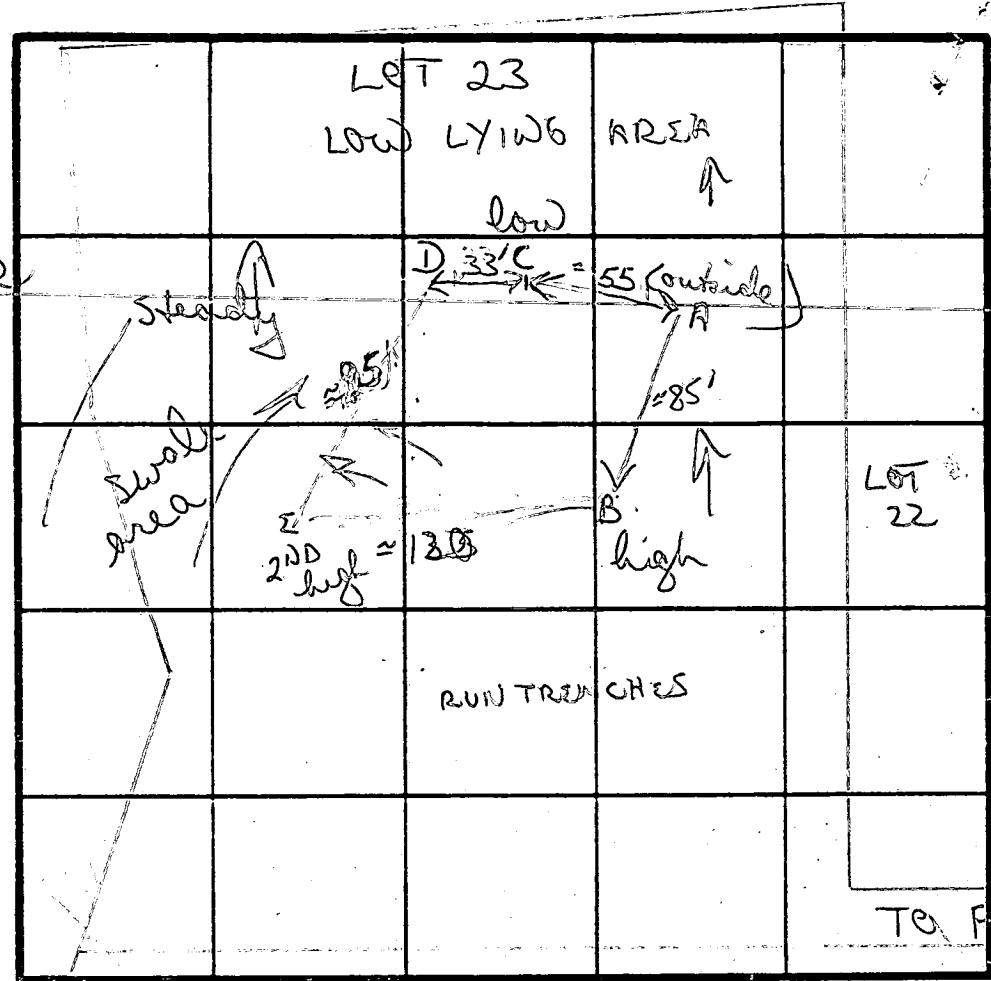
THIS IS NOT A PERMIT

red/orange
brown gritty/
chunky clay
silt loam

4 1/2'
changing to
red/orange
brown-grey
brown silty
loams w/
scattered rock
frag

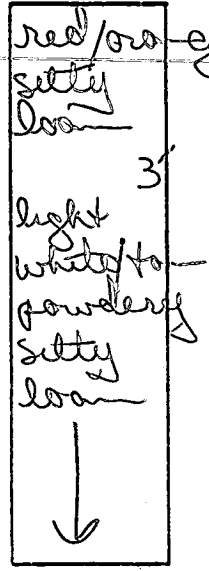
11'D
X = 18 MIN
INLET 4
MAX D 6 1/2

TO FUTURE RD



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE



chunky/silty
orange
brown clay
loams

3 1/2'
mixture
of silty
loams
w/ few small
scattered
frag

12+ D

hard/gritty/
chunky red/
brown clay
to clay loam

gradually
changing to
yellow/orange
silty clay
loam

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/4/86	C	3 1/2	1125	1126	1126	1127	1 MIN	
		12 1/2	bottom (see profile)					
	D	12+ V	SWALE ONLY (see profile)					
	A	4 1/2	1151	1158	1158	1210	12 MIN	
		11' D	bottom (see profile)					
	B	4' S	1211	1224	1224	1253	29 MIN	
		8' M	1201	1205	1205	1213	8 MIN	
		12' D	bottom (see profile)					
	E	3' S	1235	1248	1248	112	24 MIN	
		7 1/2 M	1227	1239	1229	1234	Spin	
		11 1/2 D	bottom (see profile)					

yellow/
brown
silty clay
loam (10%)

3 1/2'
changing to
powdery
tan/brown
silty loam
45% small
frag rock

11 1/2 D

Soils variable

PRE-FIELD ADJUSTED uphill
silty/clay loams; some hard packed clay loams to 4 1/2'
below silty, w/ times gritty sediments

TESTED BY BANON ALSO PRESENT HARRIS, ERIC

INLET 4' MAX 8' 200% BD/ROOM

APPLICATION

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P _____

PERCOLATION TESTING

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

DISTRICT _____

DATE 3/31/87

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 JJM PARTNERSHIP

ADDRESS 5570-201 STERLETT PLACE PHONE 301-740-4466
COLUMBIA, MARYLAND 21044

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION CHAPEL WOODS II LOT NO. 23

ROAD AND DESCRIPTION ALONG MD. ROUTE 108, NORTH OF CLARKSVILLE

TAX MAP 29 PARCEL # 9,56, 26,86, 282

SIZE OF LOT 4.0 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.

