7-28-97
11.00 C.O.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 58582B

A 48741

DISTRICT 3rd

DATE 7-22-97

DATE SYSTEM APPROVED 7-28-97

INSPECTOR ALM

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXX~~ 313-2640

Adamson Plumbing and Heating IS PERMITTED TO INSTALL X ALTER

ADDRESS 323 East Watersville Road Mt. Airy, MD 21771 PHONE (301) 831-7497

SUBDIVISION W. Friendship Estates LOT 82 ROAD 3304 Velvet Valley Drive

PROPERTY OWNER ~~Hamilton Reed L.L.C.~~ Griffin

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

BLDG. PERMIT SIGNED AND RETURNED 3-10-99
Serial # B01165871
duck

TRENCHES - Trench to be 3 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Begin trenches 145 feet up the right lot line (303.27') and 65 feet off that same lot line as seen when facing the lot from Velvet Valley Drive. Run trenches on contour in both directions.

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

PLANS APROVED BY Amy McMillen/Donna K. Soe DATE 05/07/97

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

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.

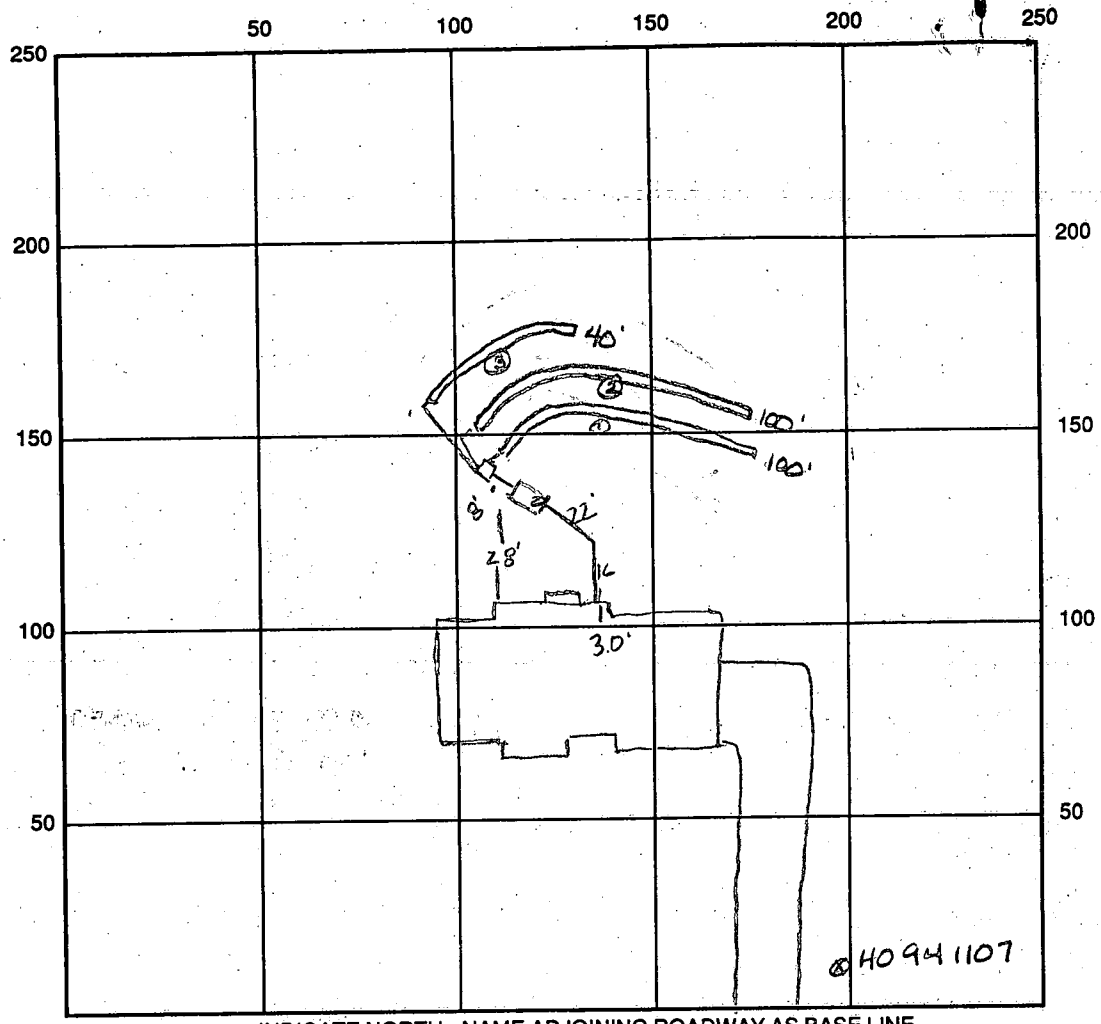
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

HD-260(6-90)

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

A 48741



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Velvet Valley DR

SEPTIC TANK LEVEL 1250 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK - baffle precast

DRAIN FIELD/TITLE DEPTH 6.5 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 1&2 - 4.5 3 - 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT. 240 720

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 7/28/97 OK to cover all work final ALM

DATE SYSTEM APPROVED 7/28/97 INSPECTOR A McMillen

APPLICATION

PERCOLATION TESTING

A 48748

P

DISTRICT

DATE 12/9/92

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 ~~West Friendship New Town Co.~~ Hamilton Reed, LLC

ADDRESS c/o Land Design & Development PHONE (410) 740-2100
10805 Hickory Ridge Road, Columbia, MD 21044

PROSPECTIVE BUYER N/A

ADDRESS PHONE

PROPERTY LOCATION:

SUBDIVISION West Friendship Estates LOT NO ~~X~~ ~~81~~ 82

ROAD AND DESCRIPTION Pfefferkorn Road & Route 32 (3304 Velvet Valley Drive)

BLDG. PERMIT SIGNED AND RETURNED 5/7/93
Sewall B000105406

TAX MAP 15 PARCEL # 32 & 42, 533

SIZE OF LOT 1 ± acres TYPE BLDG single family dwelling - 4 Bdrm
(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. Mark S Reich
(SIGNATURE OF APPLICANT)

