

11/8/96
2:00

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57382D

A 56640B

DISTRICT 2nd

DATE _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XXXXXX XXXX 313-2640

INDEXED
02-223759

DATE SYSTEM APPROVED 12/4/96

INSPECTOR ALM

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 558-R Obrecht Road Sykesville, MD 21784 PHONE 795-5670

SUBDIVISION Patapsco View LOT 42,44,46 ROAD 3935 Woodrow Street

PROPERTY OWNER Lee Roy Stirn

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS INTERIM SYSTEM UNTIL PUBLIC SEWER BECOMES AVAILABLE

NUMBER OF BEDROOMS 3

120 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED N/A

DRYWELL - Inlet 4 feet below original grade. Bottom maximum depth 10 feet below original grade. Effective area begins at 4 feet below original grade.

LOCATION - Drywell excavation to be 15' x 15' square. Drywell construction to be of loose laid cinderblocks or precast drywell rings at applications discretion. Drywell cleanout to be 20 feet from front lot line and between 50 feet and 60 feet from left (upper) lot boundary.

Permit is for INTERIM SYSTEM ONLY. House is to be connected to public sewer within one year of its availability to property. Septic system to be abandoned and filled in accordance to relevant standards.

PLANS APPROVED BY C. Williams/Amy McMillen DATE 08/29/96

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

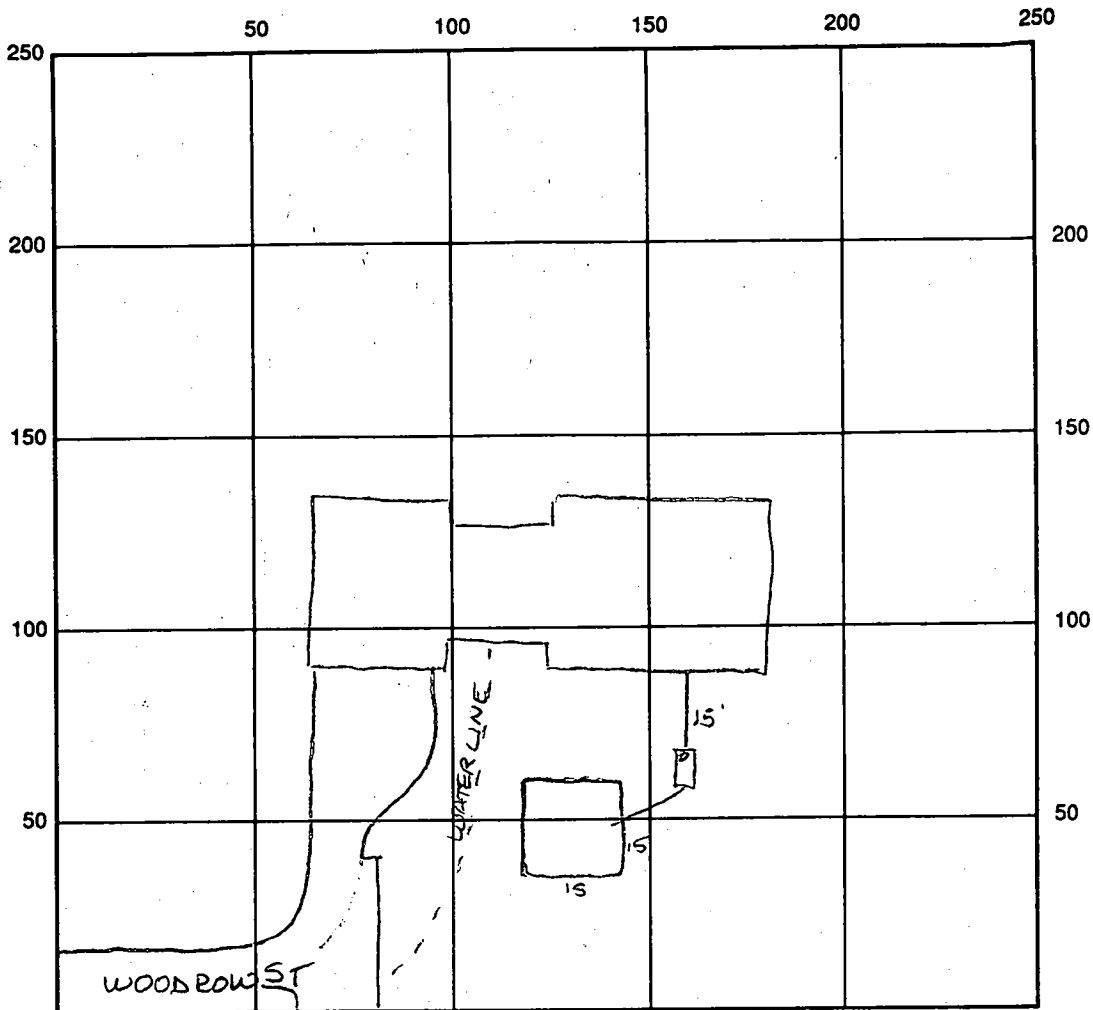
SEWER PERMIT SIGNED
AND RETURNED 12/19/96
Sever # B01103565-deck

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A56640-B



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1000 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL N/A

DRAIN FIELD/TITLE DEPTH 10.0 FT. TRENCH WIDTH N/A FT. INLET DEPTH 4.0 FT. per contractor

EFFECTIVE GRAVEL DEPTH 6.0 FT. TOTAL LENGTH — FT.

NUMBER OF TRENCHES — ONE SIDEWALL/BOTTOM AREA — SQ. FT.

DRYWALL INSIDE DIAMETER 60 FT. EFFECTIVE DEPTH BELOW INLET 6 FT.

ABSORBENT AREA 360 SQ. FT.

REMARKS: 11/8/96 At time of inspection, rings had not yet been delivered - Due to heavy rains I okayed covering system and instructed installer to send an as installed drawing 12/1/96 As installed drawing received ALM

NOTE: House is connected to public water ALM

DATE SYSTEM APPROVED 12/4/96 INSPECTOR A G Mullen

last name Mueller first name Thomas TOWN Ellington
 address 3932 Hunter Street SECTION Patapsco View LOT 27 29 31

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

FORMATION (Use sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Soil			
Clay			
STONE			
te			
STONE			
te			
STONE			
te			
STONE			
te			

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N
 TYPE OF GROUTING MATERIAL
 CEMENT CM BENTONITE CLAY BC
 NO. OF BAGS 20 NO. OF POUNDS 2000
 GALLONS OF WATER 120
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 407 ft.
(enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
 ST CO
STEEL CONCRETE
 PL OT
PLASTIC OTHER
 MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 63
60 61 63 64 66 70

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

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

SCREEN DEPTH (nearest ft.)