Johanna M. Koloska
(SIGNATURE OF APPLICANT)

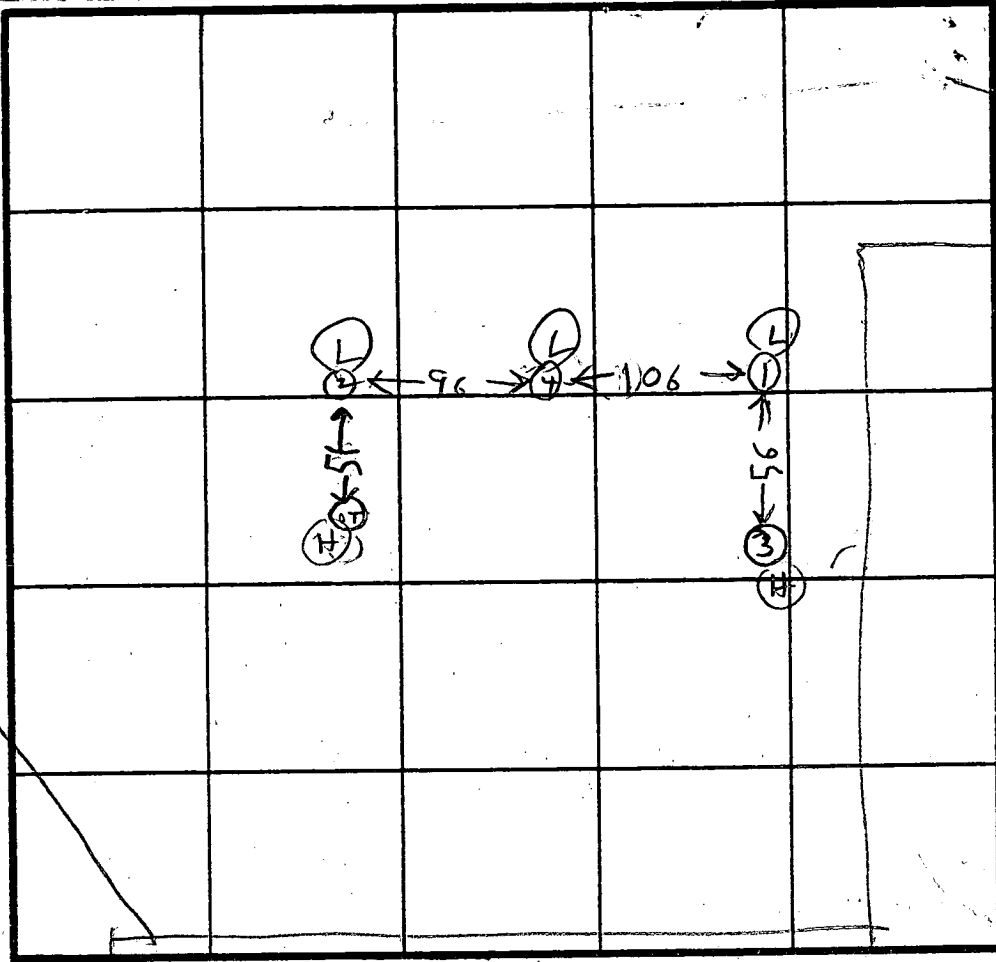
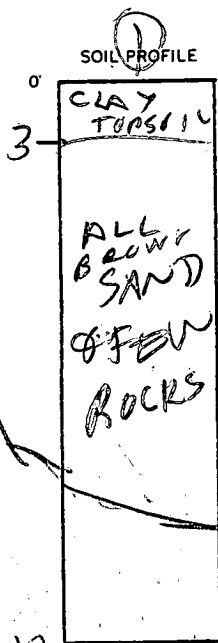
APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

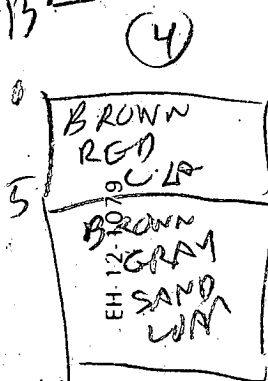
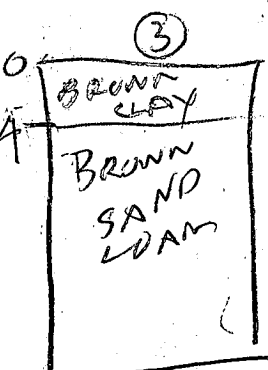
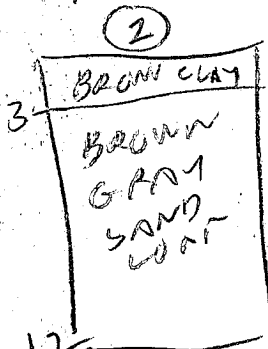
REASONS FOR REJECTION OR HOLDING 5/12/87 PERC OK for Retest
& Lot line Change