APPROVED BY FOR DATE

REJECTED BY FOR DATE

HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING

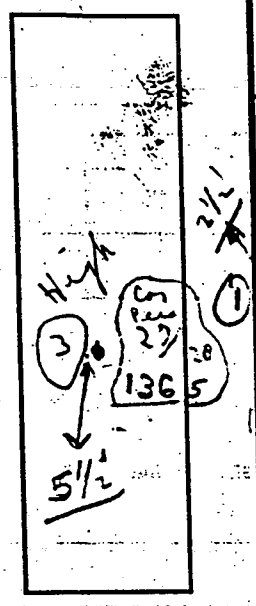
HD-216

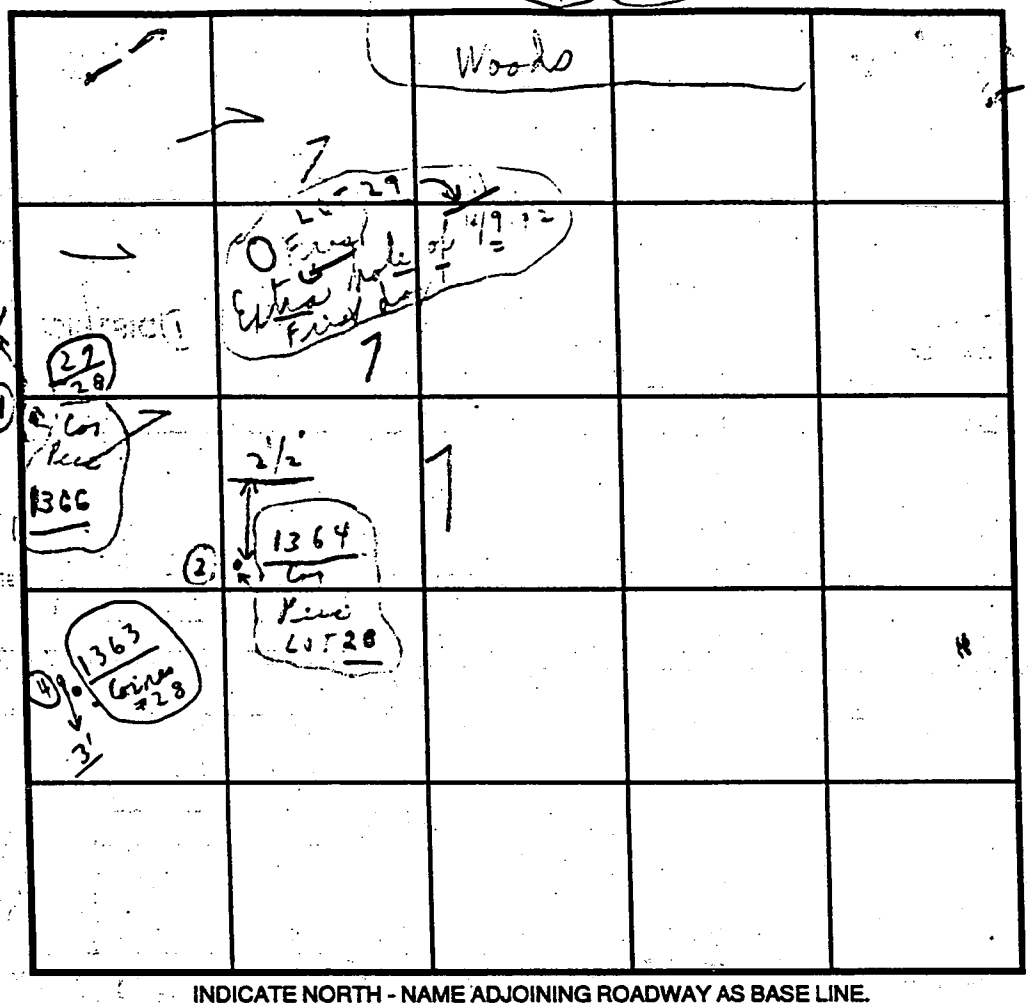
THIS IS NOT A PERMIT

Smart — Lot 28 — Well 95

40774
COUNTY #

SOIL PROFILE
0'





SOIL PROFILE
0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
12/15/92	#(1)	4'4"	9:37	9:39	9:37	9:43 am	6" on
Trees	#1366	12½'	Loam	- Loam (Clay) 10%		Sandy	
Knoll	#(2)	6'	9:39	9:40	9:40	9:41	1"
Loam	#1364	12'		No stop - Loam	all		
	#1365	12'	10:30	10:32	10:32	10:35	3"
	#(3)	8' →	10:30	10:35	10:33	10:37	4"
	#(4)	0' to 6' ± Clay		Loam 6' to	10'-10"		
	#1363	10'-10"	Hard in Loam	(Visual similar to (2))			

REMARKS Tests run wet (Shallow water to 5' only)

TYPE OF SOIL Loam / / /

TESTED BY C.K., N. ALSO PRESENT O.K., J., Mrs.

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4 min TRENCH WIDTH 3'

INLET DEPTH 4.5 MAXIMUM BOTTOM DEPTH 6.5 SQ. FT/BEDROOM 180 ft²

Lot 80
A48741

SOIL PROFILE

0'

...ILE

...rk red brn CSiL

4' yellow & red spotted SiL very decayed saprolite

10' very light pink SiSL

11'

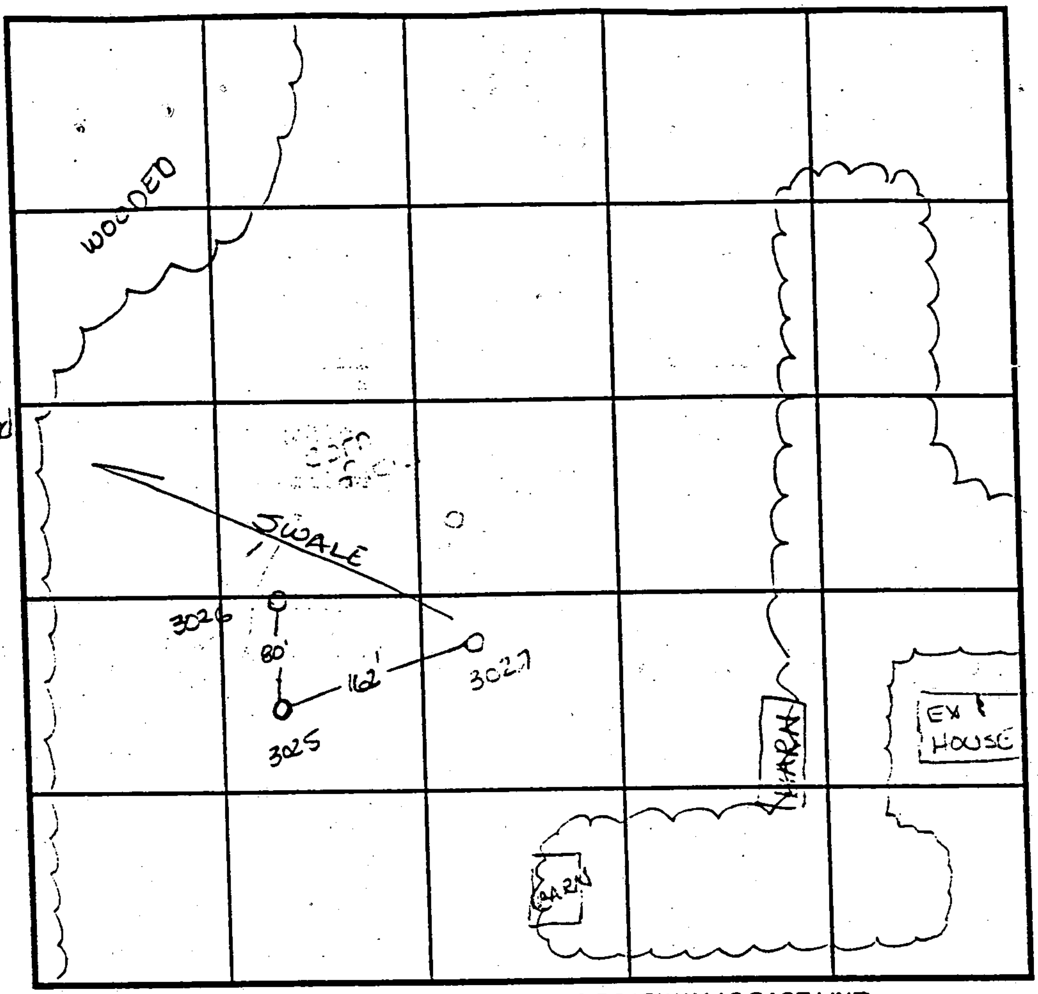
3026

bright red CSiL

4' yellow and red spotted SiL

6' lgt pink SiSL 10% decayed pink & yellow shale

11'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
3-15-95	3025	5' / V11'	11 10 15	11:11	11:11	11:12 30	1 1/2 min
	3025	repour	11 13	11:14 45	11:14 45	11:17	2 1/4 min
	3026	5' / V11'	12:22 30	12 26	12:26	12 36	10 min