EACH SCREEN	DEPTH (nearest ft.)	
	1	2
1	<u>40</u>	<u>220</u>
2		
3		

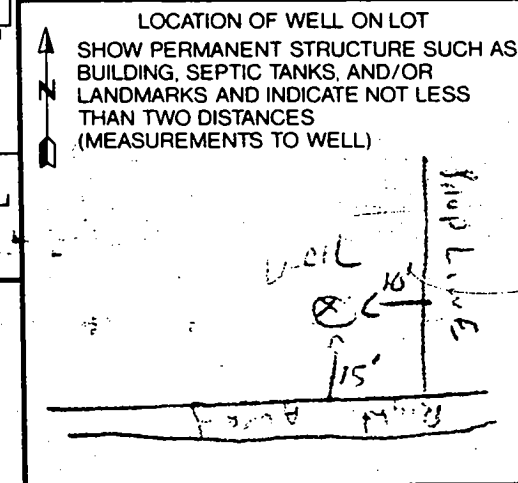
SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)
56 60

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

TELESCOPE CASING LOG INDICATOR
 T (E.R.O.S.) W O
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.)
 METHOD USED TO MEASURE PUMPING RATE Beck
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 44
 WHEN PUMPING 52
 TYPE OF PUMP USED (for test)
 A air P piston T turbine
 C centrifugal R rotary O other (describe below)
 J jet S submersible

PUMP INSTALLED
 DRILLER WILL INSTALL PUMP YES NO
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: 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)
 + above } LAND SURFACE.
 - below } 2 (nearest foot)
43 47 49 50 51



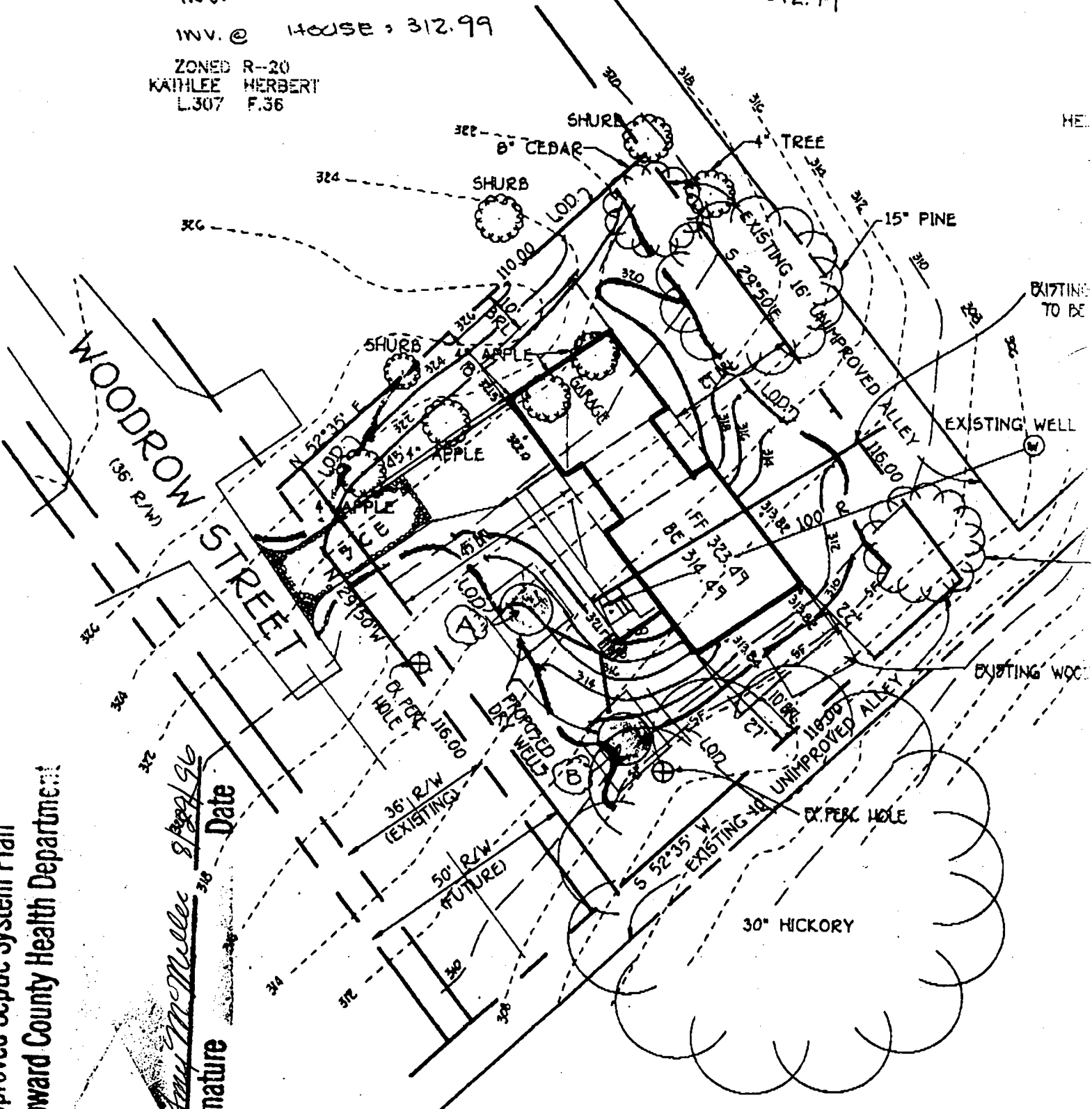
CIRCLE APPROPRIATE LETTER
 WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
 ELECTRIC LOG OBTAINED
 WELL CONVERTED TO PRODUCTION
 CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" PERFORMANCE WITH ALL CONDITIONS STATED IN THE PERMIT, AND THAT THE INFORMATION PRESENTED IS ACCURATE AND COMPLETE TO THE BEST OF YOUR KNOWLEDGE.
 IDENT NO. 116
 SIGNATURE Thomas Mueller
 SUPERVISOR (sign. of driller or journeyman)
able for sitework if different from permittee)

(A) EXISTING GRD OVER DRYWELL: 316.00
INV. IN @ DRYWELL 312.00

(B) EXISTING GRD OVER DRYWELL: 312.00
INV. IN @ DRYWELL = 308.00

INV. OUT 1000 GALLON SEPTIC TANK: 312.49
INV. IN 1000 GALLON SEPTIC TANK: 312.79
INV. @ HOUSE: 312.99

ZONED R-20
KATHLEE HERBERT
L.307 F.36



Approved Septic System Plan
Howard County Health Department

Ann McMiller 8/29/96
Signature Date



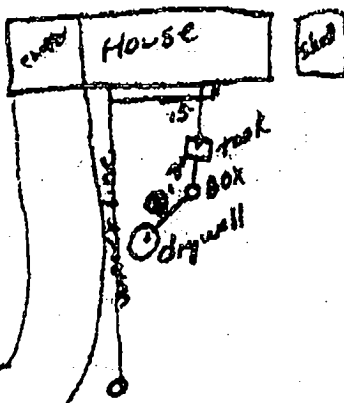
SCALE

Fogle's Refuse & Septic Service, Inc.