THIS IS NOT A PERMIT



HOLE ELEVATION
 (H) = HIGH
 (L) = LOW

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



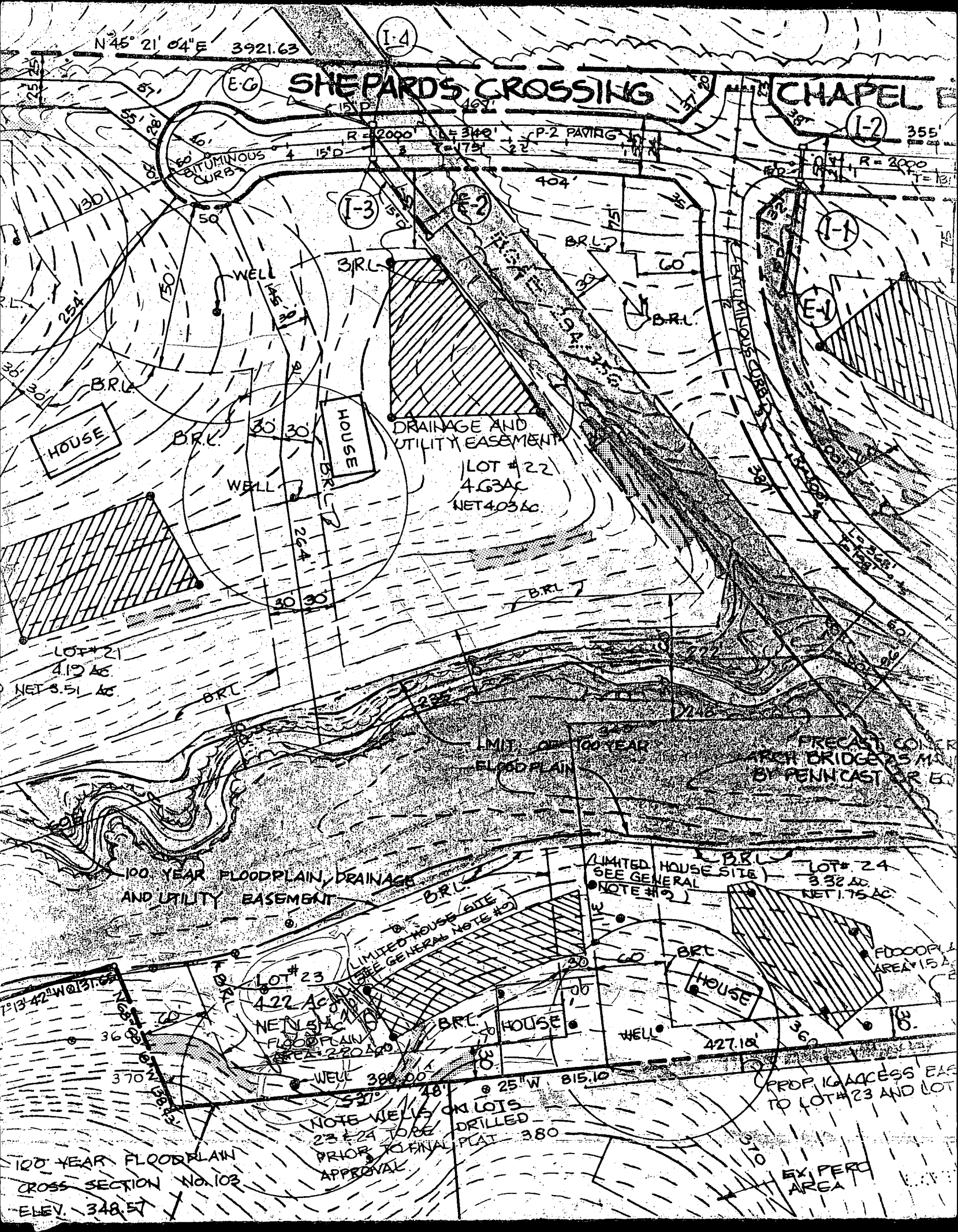
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
5/12/87	1S	5	1236	1237	1237	1238	1
	1V	12					
	2S	3 1/2	122	124	124	126	2
	2V	12	OK				
	3S	3.5	156	213	213	238	25
	3D	7.5	156	157	157	1518	1
	3V	13	OK	BELOW 5 FT			
	4V	13	OK				

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY R. HODGES ALSO PRESENT KURT BACKHOE
JOHN ORTIZ
MIGUEL OS CO

N 45° 21' 04" E 3921.63

SHEPARD'S CROSSING

CHAPEL



100 YEAR FLOODPLAIN CROSS SECTION No. 103
ELEV. 348.57

NOTE WELLS ON LOTS 23 & 24 TO BE DRILLED PRIOR TO FINAL PLAT APPROVAL

PROP 16 ACCESS EAS TO LOT # 23 AND LOT

EX. PERC. AREA

21' 04" E 3921.63

(I-4)