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen ALSO PRESENT Olan Kettermam

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME ______ TRENCH WIDTH ______

INLET DEPTH ______ MAXIMUM BOTTOM DEPTH ______ SQ. FT/BEDROOM ______

LOT 81
A48741

COUNTY #

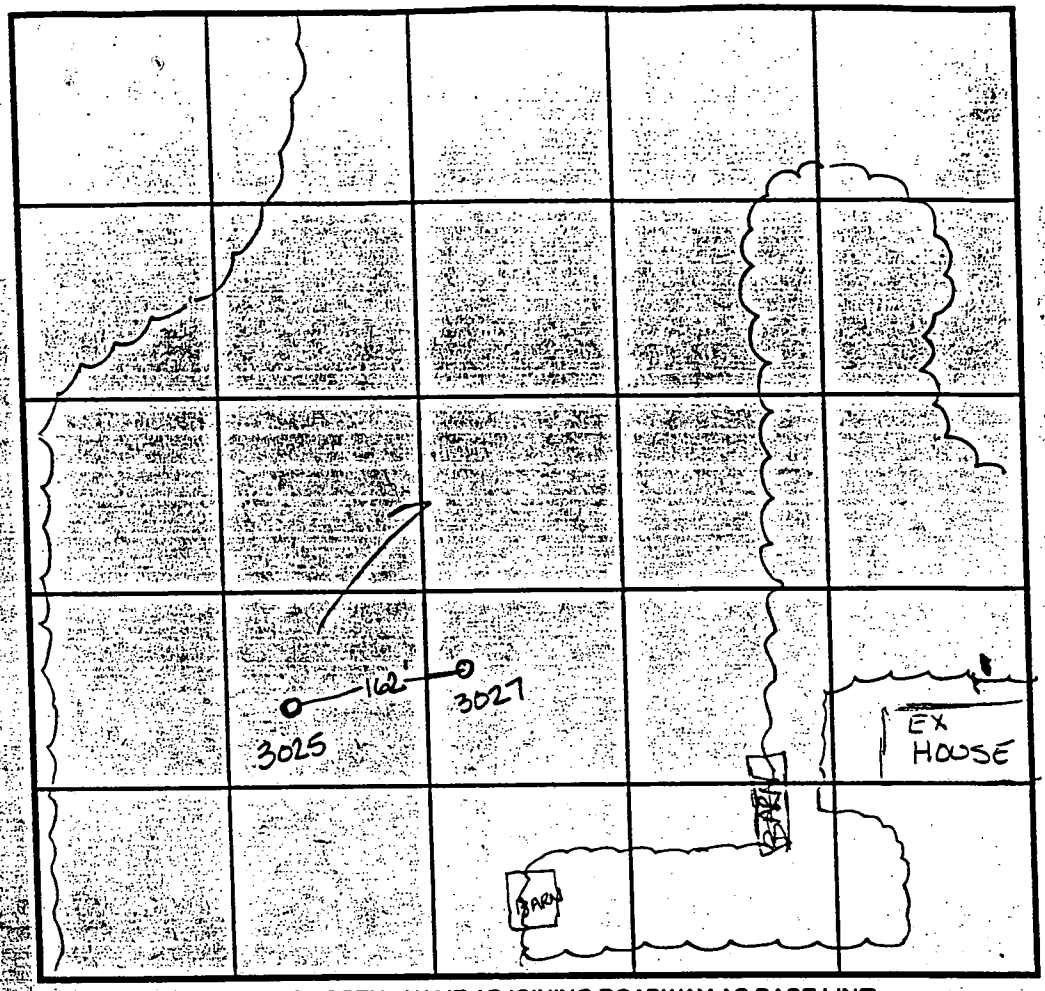
SOIL PROFILE 3027

0'

bright red CSiL

brn red SiL some sand 5% rock frags yellow spots from rock

11'



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
3-15-95	3027	4.5' / VII'	11.01	11.02 (15)	11.02 (15)	11.04 (30)	2 1/4 min

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

LOT 80

ILE

rk
cd
brn
CSiL

4'

yellow
& red
spotted
SiL
very decayed
saprolite

10'

very light
pink
SiSL

11'

3026

bright
red
CSiL

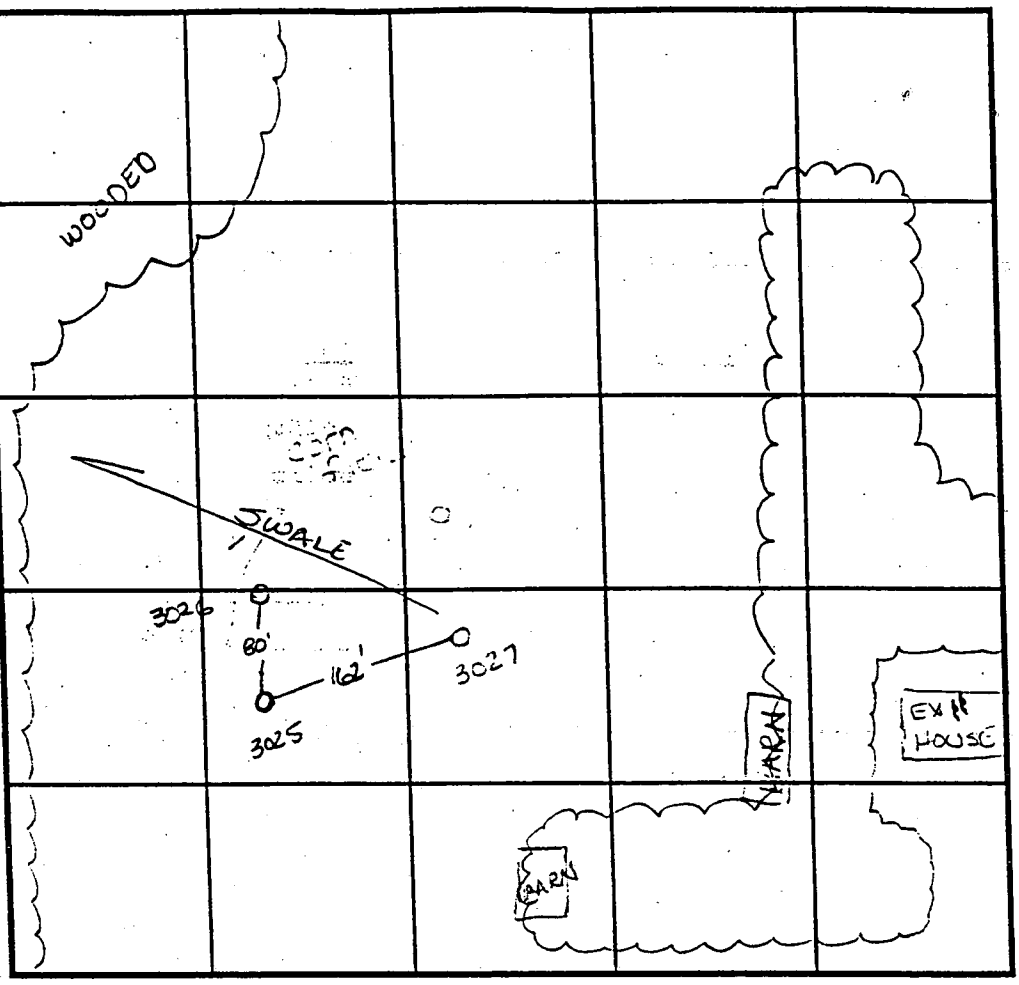
4'