PERMIT # _____

OPERATOR _____

Date*	Job Name	Description	Hours	Equipment
		Ricky Coleman:		
12/3/96		I need an "as built" for 3935 Woodrow St - so I can pay to Army at Heath Hqpt 313-2648		



15
7
9

DATE: _____
JOB NO: _____
SERIAL # _____

APPLICATION

5/1/96 10:00

PERCOLATION TESTING

A 576440 B

P _____

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

PERCOLATION OK - INTERIM SYSTEM OK
PUBLIC FACILITIES PENDING
BE ALERT TO WELL LOCATION
ON ADJACENT PROPERTY
(3935 HUNTER ST) (CW)

DISTRICT _____

DATE 2/9/96

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 Lee Stirn

ADDRESS 288 Carnies Ln. PHONE 795-1585

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION: 3 COMBINED LOTS

SUBDIVISION Patapsco View LOT NO 42, 44, 46
3935

ROAD AND DESCRIPTION Woodrow St.

BLDG. PERMIT SIGNED
AND RETURNED 8/29/96

Serial # B00101769
3 Beds

TAX MAP _____ PARCEL # _____

SIZE OF LOT 116 x 110 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.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

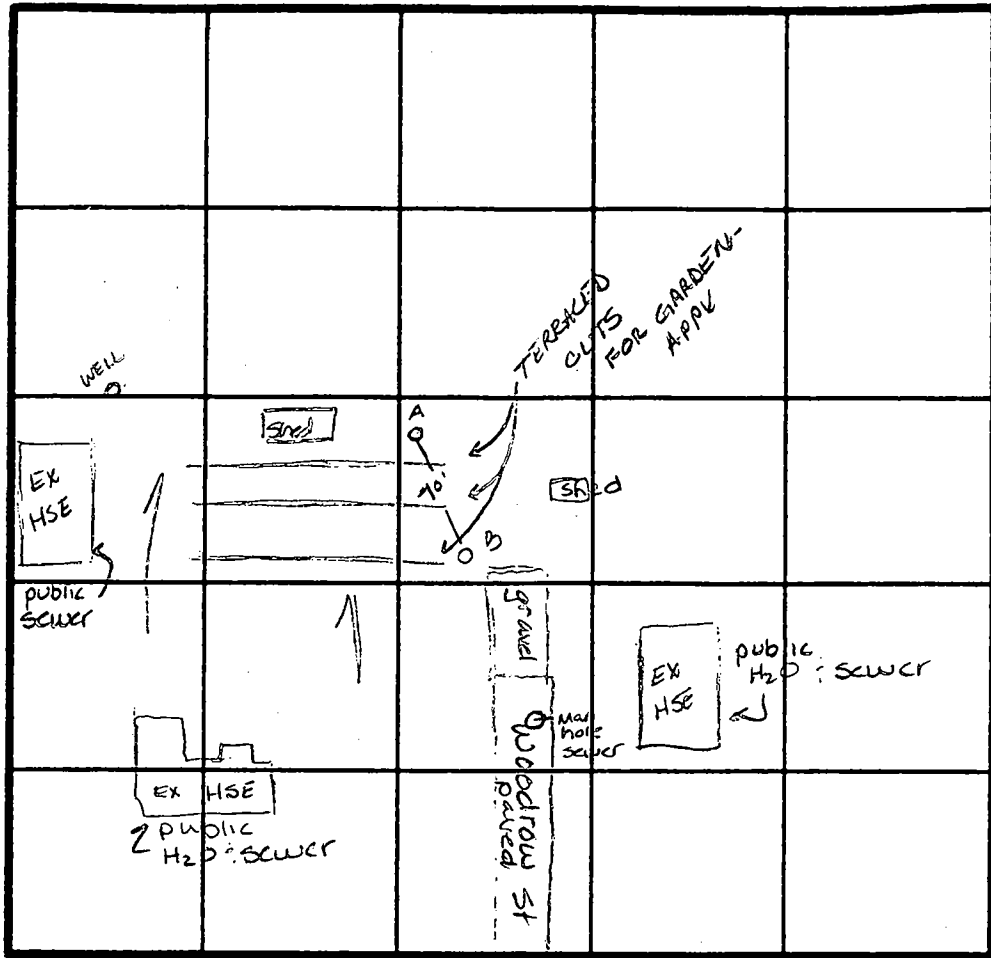
REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

SOIL PROFILE

0'	orange Sicilm
5.0'	lgt yellow brn Sicilm
10'	grey powdery Sicilm 20% grey Schist frag
12.0'	



SYSTEM DESIGN

210 ft²
per bdrm
inlet at 4.5
bottom at 6.5

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

looks like A but 100% pockets of blue grey schist

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-3-96	A	3.0 V12.0	11:22	> 30	min	—	slow
	A	7.0 V12.0	11:35	11:36	11:36	11:44	8min
	A	4.0 V12.0	11:45	> 30	min	—	slow
	B	4.0 V12.5	11:48	> 30	min	—	slow
	A	5.5 V12.5	11:55	11:59	11:59	12:05	6min
	B	5.0 V12.5	12:05	12:11	12:11	12:18	7min

REMARKS Test hole A is at edge of possibly steep slopes

TYPE OF SOIL _____

TESTED BY Amy McMillan ALSO PRESENT _____



Department of Public Works
BUREAU OF ENGINEERING

Ronald G. Lepson, Chief

June 6, 1995

Mr. Lee R. Stirn
288 Carnie's Lane
Sykesville, Maryland 21784

Subject: Request for Water and Sewer Service
Lots 42, 44 and 46, Tax Map 25
Woodrow Street

Dear Mr. Stirn,

We are in receipt of your letter of May 2, 1995 requesting the extension of the public water and sewer system to serve your property on Woodrow Street. Unfortunately the capital budget process has been completed for the upcoming 1996 fiscal year, therefore your request will be held for consideration in the next year's capital budget process.

Requests for extensions of the public water and sewer system are prioritized based on health or system needs, and are divided into three categories. For water and sewer extension requests received at this time, properties experiencing failing well or septic systems will be given priority and funded in fiscal year 1997. Utility extensions to existing residences that are not having well or septic problems will be funded in fiscal year 1998. Extensions of the water and sewer system to undeveloped lots will be funded in fiscal year 1999. As your property is undeveloped, your request for water and sewer service will be placed in the 1999 fiscal year budget.

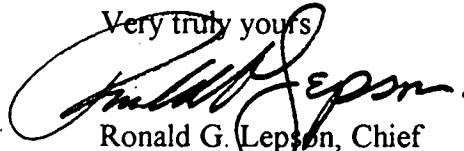
Capital projects to extend water and sewer service must be approved by the Public Works Board, the Planning Board and the County Council. At each Board and Council hearing, the public is given an opportunity to speak on the new projects. If the project is approved by the Boards and the Council, the project will be funded in July 1998. Baring any unforeseen difficulties, construction of the water and sewer extensions should be completed within 12 months after the funds are made available.