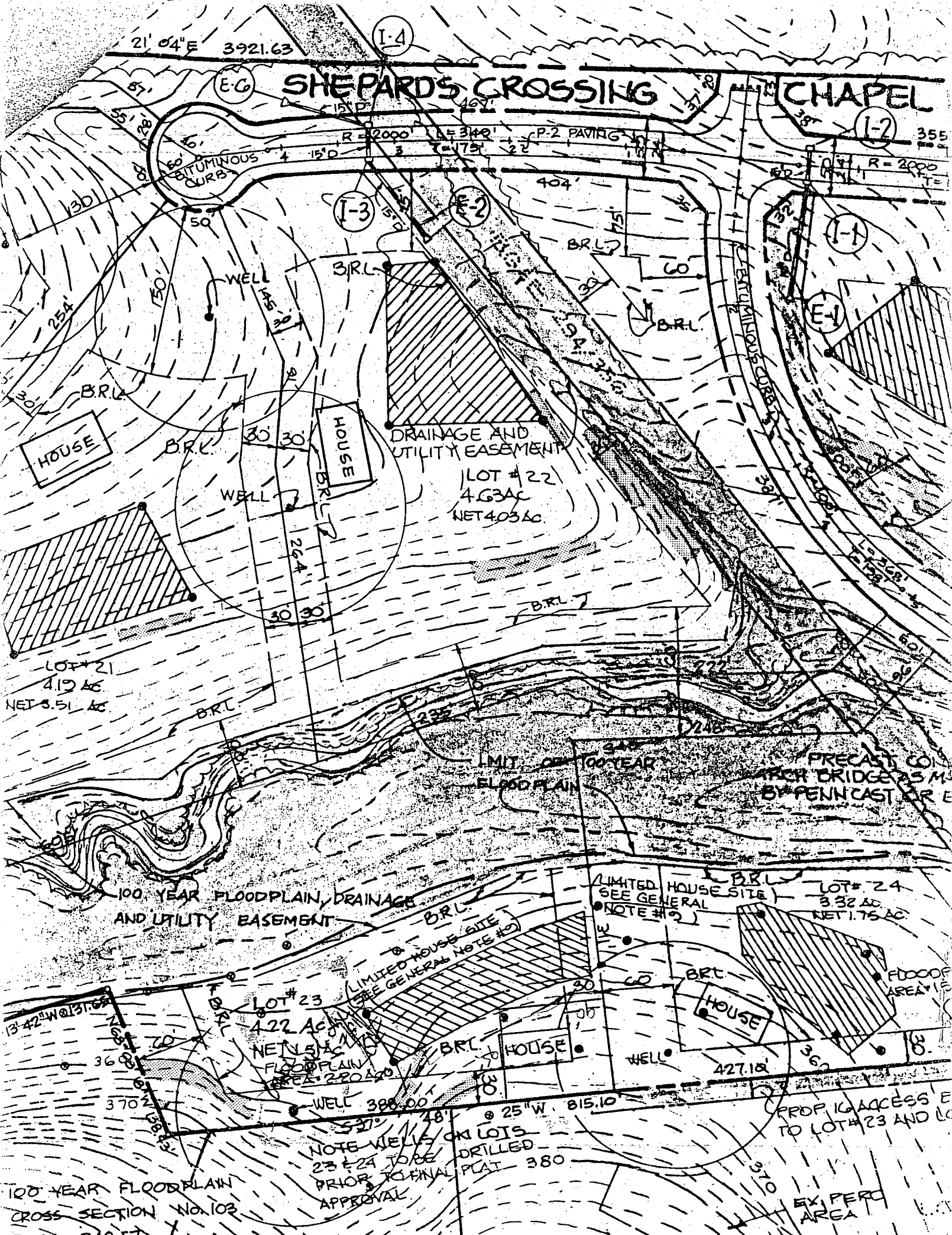
(EG)

SHEPARD'S CROSSING

CHAPEL

(I-2)

355



DRAINAGE AND UTILITY EASEMENT

LOT # 22
4.63 AC
NET 4.03 AC

HOUSE

HOUSE

LIMIT OF 100 YEAR FLOODPLAIN

PRECAST CONCRETE BRIDGES AS MOUNTED BY PENNCAST OR E

100 YEAR FLOODPLAIN, DRAINAGE AND UTILITY EASEMENT

LIMITED HOUSE SITE (SEE GENERAL NOTE #2)

LOT # 24
3.32 AC
NET 1.75 AC

LOT # 23
4.22 AC
NET 3.51 AC

HOUSE

HOUSE

NOTE WELLS ON LOTS 23 & 24 TO BE DRILLED PRIOR TO FINAL PLAT 380 APPROVAL




PROP. IG ACCESS E TO LOT #23 AND 24

100 YEAR FLOODPLAIN CROSS SECTION No. 103

EX. PERC AREA

22	508,517.17	818,717.51
23	508,390.41	818,585.79
24	508,374.24	818,585.31
25	508,232.41	818,734.64
26	508,264.59	818,555.99
27	508,326.60	818,432.66
28	508,406.92	818,361.17

NOTES:

1. The area shown thus  indicates a private sewage easement of minimum 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual disposal. Improvements of any kind in this area are restricted until public sewage is available and servicing any residential structures on this site. This easement shall become null and void upon connection to a public sewage. 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.
2. Percolation test holes shown hereon have been field located as shown  DARK DOT-PASSING TEST.
 FAILED TEST.
3. The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.
4. Percolation areas and water wells for adjoining lots are shown where pertinent.
5. See Office of Planning and Zoning file 5-86-87, 5-87-23.
6. For flag or pipestem lots; refuse collection, snow removal and road maintenance are provided to the junction of flag or pipestem lot driveway.
7. BEFORE EXCAVATING AND GRADING IS PERFORMED FOR THE PROPOSED LINDEN CHAPEL ROAD OR AT ANY OTHER LOCATION IN THE B.G. & E. RIGHT OF WAY, TEST HOLES SHOULD BE HAND DUG OVER THE PIPELINE TO DETERMINE ITS DEPTH AND LOCATION.
8. 100 YEAR FLOODPLAIN CROSS SECTIONS LOCATION AND ELEVATION OBTAINED FROM CLYDES BRANCH DRAINAGE STUDY, (CAPITAL PROJECT D-1028) PREPARED BY KIDDE CONSULTANTS, INC. FOR HOWARD COUNTY, MARYLAND
9. LOTS 5, 11, 23 & 24 - LIMITED HOUSE SITES - PERCOLATION ADJUSTMENT NOT AVAILABLE.
10. WELLS TO BE DRILLED ON LOTS 23 & 24 PRIOR TO FINAL PLAT APPROVAL
11. HOUSE ON LOT 5 WILL HAVE A MINIMUM SERVICABLE ELEVATION OF 388.0 BASED ON TOPOGRAPHY SHOWN ON PLAN.
12. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE

*Sup
of #3*

SITE TABULATION

Present Zoning	R	
Total Number of Lots		25
Total Number of Residential Lots		25
Total Area Lots		165.93 Acres
Total Area Road Right-of-way		5.86 Acres
Total Area Open Space		0 Acres
Total Area in 100-year Floodplain		35.76 Acres
Total Area this Submission		171.79 Acres
Water System	Private	
Sewer System	Private	

25 % AND GREATER SLOPES 

Howard Steigh
Highways
OK to cross w/ a
private septic line
FAX plan to
x7260 & he will give
approval
313 7450

Signed Prelim

COORDINATE TABULATION

POINT	NORTH	EAST
725	508546.815000	818913.352000
909	508819.930000	819187.900000
910	508702.869000	819127.666000
1530	508762.567000	819330.871000
1801	509538.394506	819466.019313
1802	509444.806170	819475.785526
1803	509271.996575	819300.763888
1804	509064.763259	819567.299880
1805	509307.567908	819265.625871
1806	509463.579339	819423.561207
1807	509533.200649	819416.289806

MINIMUM LOT SIZE TABULATION

LOT NO.	GROSS AREA	PIPESTEM AREA	NET LOT AREA	FLOODPLAIN AREA	STEEP SLOPE AREA	NET LOT AREA	10% CREATED STEEP SLOPE AREA	NET LOT AREA
23	4.367 AC.	0.365 AC.	4.005 AC.	2.158 AC.	0.092 AC.	2.117 AC.	0.034 AC.	2.151 AC.

The Requirements 53-106, 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

Terrel A. Fisher 9/2/99
 Terrel A. Fisher, L.S. 10692
 (Registered Land Surveyor)

John B. Dandridge 9/2/99
 John B. Dandridge
 (Owner)

Barbara Dandridge 9/2/99
 Barbara Dandridge
 (Owner)

TOTAL SHEET AREA TABULATION

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED.	1
TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED.	0
TOTAL NUMBER OF LOTS TO BE RECORDED.	1
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED.	4.367 AC.
TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED.	0 SQ.FT.
TOTAL AREA OF LOTS TO BE RECORDED.	4.367 AC.
TOTAL AREA OF ROADWAY TO BE RECORDED.	0 SQ.FT.
TOTAL AREA TO BE RECORDED.	4.367 AC.

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 410 481 - 2995
 61338 Reamb Record Plat - Lot 23.dwg

OWNER AND DEVELOPER
 JOHN B. DANDRIDGE AND BARBARA DANDRIDGE
 8506 WILDWING WAY
 COLUMBIA, MARYLAND 21045

APPROVED: For Private Water And Private Sewerage Systems, Howard County Health Department.

Donald A. Hunter 9/16/99
 Howard County Health Officer Date

APPROVED: Howard County Department Of Planning And Zoning.

John B. Dandridge 10/8/99
 Chief, Development Engineering Division MK Date

Barbara Dandridge 10/18/99
 Director Date

OWNER'S CERTIFICATE
 John B. Dandridge And Barbara Dandridge, Owners Of The Property Shown And Described Hereon, Hereby Adopt This Plan Of Subdivisions, And In Consideration Of The Approval Of This Plat By The Department Of Planning And Zoning Establish The Minimum Building Restriction Lines. All Easements Of Rights-Of-Way Affecting The Property Are Included In The Plan Of Subdivision, Witness My Hand This 2nd Day Of SEPTEMBER, 1999.