yellow
and red
spotted
SiL

6'

lgt pink
SiSL
10% o
decayed
pink &
yellow
shale

11'



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
3-15-95	3025	5' / VII'	11:10 15	11:11	11:11	11:12 30	1½ min
	3025	repour	11:13	11:14 45	11:14 45	11:17	2¼ min
	3026	5' / VII'	12:22 30	12:26	12:26	12:36	10 min

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Olan Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

STATE USE INDUSTRIES JESSUP, MD 20794

EMERGENCY/TEMP NO. IF ANY W58084

B 1 | 8257 | SEQUENCE NO. (MDE USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER: HO-94-1107
fill in this form completely

Date Received (APA): 04/15/97

OWNER INFORMATION
Hamelton S Reed
Last Name / Owner / First Name
19805 Hickory Ridge
Street or RFD
Columbia MD 21044
Town / State / Zip

DRILLER INFORMATION
CIRCLE: (MSD) / MGD / MWD
Ralph Mayne
Driller's Name
License No. 116
Ralph Mayne Well Drilling
Firm Name
4120 Brown Church Rd. Mt Airy
Address
Ralph Mayne 4/14/97
Signature / Date

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] PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
[T] TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL: 150 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

REPLACEMENT OR DEEPENED 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 - CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
[D] 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 (MDE OR COUNTY USE ONLY)
APPROP. PERMIT NUMBER: GAP
FORCE [Y] [N] WRITE INITIALS IN BOX PERMIT No. HO-94-1107

B 3 LOCATION OF WELL
Howard
COUNTY
Westfriends Mtg West
SUBDIVISION
SECTION 24 LOT 82
Westfriends Mtg
NEAREST TOWN
MILES FROM TOWN (enter 0 if in town): 1 MI

B 4
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NW 8-9 | N 8 | NE 8-9
W 8 | TOWN | E 8
SW 8-9 | S 8 | SE 8-9

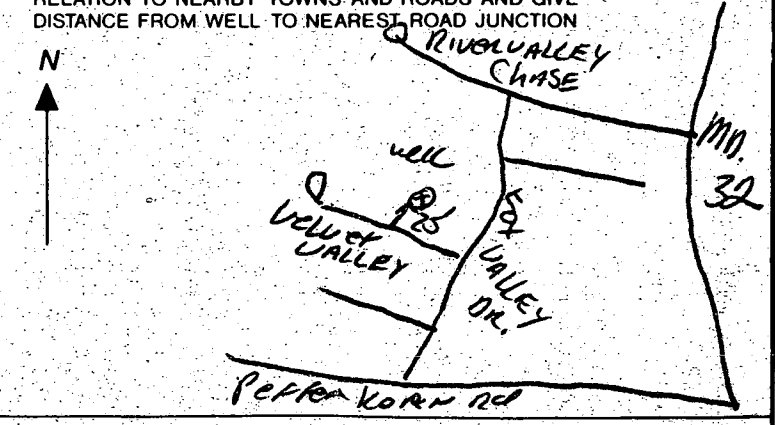
Velvet Valley Dr.
NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): NORTH (N) / WEST (W) / 32 / EAST (E) / SOUTH (S)
DISTANCE FROM ROAD: 25
ENTER FT OR MI: Ft.
TAX MAP: _____ BLK: _____ PARCEL _____

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL
Howard — A48741
COUNTY NAME / COUNTY NO.
STATE SIGNATURE _____ INSERT S
DATE ISSUED 04/16/97 Kimberly Maiste EXP. DATE 4/16/98
NORTH GRID 527000 EAST GRID 0804000