Letter to Mr. Stirn
June 6, 1995
page 2

If the timing of a capital project does not meet your needs, you may extend the utilities yourself under an Advance Deposit Order or developer agreement. Please contact Mr. Charles Dammers, Chief Land Development Division at (410) 313-2420 if you wish information on the Advance Deposit Order or developer agreement option.

Should you have any questions concerning the information provided, please do not hesitate to contact me at your convenience or Mr. Don Lieu, Chief Water and Sewer Design Division at (410) 313-2070.

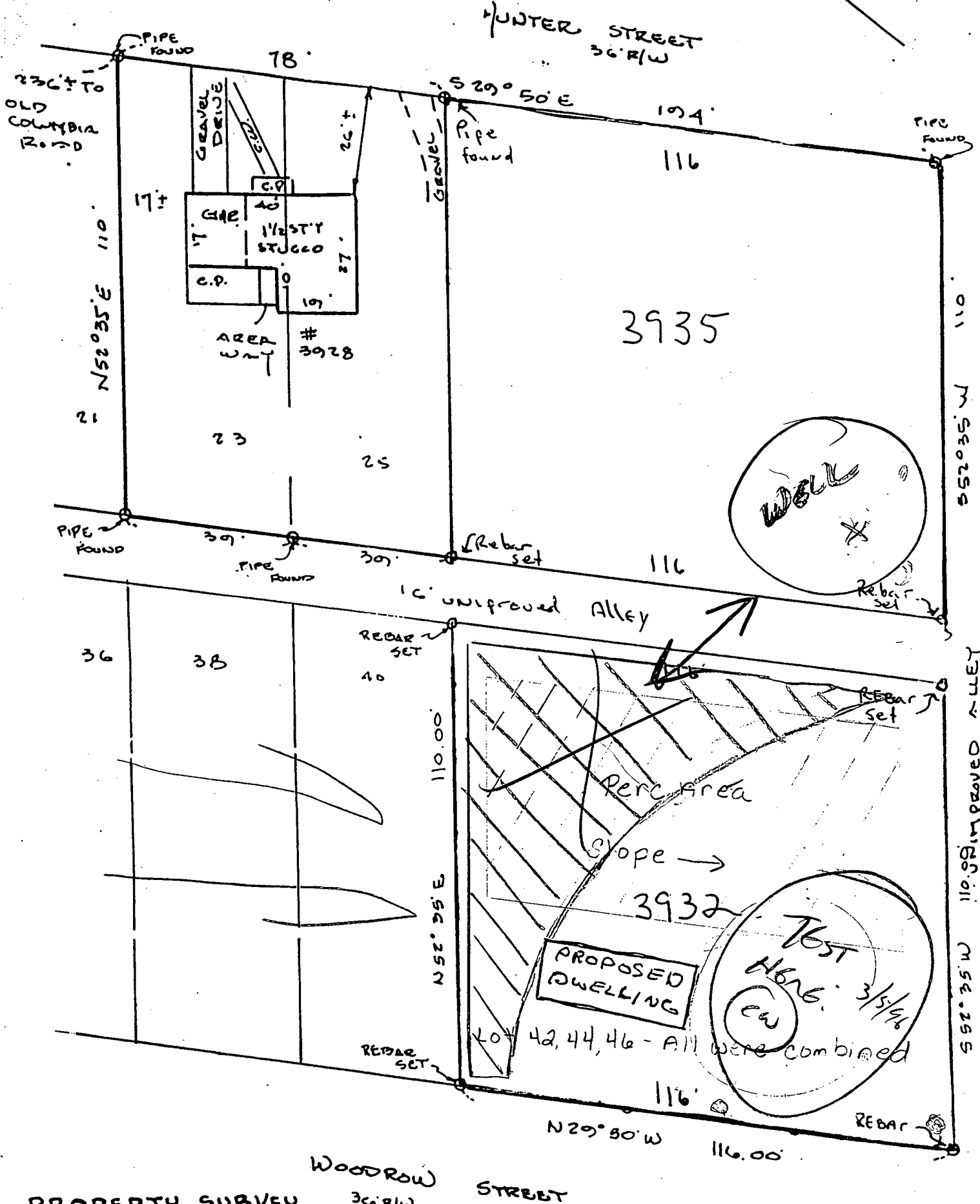
Very truly yours



Ronald G. Lepson, Chief
Bureau of Engineering

cc: Charles Dammers
Don lieu
Jean Reed

LOTS 23, 25, 27, 29, 31, 40, 41, 43
 PATAPSCO VIEW
 P.B. 070 - F. 454
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MD.



PROPERTY SURVEY

WOODROW STREET

STREET



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

February 28, 1996

Mr. Lee R. Stirn
288 Carnie's Lane
Sykesville, Maryland 21784

RE: PERCOLATION TESTING
Application #A56440-B
Combined Lots 42,44,46
Patapsco View Subdivision
Woodrow Street

Dear Mr. Stirn:

A percolation test date has not been scheduled for the above referenced property.

The test plan does not indicate whether there are adjacent existing wells which would interfere with septic approval and it does not clearly indicate whether private well or public water is proposed for this property.

Clarifying information should be submitted before the end of March to ensure that a test date can be scheduled during the current wet season.

Please call this office between 8:30 a.m. and 4:30 p.m., Monday through Friday, to confirm your plans.

Thank you for your cooperation in this matter.

*IN FORMAL PLAN ACCEPTED
TEST DATE IS
APRIL 1*

Very truly yours,

Craig Williams
Craig Williams, Program Director
Water and Sewerage Program

CW:vr

cc: Jack Fyock Septic Service
File



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

March 6, 1996

Mr. Lee R. Stirn
288 Carnie's Lane
Sykesville, Maryland 21784

RE: PERCOLATION TESTING
Receipt #A56440-B
Combined Lots 42, 44, 46
Patapsco View Subdivision
Woodrow Street

Dear Mr. Stirn:

A percolation test date has been reserved for ~~10~~¹¹ a.m. ~~Monday~~^{WED}, April ~~1~~³, 1996.

You will be responsible for having a contractor on-site to excavate test holes at the corners of proposed percolation area.

Because public water and sewer is planned for this location, testing is for an interim system only. Care must be taken to preserve adequate separation distance from the existing well off the left rear corner of the property.

Please call this office between 8:30 a.m. and 4:30 p.m., Monday through Friday, to confirm your acceptance of this percolation test date.

Thank you for your cooperation in this matter.

Very truly yours,

Craig Williams, Program Director
Water and Sewerage Program

CW:vr

cc: Jack Fyock Septic Service
File



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

April 30, 1996

Mr. Lee R. Stirn
288 Carnie's Lane
Sykesville, Maryland 21784

RE: Percolation Testing
Receipt Number: A56440-B
Combined Lots 42, 44, 46
Patapsco View Subdivision
Woodrow Street

Dear Mr. Stirn:

This is to confirm that the above referenced property passed the percolation test evaluation and was approved as a single buildable lot to be served by public water and an interim private septic system as depicted on the enclosed site plan by Lee Stirn - Health Department Signature Date April 17, 1996.