John B. Dandridge
 John B. Dandridge

Barbara Dandridge
 Barbara Dandridge

SURVEYOR'S CERTIFICATE
 I Herby Certify That The Final Plat Shown Hereon Is Correct; That It Is A Subdivision Of All Of The Lands Conveyed By J.J.M. Partnership To John B. Dandridge And Barbara Dandridge By Deed Dated December 20, 1991 And Recorded In The Land Records Of Howard County, Maryland In Liber No. 2455 At Folio 116, Also Known As Lot 23, Chapel Woods II, As Shown On A Plat Recorded With The Aforesaid Land Records As Plat No. 9325, And That All Monuments Are In Place Or Will Be In Place Prior To Acceptance Of The Streets In The Subdivision By Howard County, Maryland As Shown, In Accordance With The Annotated Code Of Maryland, As Amended, And Monumentation Is In Accordance With The Howard County Subdivision Regulations.

Terrel A. Fisher 9/2/99
 Terrel A. Fisher, Professional Land Surveyor No. 10692 Date

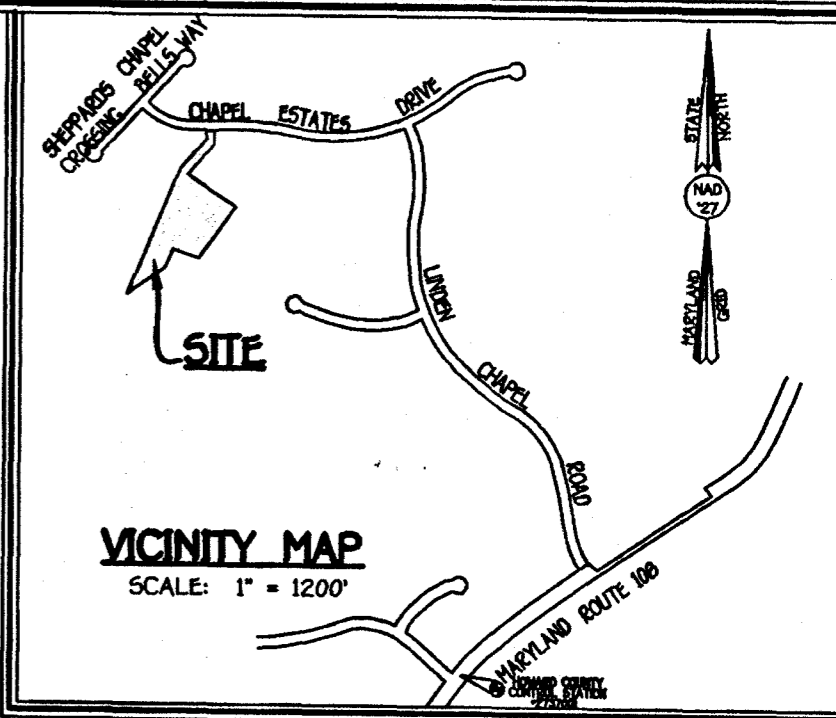
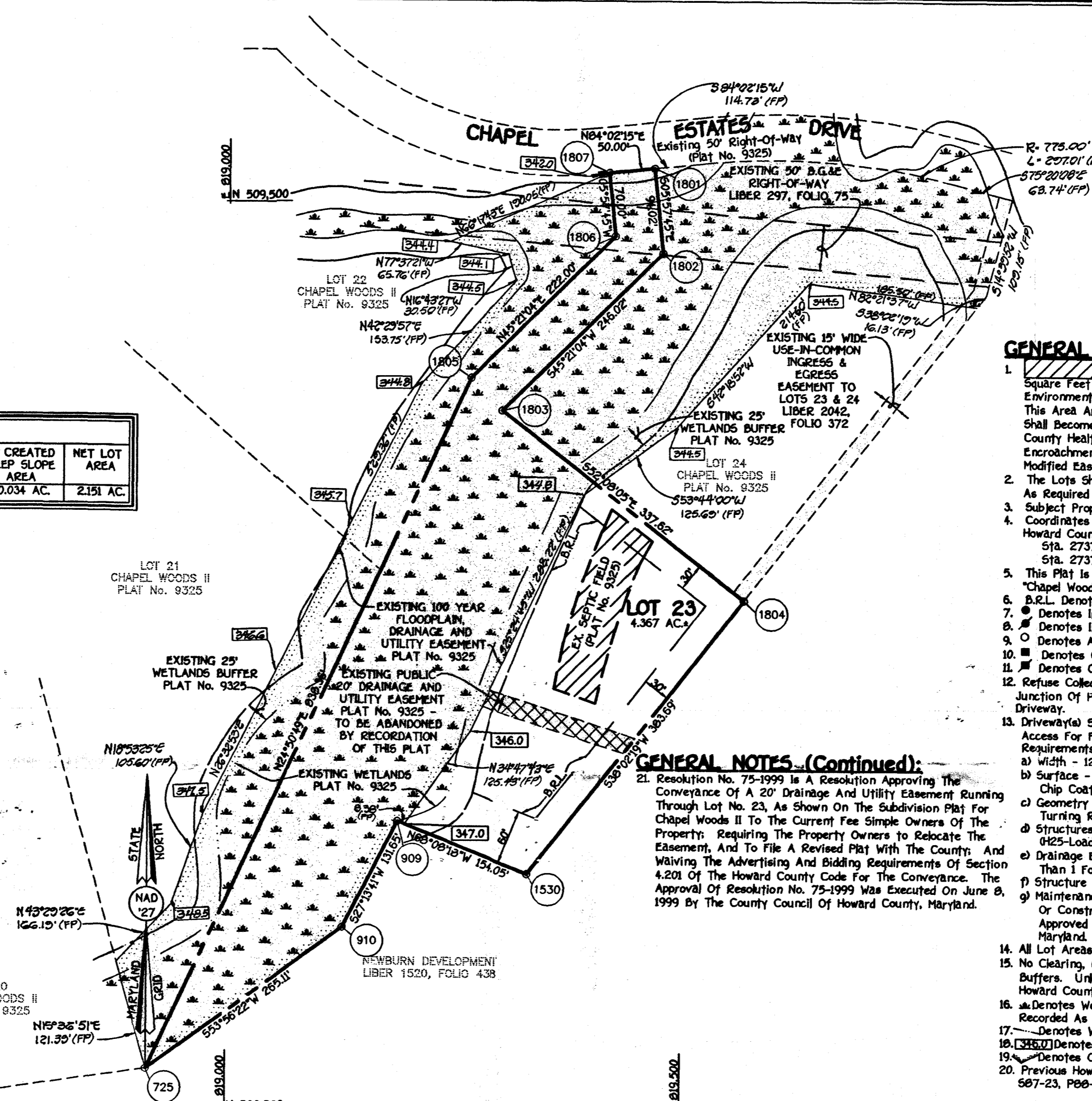
PURPOSE NOTE:
 THE PURPOSE OF THIS PLAT IS TO PERMANENTLY REMOVE THE EXISTING TWENTY FOOT (20') DRAINAGE AND UTILITY EASEMENT FROM LOT 23, CHAPEL WOODS II, (AS SHOWN ON PLAT No. 9325)