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 8004
N 5297
000 000

4/15/97
no insp

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

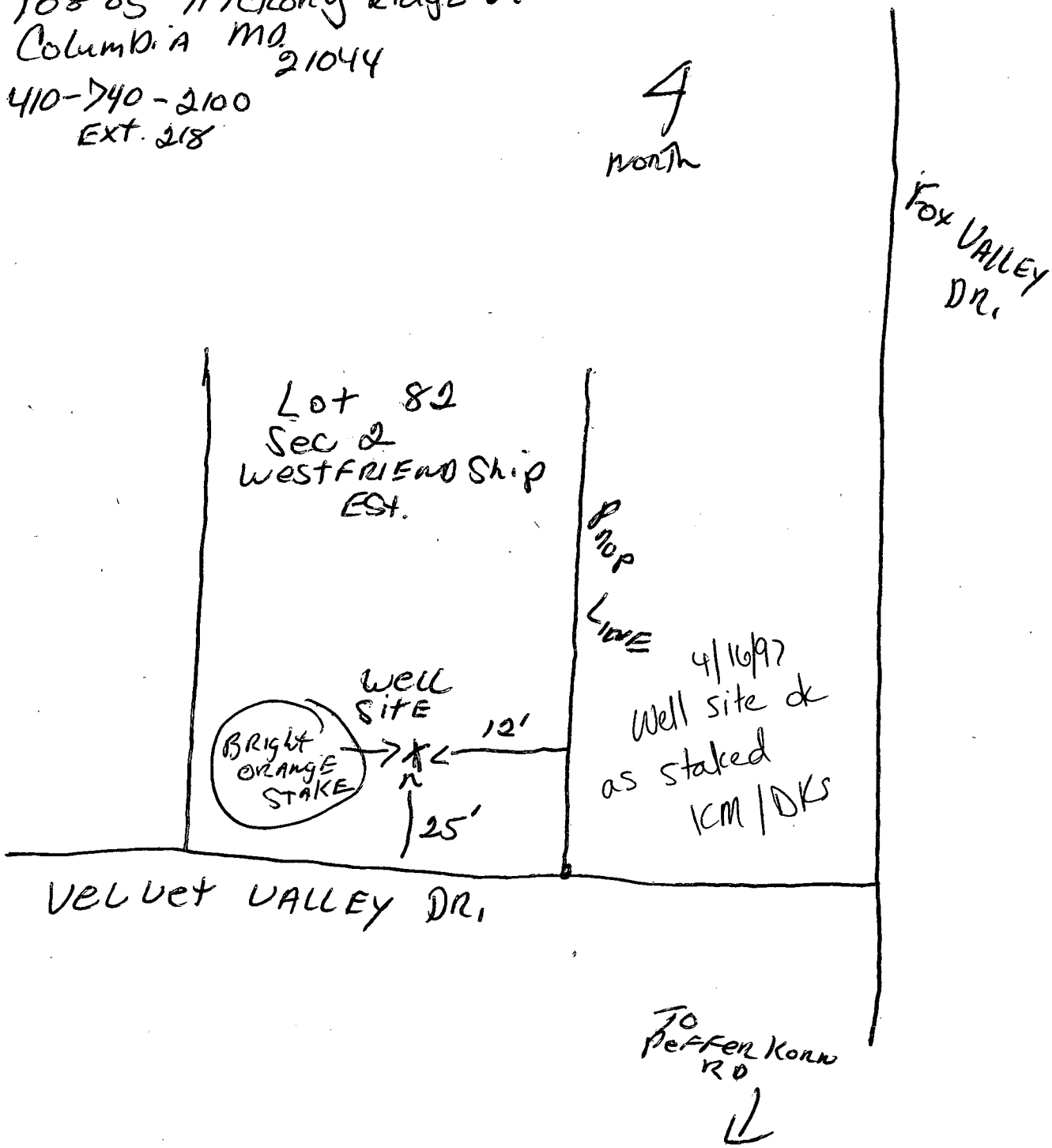


SPECIAL CONDITIONS
NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =

COUNTY

HAMELtow E Reed
10805 Hickory Ridge Dr
Columbia MD 21044
410-740-2100
EXT. 218

4
north



C 1 | 6019 | SEQUENCE NO. (MDE USE ONLY)

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

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

COUNTY NUMBER A 48741

ST/CO USE ONLY
DATE Received MM DD YY
8 13

DATE WELL COMPLETED MM 4 DD 26 YY 87
15 20

Depth of Well 22 400 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1107
28 29 30 31 32 33 34 35 36 37

OWNER Hamilton Reed Bldrs.
STREET OR RFD Velvet Valley Drive (last name / first name) TOWN West Friendship
SUBDIVISION W. Friendship Estates SECTION LOT 82

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	check if water bearing
Top Soil	0	2	
Sandy	2	80	✓
Sand Stone	80	85	
MICKA	85	100	
Sand Stone	100	105	✓
MICKA	105	400	

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.

DRILLERS LIC. NO.: MSD 116
Keith Wayne
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO.: MSD 112
Keith E. Wayne

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

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) yes [Y] 44 no [N] 44

TYPE OF GROUTING MATERIAL (Circle one)
CEMENT [C M] 45 46 BENTONITE CLAY [B C]

NO. OF BAGS 26 NO. OF POUNDS 2600 45 46

GALLONS OF WATER 72

DEPTH OF GROUT SEAL (to nearest foot)
from 0 48 TOP ft. to 40 52 54 BOTTOM 58 ft.
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
[S T] STEEL [C O] CONCRETE [P L] PLASTIC [O T] OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)!	Total depth of main casing (nearest foot)
PL	6	95
60 61	63 64	66 70

OTHER CASING (if used) — EACH CASING

diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole — insert appropriate code below
[S T] STEEL [B R] BRASS [H O] OPEN HOLE [P L] PLASTIC [O T] OTHER BRONZE

C 2 — DEPTH (nearest ft.)

EACH SCREEN 1	40 (8 9)	93 (11 15)	400 (17 21)
2	(23 24)	(26 30)	(32 36)
3	(38 39)	(41 45)	(47 51)

SLOT SIZE 1 ____ 2 ____ 3 ____

DIAMETER OF SCREEN ____ (NEAREST INCH) 56 60

GRAVEL PACK — from ____ to ____
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 ____ 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T 70 ____ (E.R.O.S.) 72 ____ W Q 74 75 76
TELESCOPE CASING | LOG INDICATOR | OTHER DATA

C 3

PUMPING TEST
HOURS PUMPED (nearest hour) 6 8 9

PUMPING RATE (gal. per min.) 3. 11 15

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)
BEFORE PUMPING 70 17 20 ft.
WHEN PUMPING 150 22 25 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

(27)

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES [NO]

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. ____ 29

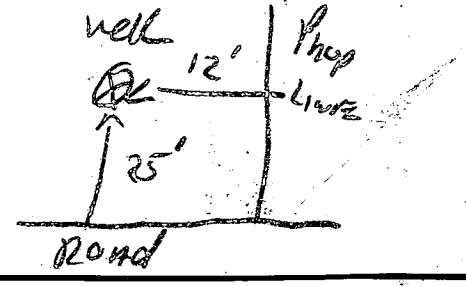
CAPACITY: GALLONS PER MINUTE (to nearest gallon) ____ 31 35

PUMP HORSE POWER ____ 37 41

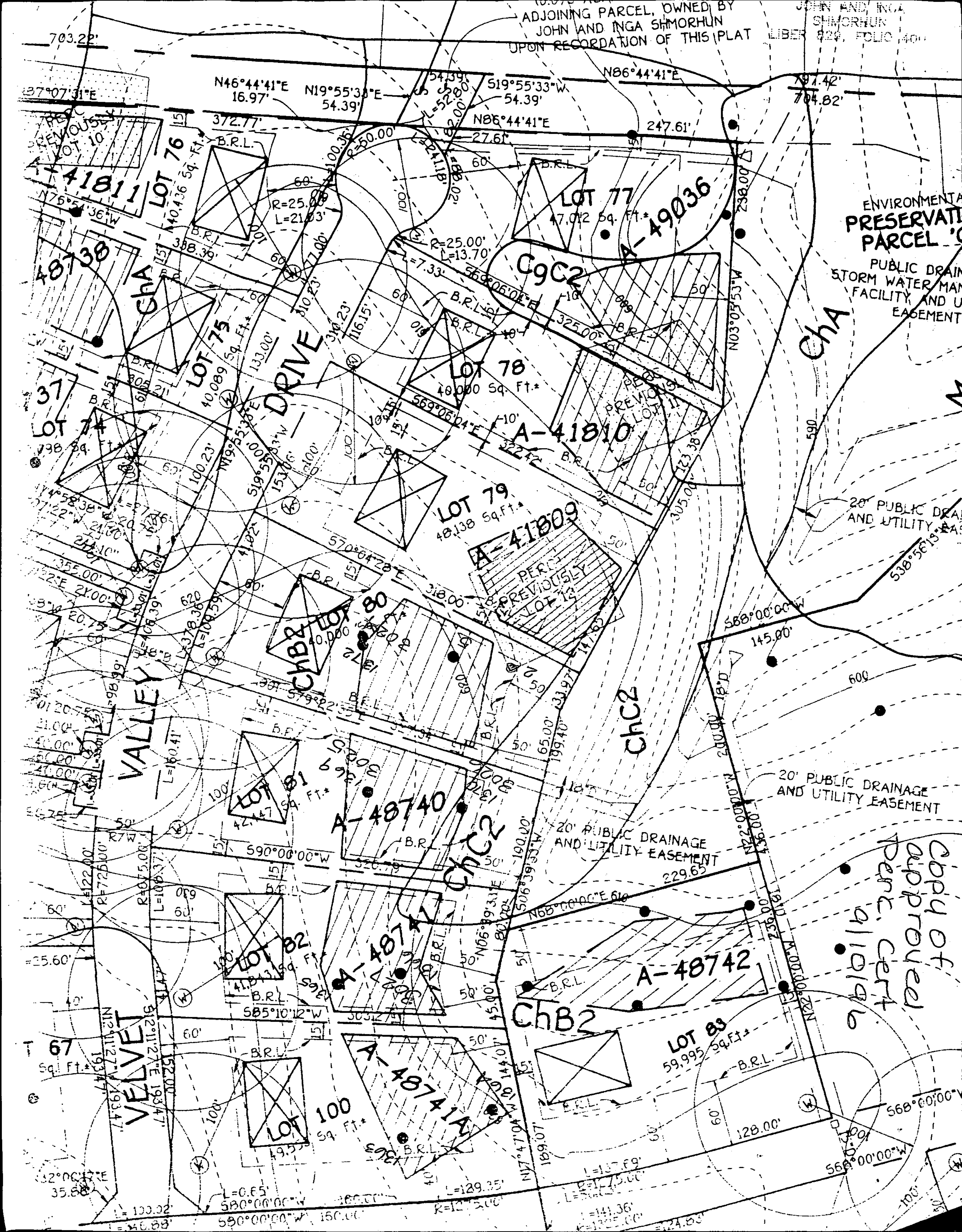
PUMP COLUMN LENGTH (nearest ft.) ____ 43 47