For your records, a copy of the percolation test results and specifications for the proposed septic system are installed.

If you have any questions regarding this matter, please contact me at the below address or by calling 314-2640.

Very truly yours,

Craig Williams, Program Director
Water and Sewerage Program

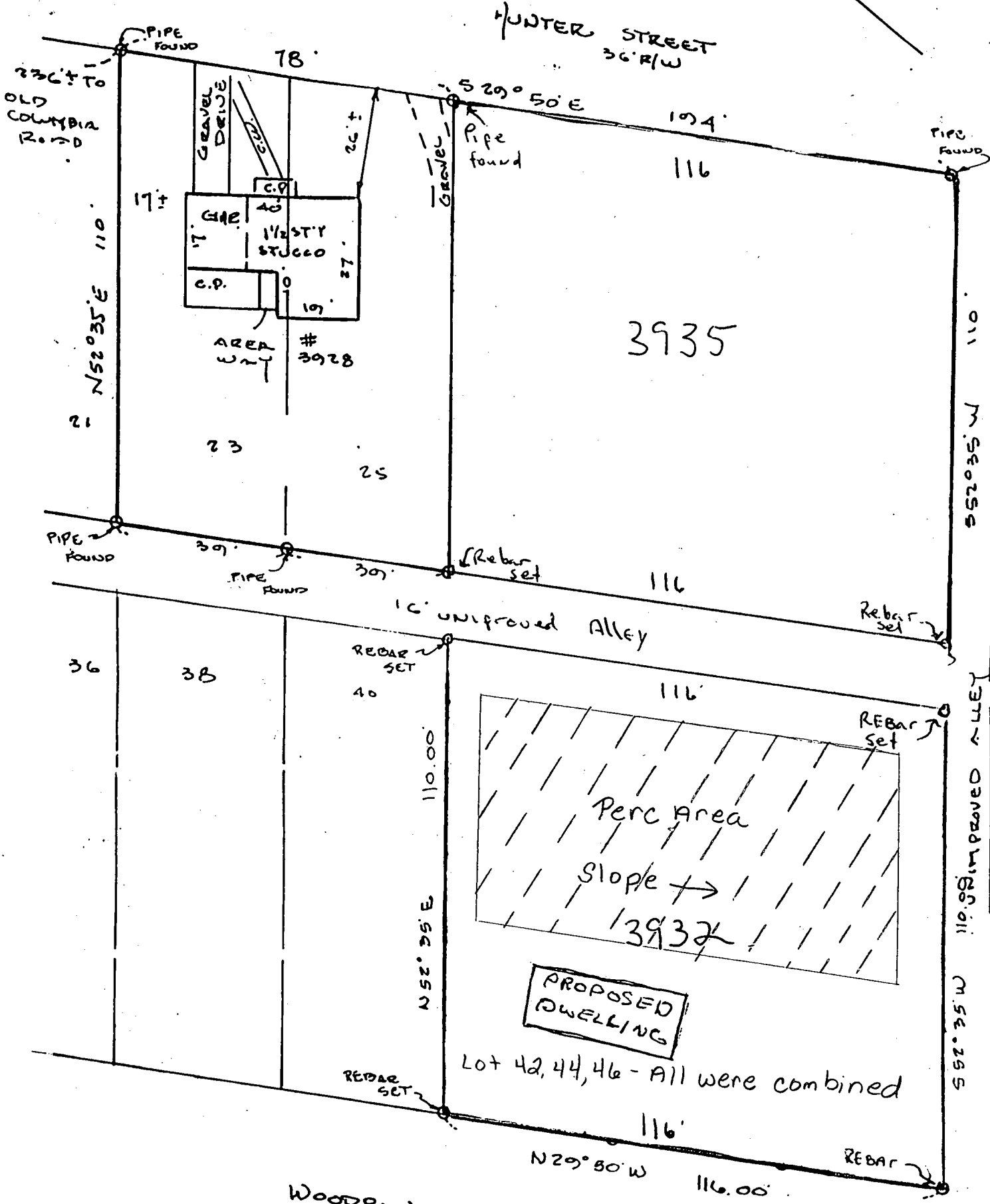
CW:jr

Enclosures

cc: Tax Assessment
Jack Fyock Septic Service
File ✓

wp51\lane\stirn

LOTS 23, 25, 27, 29, 31, 42, 44, 46
PATAPSCO VIEW
P.B. 0707 - F. 454
2ND ELECTION DISTRICT
HOWARD COUNTY, MD.



LEE STIRN 288 CARNIE'S LANE SYKESVILLE, MD. 21784

EXISTING WELL

3935
~~3932~~

PATAPSCO VIEW SUBDIVISION
COMBINED LOTS 42-44-46
3935 WOODROW STREET
ELLICOTT CITY

ALL MEASUREMENTS ARE ACCURATE TO
THE BEST OF MY ABILITY.

PUBLIC WATER/PRIVATE SEWER

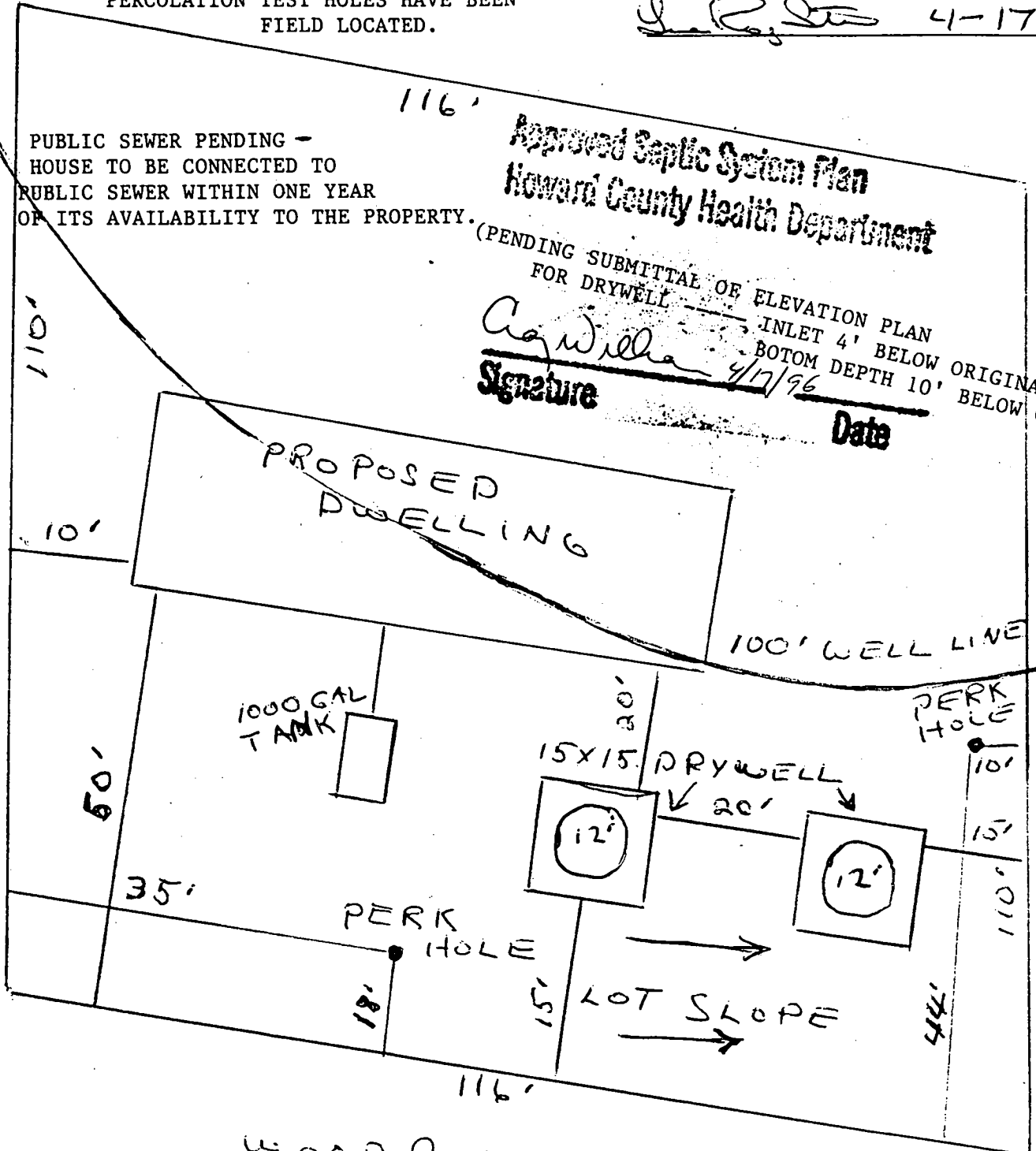
PERCOLATION TEST HOLES HAVE BEEN
FIELD LOCATED.