RECORDED AS PLAT No. 18996 ON 10/18/99
 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

REVISION PLAT
CHAPEL WOODS II
LOT 23
 (A REVISION OF "CHAPEL WOODS II,"
 LOT 23, PLAT No. 9325)
 ZONED: RC-DEO

TAX MAP No. 29 GRID No. 13 PART OF PARCEL No. 36
 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

0' 100' 150' 200'
 Scale: 1" = 100'
 DATE: SEPTEMBER 2, 1999



- GENERAL NOTES:**
- This Area Designates A Private Sewerage 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 Sewerage Is Available. These Easements Shall Become Null And Void Upon Connection To A Public Sewerage System. The County Health Officer Shall Have The Authority To Grant Variances For Encroachments Into The Private Sewerage Easement. Recordation Of A Modified Easement Shall Not Be Necessary.
 - The Lots Shown Hereon Comply With The Minimum Ownership Width And Lot Area As Required By The Maryland State Department Of The Environment.
 - Subject Property Zoned RC-DEO Per 10/18/93 Comprehensive Zoning Plan.
 - Coordinates Based On Nad '27, Maryland Coordinate System As Projected By Howard County Geodetic Control Stations No. 2737001 And No. 2737002. Sta. 2737001 N 506189.520 E 820993.367 Sta. 2737002 N 504681.048 E 819776.334 (Not Within Limits Of Vicinity Map)
 - This Plat Is Based On Boundary Outline For Lot 23 Shown On Plat Entitled "Chapel Woods II, Lots 1 - 25, Revision Plat" Recorded As Plat No. 9323.
 - B.R.L. Denotes Building Restriction Line.
 - Denotes Iron Pin Set Capped "F.C.C. 106".
 - Denotes Iron Pipe Or Iron Bar Found.
 - Denotes Angular Change In Bearing Of Boundary Or Rights-Of-Way.
 - Denotes Concrete Monument Set With Aluminum Plate "F.C.C. 106".
 - Denotes Concrete Monument Or Stone Found.
 - Refuse Collection, Snow Removal And Road Maintenance To Be Provided At The Junction Of Pipe/Flag Stem And The Road R/W And Not Onto The Flag/Pipe Stem Driveway.
 - Driveway(s) Shall Be Provided Prior To Residential Occupancy To Ensure Safe Access For Fire And Emergency Vehicles Per The Following (Minimum) Requirements:
 - Width - 12 Feet (14 Feet Serving More Than One Residence);
 - Surface - Six (6") Inches Of Compacted Crusher Run Base With Tar And Chip Coating. (1 - 1/2" Minimum);
 - Geometry - Maximum 15% Grade, Maximum 10% Grade Change And 45-Foot Turning Radius;
 - Structures (Culverts/Bridges) - Capable Of Supporting 25 Gross Tons (425-Loading);
 - Drainage Elements - Capable Of Safely Passing 100 Year Flood With No More Than 1 Foot Depth Over Surface;
 - Structure Clearances - Minimum 12 Feet;
 - Maintenance - Sufficient To Insure All Weather Use. No Clearing, Grading Or Construction Is Permitted Within Wetland Or Stream Buffers. Unless, Approved By The Department Of Planning And Zoning Of Howard County, Maryland.
 - All Lot Areas Are More Or Less (±).
 - No Clearing, Grading Or Construction Is Permitted Within Wetland Or Stream Buffers. Unless, Approved By The Department Of Planning And Zoning Or Howard County, Maryland.
 - Denotes Wetlands Area. Wetlands Area Delineated On Plat Of Chapel Woods II, Recorded As Plat No. 9323.
 - Denotes Wetlands Area Outline.
 - Denotes Approximate Elevation Of 100 Year Flood Level.
 - Denotes Outline Of 100 Year Floodplain.
 - Previous Howard County Department Of Planning And Zoning File Nos. 589-87, 587-23, P88-07, F90-157, WP88-57, WP88-121, WP89-150 And F88-231.