CASING HEIGHT (circle appropriate box and enter casing height)
[+] above [−] below 49 — LAND SURFACE
2 (nearest foot) 50 51

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)



COUNTY

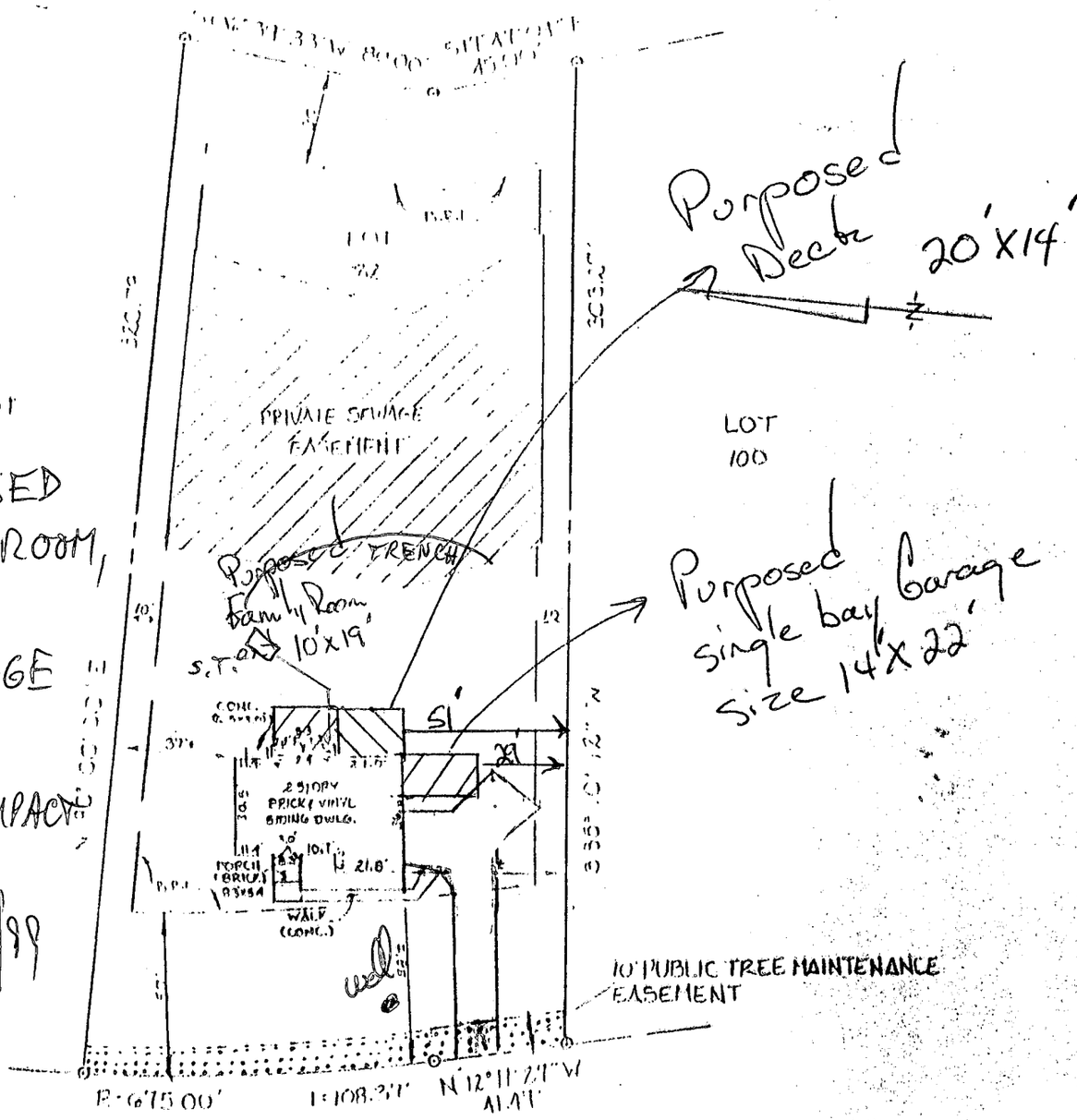


ADJOINING PARCEL, OWNED BY
JOHN AND INGA SHMORHUN
UPON RECORDATION OF THIS PLAT
JOHN AND INGA SHMORHUN
LIBER 829, FOLIO 400
ENVIRONMENTAL
PRESERVATION
PARCEL
PUBLIC DRAINAGE, STORM WATER MANAGEMENT FACILITY AND UTILITY EASEMENT
20' PUBLIC DRAINAGE AND UTILITY EASEMENT
20' PUBLIC DRAINAGE AND UTILITY EASEMENT
20' PUBLIC DRAINAGE AND UTILITY EASEMENT
VALLEY DRIVE
VELVET
LOT 76
40,436 Sq. Ft.±
LOT 75
40,089 Sq. Ft.±
LOT 74
LOT 77
47,012 Sq. Ft.±
LOT 78
40,000 Sq. Ft.±
LOT 79
48,138 Sq. Ft.±
LOT 80
40,000 Sq. Ft.±
LOT 81
LOT 82
LOT 83
59,995 Sq. Ft.±
LOT 100
LOT 67
A-41811
A-48738
A-49036
A-41810
A-41809
A-48740
A-48741
A-48741A
A-48742
PERC PREVIOUSLY LOT 10
PERC PREVIOUSLY LOT 11
PERC PREVIOUSLY LOT 12
ChA
CgC2
ChB2
ChC2
B.R.L.
N86°44'41"E
N46°44'41"E 16.97'
N19°55'33"E 54.39'
S19°55'33"W 54.39'
372.77'
247.61'
S69°06'04"E
S70°04'28"E
S79°22'35"W
S90°00'00"W
S85°10'12"W
S68°00'00"W
N03°05'53"W
N22°00'00"W
N68°00'00"E
S06°39'31"E
N05°39'31"E
N17°47'04"W
S80°00'00"W
S30°56'13"W
R=25.00'
L=21.03'
R=25.00'
L=13.70'
R=50.00'
703.22'
704.82'

copy of approved perc cert 9/10/96

GENERAL NOTES:

1. THIS PLAT IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INSOFAR AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS PLAT DOES NOT PROVIDE FOR ACCURATE INDENTIFICATION OF PROPERTY LINE, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR RE-FINANCING.
2. SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 240044 0021 B EFFECTIVE DATE: DEC. 1, 1986.
3. THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1' PLUS OR MINUS (±).