[Signature] 4-17-96

PUBLIC SEWER PENDING -
HOUSE TO BE CONNECTED TO
PUBLIC SEWER WITHIN ONE YEAR
OF ITS AVAILABILITY TO THE PROPERTY.

Approved Septic System Plan
Howard County Health Department

(PENDING SUBMITTAL OF ELEVATION PLAN
FOR DRYWELL INLET 4' BELOW ORIGINAL GRADE
BOTOM DEPTH 10' BELOW GRADE
[Signature] 4/17/96
Date



WOODROE ST.

95 APR 17 AM 10:20

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

[Signature] 8-8-96
 SIGNATURE OF ENGINEER DATE

DEVELOPER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF NATURAL RESOURCES 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.

[Signature] 8-8-96
 SIGNATURE OF DEVELOPER DATE

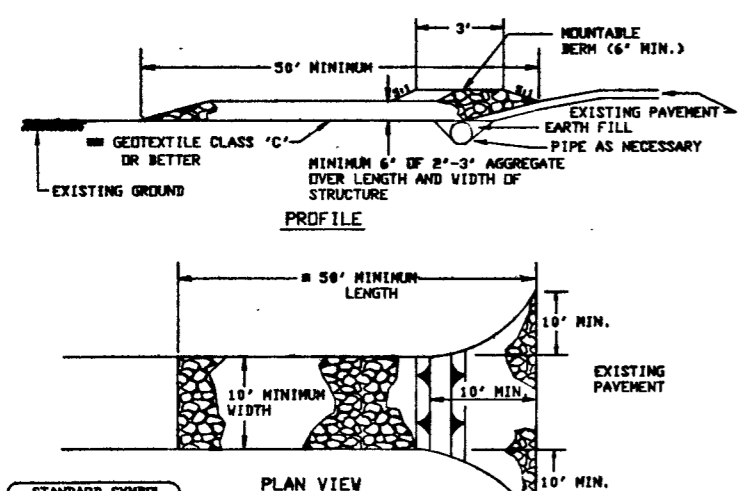
REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
[Signature] 8/8/96
 DISTRICT SOIL CONSERVATION DISTRICT DATE

APPROVED:
[Signature] 8/8/96
 DISTRICT HOWARD SOIL CONSERVATION DIST. DATE

SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (313-1055).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.
- 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 STEEPER 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 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 51), 500 (SEC. 54), TEMPORARY SEEDING (SEC. 50), AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT 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	0.27	ACRES
AREA TO BE ROOFED OR PAVED	0.17	ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.10	ACRES
TOTAL CUT	—	CUYDS.
TOTAL FILL	—	CUYDS.
- 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 SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.



- STABILIZED CONSTRUCTION ENTRANCE - 2**
 NOT TO SCALE
- Length - minimum of 36" (3'0") for single residence lot.
 - Width - 10" minimum, should be placed at the existing road to provide a turning radius.
 - Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval authority may not require single family residences to use geotextile.
 - Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
 - Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 3:1 slopes and a minimum of 6" of stone over the pipe. Pipe shall be sized according to the drainage. When the SDE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
 - Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461-2855

- SEQUENCE OF CONSTRUCTION**
- OBTAIN GRADING PERMIT.
 - INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
 - PERFORM NECESSARY GRADING AND STABILIZE THE SITE.
 - AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

TEMPORARY SEEDING NOTES
 APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION
 LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
 IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS
 APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (4 LBS./1000 SQ. FT.)

SEEDING
 FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL RYE (3.2 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF WEEPING LOVEGRASS (07 LBS./1000SQ.FT.) FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28. PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING
 APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (3 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1988 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES
 ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

SEEDING PREPARATION
 LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

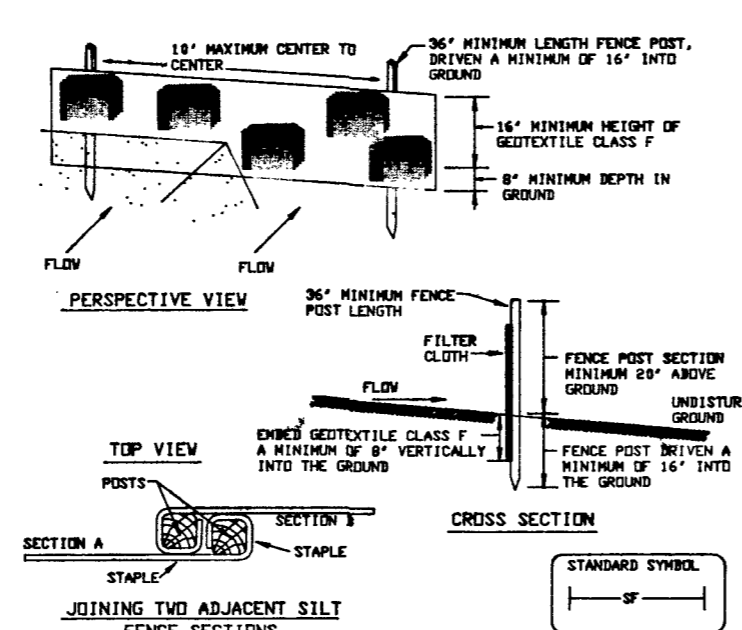
SOIL AMENDMENTS
 APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ.FT.) AND 500 LBS. PER ACRE 0-20-20 FERTILIZER (4 LBS./1000 SQ.FT.) BEFORE SEEDING HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 38-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.) AND 500 LBS. PER ACRE (15 LBS./1000 SQ.FT.) OF 10-20-20 FERTILIZER.