GENERAL NOTES (Continued):

21. Resolution No. 75-1999 Is A Resolution Approving The Conveyance Of A 20' Drainage And Utility Easement Running Through Lot No. 23, As Shown On The Subdivision Plat For Chapel Woods II To The Current Fee Simple Owners Of The Property; Requiring The Property Owners To Relocate The Easement, And To File A Revised Plat With The County; And Waiving The Advertising And Bidding Requirements Of Section 4.201 Of The Howard County Code For The Conveyance. The Approval Of Resolution No. 75-1999 Was Executed On June 8, 1999 By The County Council Of Howard County, Maryland.

JOSEPH L. MAYNE

WELL DRILLING

5512 RIDGE RD. FT. AIRY, MD 21771

10/22/90

Dear Sir:

Would you please extend permits
for J. J. M. Inc. Chapel Woods II Lot 16 Ho-88-1298
J. J. M. Inc. Chapel Woods II Lot 23 Ho-88-1299?

ALL OK

MR 10/26/90

Thank you!

Joseph L. Mayne

J.J.M., Inc.

Residential and Commercial Developer

5570-205 STERRETT PL.
COLUMBIA, MD. 21044
Phone: (301) 740-4466

March 29, 1990

Mr. Craig Williams
Howard County Environmental
Health Department
3525 Ellicott Mills
Ellicott City, Maryland 21043

Re: Chapel Woods II
Lots #11, 16, 23 & 25

Dear Mr. Williams:

As a follow up to our telephone conversation, this is to advise you that we are requesting permits to redrill the subject Lots # 11, 16, 23 & 25 in Chapel Woods II because the contracts call for at least two gallons per minute and these lots are below that minimum.

Should you require anything further, please contact me at (301) 740-4466.

Sincerely,



John Mikolasko
Managing Partner
J.J.M. Partnership

B 1 **3727** 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
40-88-1299
 70 fill in this form completely 79

Date Received (APA) _____
 OWNER INFORMATION
 J. S. M INC
 5570 STERRETT PLACE
 COLUMBIA MD 21044

B 3 LOCATION OF WELL
 HOWARD COUNTY
 CHAPEL WOODS II SUBDIVISION
 SECTION 23 LOT 231
 CHARLESVILLE NEAREST TOWN
 3 MILES FROM TOWN

DRILLER INFORMATION
 Daniel R. Mayne
 Joseph L. Mayne WELL DRILLING
 5512 Ridge Rd. Mt. Airy, MD 21771
 2/28/90

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 Chapel Woods Dr. NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD 650 FT
 ENTER FT or MI FT

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
 COUNTY NAME HOWARD COUNTY NO. A37520
 STATE SIGNATURE _____ INSERT S _____
 DATE ISSUED 042390
 CO SIGNATURE _____ EXP. DATE 4/23/96
 NORTH GRID 519000 EAST GRID 0819000
 50 55 57 63

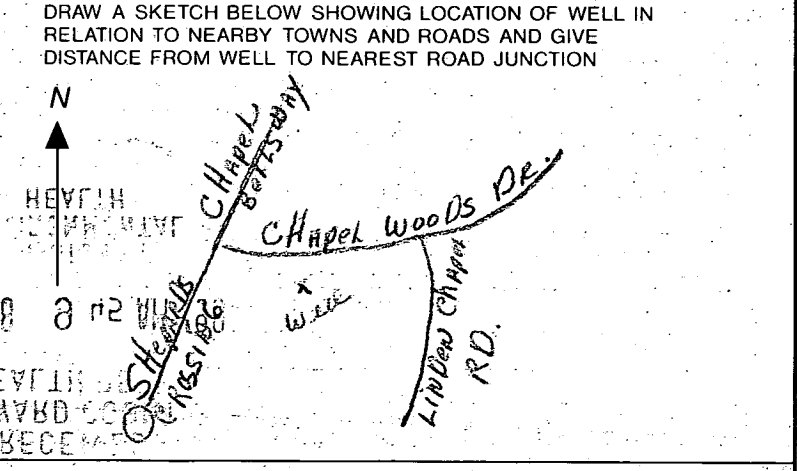
APPROXIMATE DEPTH OF WELL 300 FEET

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
 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 820 19
 N 518 8

REPLACEMENT OR DEEPENED 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 DEEPENED (IF AVAILABLE) _____



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 FORCE CW PERMIT No. 40-88-1299

SPECIAL CONDITIONS