LOT 82
"WEST FRIENDSHIP ESTATES"
SECTION 2
LOTS 57 thru 100 &
PARCELS 'E' thru 'Q'
3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT REFERENCE: 12133

FOUNDATION ELEVATION = 633.1'±

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

TERRELL A. FISHER
No. 10692
REGISTERED LAND SURVEYOR

9/9/99
PROFESSIONAL LAND SURVEYOR DATE
REG. # 10692

HOUSE LOCATION DRAWING

FOUNDATION LOCATION SURVEY
FINAL LOCATION SURVEY
BOUNDARY SURVEY

SCALE: 1" = 30'
DATE: 9/9/99
DRAWN BY: KH
CHECKED BY: MLB
PROJECT No.: 99108

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
ELLICOTT CITY, MD 21043
PERMITS (410)313-2455 INSPECTIONS (410)313-1810
AUTOMATED INFORMATION (410) 313-3800

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER B001659 B00116581

Building Address 3304 Velvet Valley Drive
West Friendship MD 21794

Suite/Apt. #: _____ SDP/WP/Petition #: _____

Census Tract 6030 Subdivision West Friendship Village II

Section 2 Area _____ Lot 82

Tax Map 22 Parcel 556 Grid 2

Zoning RC-DEO Map Coordinates 9J7 Lot size

Property Owner's Name Larry Huse Judith
Address 3304 Velvet Valley Dr.
City West Friendship State MD Zip Code 21794
Home Phone 410 489 8112 Work Phone _____
Applicant's Name & Mailing Address, (if other than stated hereon):

Phone _____ Fax _____

Existing Use Single Family Home
Proposed Use Same w/ Addition
Estimated Construction Cost $ 40,000
Description of Work Construct Deck 14x20
Construct Family Room extension 10x19'
Single Car Garage 14'x22'

Contractor Company Owings Brothers
Contact Person Michael Owings
Address PO Box 157
City Sykesville State MD Zip Code 21784
License No. _____
Phone 410-795-7022 Fax _____

Occupant or Tenant Owner

Contact Name _____

Address _____

City _____ State _____ Zip Code _____

Phone _____ Fax _____

Engineer or Architect Company _____

Contact Person _____

Address _____

City _____ State _____ Zip Code _____

Phone _____ Fax _____

BUILDING DESCRIPTION - *COMMERCIAL*

Building Characteristics

Height:

No. of stories:

Gross area, sq. ft. per floor:

Use group:

Construction type:
____ Reinforced Concrete
____ Structural Steel
____ Masonry
____ Wood Frame

____ State Certified Modular

Utilities

Water Supply:
____ Public
____ Private
Sewage Disposal:
____ Public
____ Private

Electric Yes ☐ No ☐
Gas Yes ☐ No ☐

Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☐

Sprinkler system: N/A ☐
____ Full
____ Partial
____ Other Suppression
____ # of Heads

BUILDING DESCRIPTION - *RESIDENTIAL*

Building Characteristics

SF Dwelling ☒ SF Townhouse ☐

	Depth	Width
1st floor:		
2nd floor:		
Basement:		

Finished Basement ☐ Unfinished Basement ☐
Crawl space ☐ Slab on Grade ☐
No. of Bedrooms _____

Multi-family dwellings:
No. of efficiency units: _____
No. of 1 BR units: _____
No. of 2 BR units: _____
No. of 3 BR units: _____

Other Structure: _____
Dimensions: _____
Footings: _____
Roof: _____

____ State Certified Modular
____ Manufactured Home

Utilities

Water Supply:
____ Public
☒ Private
Sewage Disposal:
____ Public
☒ Private

Electric Yes ☐ No ☐
Gas Yes ☐ No ☐

Heating System:
Electric ☐ Oil ☐
Natural Gas ☐
Propane Gas ☐

Sprinkler system: N/A ☐
____ NFPA #13D
____ NFPA #13R
____ Other:

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature

Title/Company Vice President

Print Name Michael Owings

Date March 10 1999

Checks payable to: *DIRECTOR OF FINANCE OF HOWARD COUNTY*
** PLEASE WRITE NEATLY AND LEGIBLY. **

- FOR OFFICE USE ONLY -

AGENCY	DATE	SIGNATURE APPROVAL
Land Development, DPZ		
State Highways		
Building Official	3/10/99	
Dev. Engineering, DPZ		
Health	3/10/99	Mark E. Wilkins
Fire Protection		

Is Sediment Control approval required prior to issuance?
YES ☐ NO ☐

CONTINGENCY CONSTRUCTION START: ☐
ONE STOP SHOP: ☐

DPZ SETBACK INFORMATION
Front: _____
Rear: _____
Side: _____
Side St.: _____
All minimum setbacks met?
YES ☐ NO ☐
Is Entrance Permit required?
YES ☐ NO ☐
Historic District?
YES ☐ NO ☐
Lot Coverage for NewTown Zone _____
SDP/Red-line approval date _____ Accepted by _____