SEEDING
 FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE, FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (0.4 LBS./1000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OPTION (2) - USE SOD, OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEDED.

MULCHING
 APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER USE 348 GALLONS PER ACRE (8 GAL./1000 SQ.FT.) FOR ANCHORING.

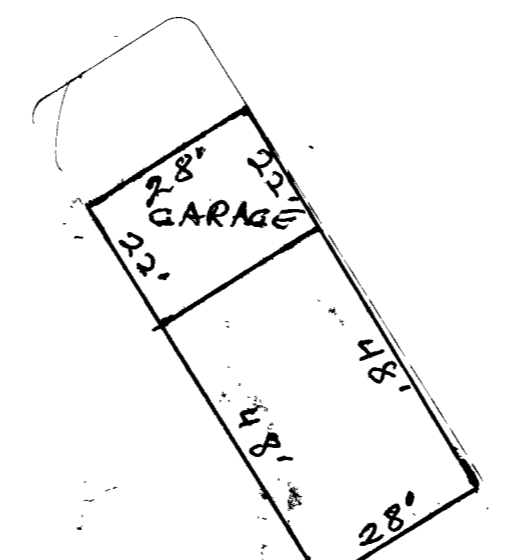
MAINTENANCE
 INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

FOR PUBLIC PONDS SUBSTITUTE CHEWING CROWNFETCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.

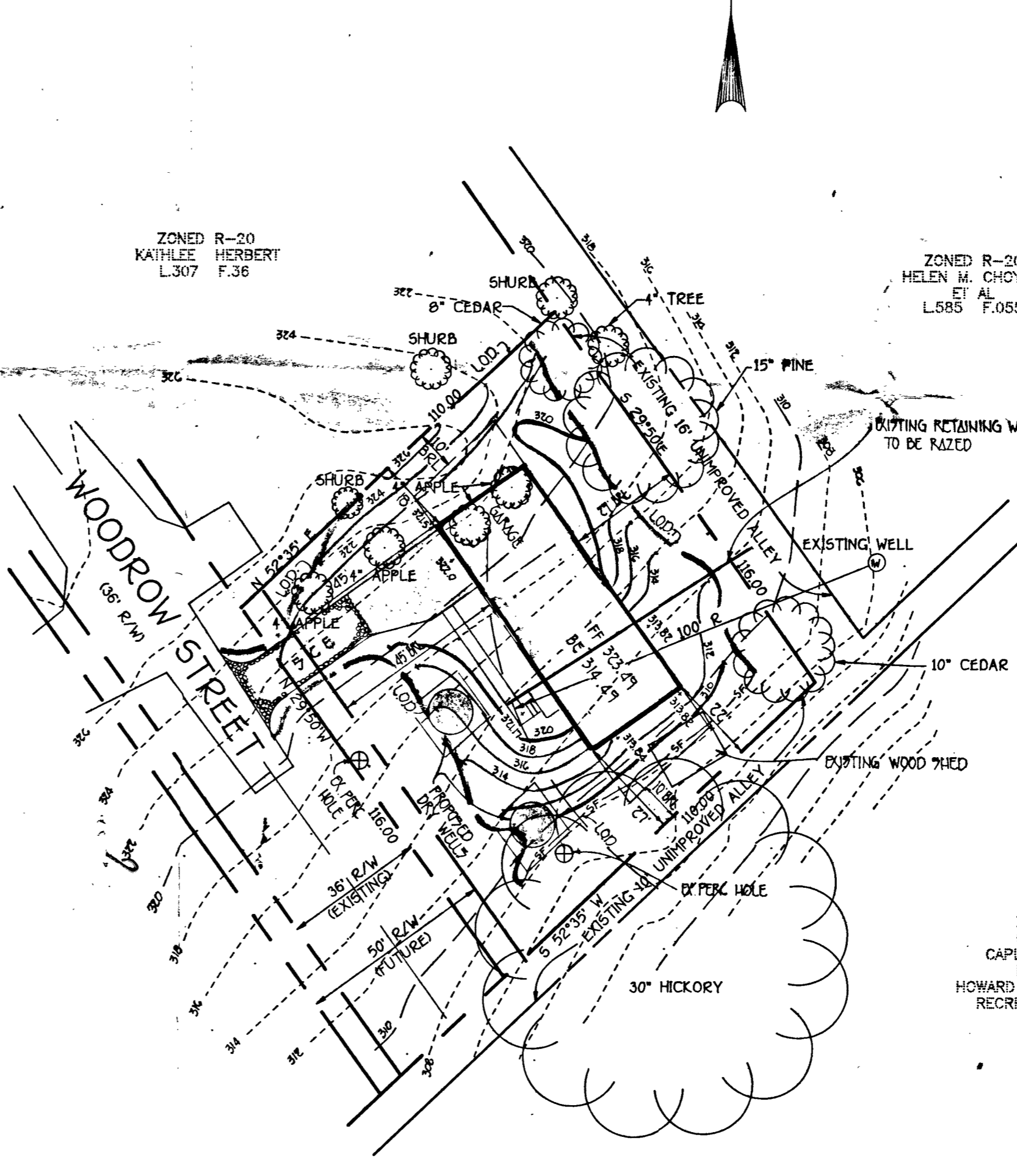


- SILT FENCE**
 NOT TO SCALE
- Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pound per linear foot.
 - Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

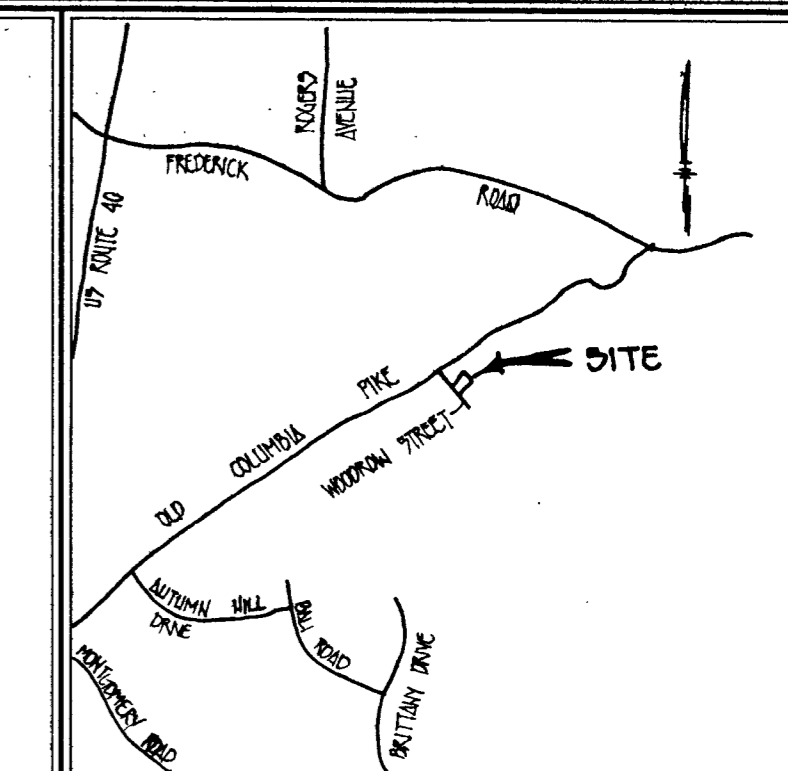
Tensile Strength	90 lb/ft (min.)	Test: MSMT 599
Tensile Modulus	28 lb/ft (min.)	Test: MSMT 599
Flow Rate	0.3 gal ft ² /minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322
 - Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
 - Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.