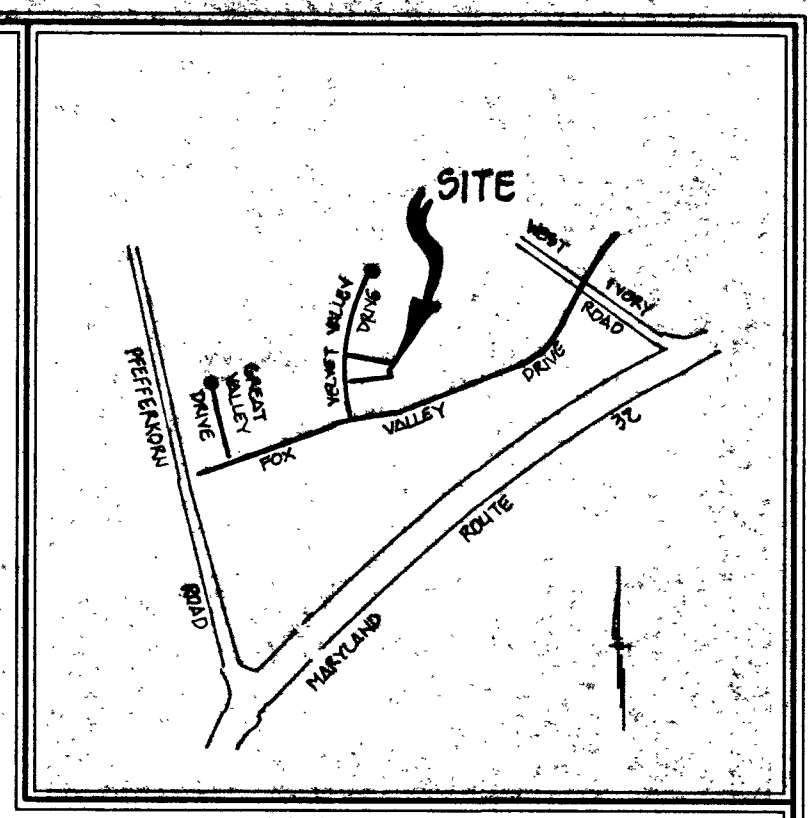
PROPERTY ID#: 29540

Filing fee	$ 25
Permit fee	$ 50
Excise tax	$ 240
Sub-total paid	$ _____
Add'l permit fee	$ _____
TOTAL FEES	$ 315
Balance due	$ _____
Check	# B001659
Validation	# 19355

Distribution of Copies- White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA

a:\permit.frm

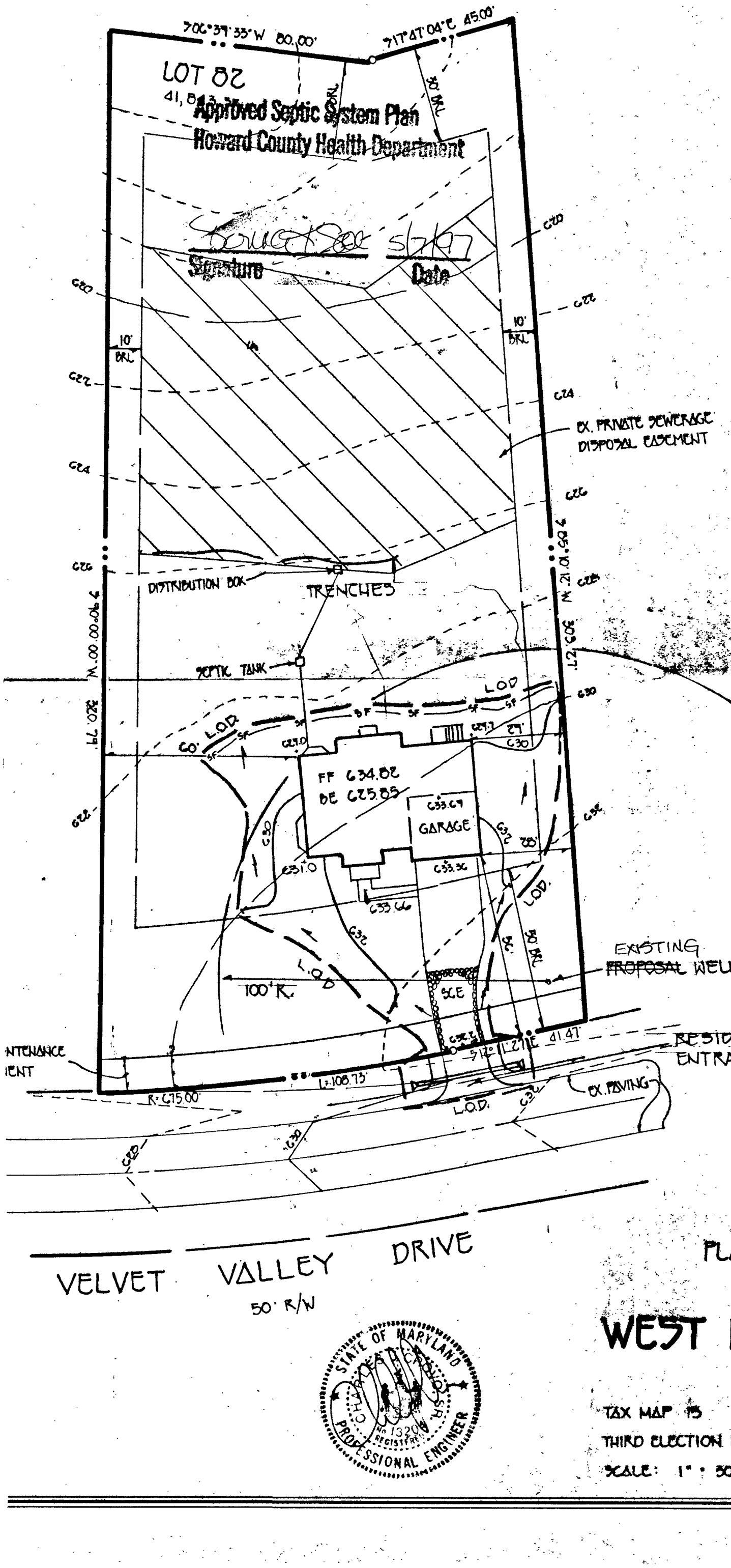
Rev. 10/13/94

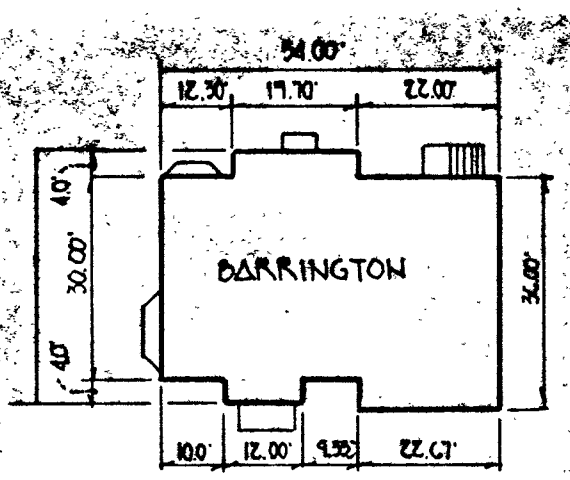


VICINITY MAP
SCALE: 1"=2000'

GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No. 48741
2. PROPOSED 1500 GALLON SEPTIC TANK.
3. A. FIRST FLOOR ELEVATION: 634.82
   B. BASEMENT ELEVATION: 625.82
   C. INVERT OF SEPTIC SYSTEM AT HOUSE: 623.00
   D. INVERT IN AT SEPTIC TANK: 622.60
   E. INVERT OUT AT SEPTIC TANK: 622.30
   F. PROPOSED GRADE OVER SEPTIC TANK: 627.00
   G. INVERT AT DISTRIBUTION BOX: 622.0
   H. EXISTING GROUND OVER DISTRIBUTION BOX: 626.50
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.





PROPOSED RESIDENCE

GP-97-158

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT

WEST FRIENDSHIP ESTATES

LOT 82

TAX MAP 15
THIRD ELECTION DIST.
SCALE: 1" = 50'

PARCELS A, B, C AND D
HOWARD COUNTY, MARYLAND
DATE: APRIL 17, 1997

STATE OF MARYLAND
CHARLES F. CROSS
No. 13204
REGISTERED
PROFESSIONAL ENGINEER