PROPOSED RESIDENCE
 NOT TO SCALE



SCALE
 1"=30'



VICINITY MAP
 SCALE: 1"=2000'

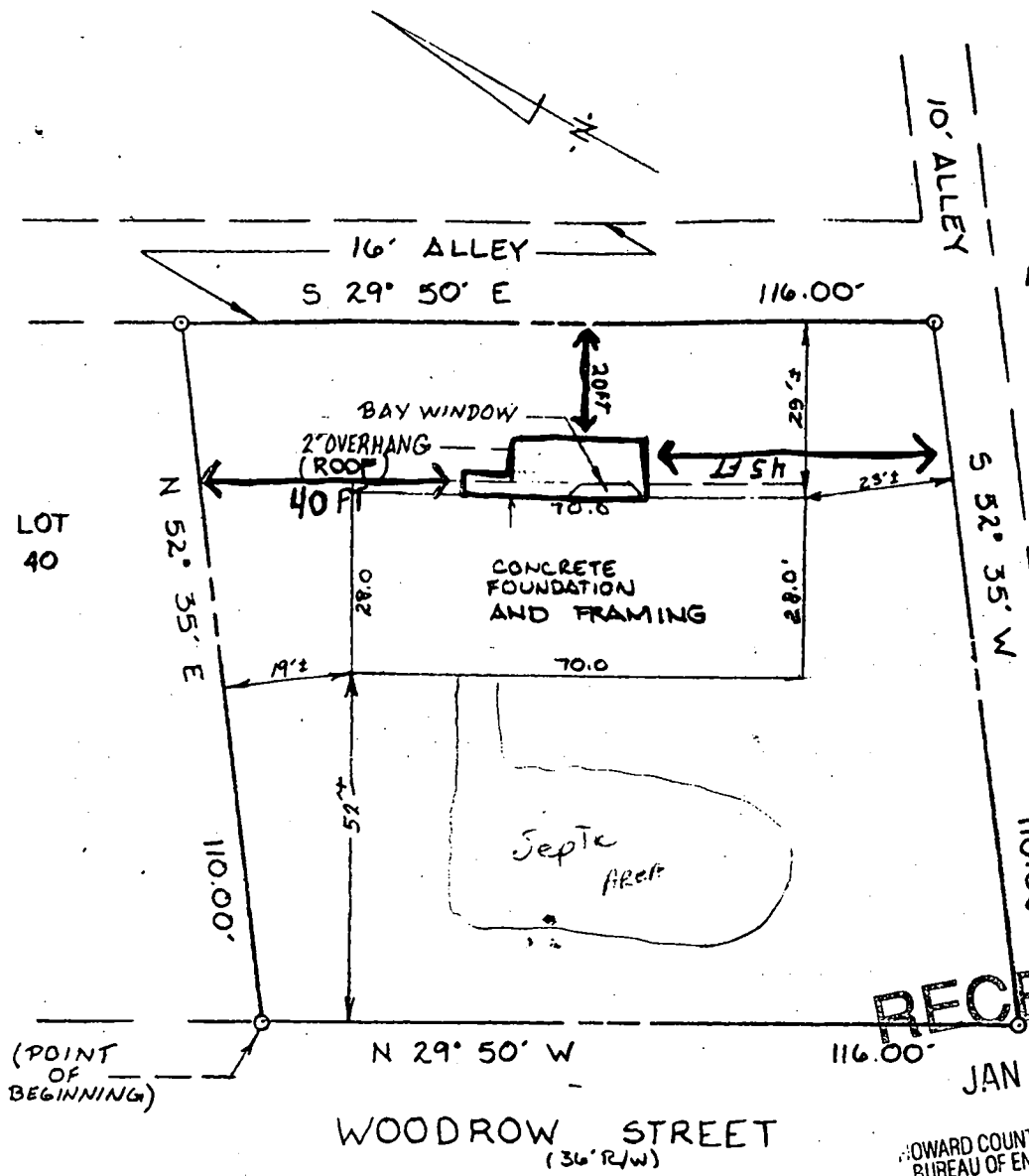
- GENERAL NOTES:**
- THIS PROPERTY WILL UTILIZE PUBLIC WATER AND PRIVATE SEPTIC.
 - THIS PROPERTY IS SUBJECT TO MD CASE 96-17 TO REDUCE THE FRONT SETBACK LINE FROM FIFTY FEET TO FORTY FIVE FEET AND REDUCE THE REAR SETBACK LINE FROM THIRTY FEET TO TWENTY NINE FEET. DECISION AND ORDER DATED JULY 31, 1996.

ZONED: R-ED
 OPEN SPACE
 CAPLAN'S PROPERTY
 PLAT 10385
 HOWARD COUNTY DEPARTMENT OF RECREATION AND PARKS

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT
3935 WOODROW STREET
 TAX MAP 25 ZONED: R-20 PARCEL: 239
 SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1"=30' DATE: AUGUST 5, 1996

GP-97-23

DATE: _____
 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1' PLUS OR MINUS (±).



60010365
 DECK - OK AS PROPOSED

RECENTLY
 IN STALLS
 SEPTIC
 APPROXIMATELY
 AS SHOWN.
 ON PUBLIC
 WATER.

1/8/97
 CWilk

RECEIVED

JAN 08 1997

HOWARD COUNTY HEALTH DEPARTMENT
 BUREAU OF ENVIRONMENTAL HEALTH

DEED REFERENCE: 2870/114
 FIRST FLOOR ELEVATION *322.7'
 #3935 WOODROW STREET

LOTS 42, 44, & 46
 PATAPSCO VIEW
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 PLAT REFERENCE: L.99 F.454

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 18272 BALTIMORE NATIONAL PIKE
 ELICOTT CITY, MARYLAND 21042
 (410) 481 - 2925



HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 10/23/96
 FINAL LOCATION: _____
 BOUNDARY SURVEY: _____

SCALE: 1"=30'
 DATE: 10/28/96