

10/1/99
10/29/99 3:00 pump test
11/1/99 10:30
Cancelled

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 512719

A 49667-E

DISTRICT _____

DATE 9/22/99

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 11/1/99

INSPECTOR DKS

05-418062

INDEXED

S & K Plumbing IS PERMITTED TO INSTALL ALTER

ADDRESS 1220 FSK Highway, Keymar, MD 21757 PHONE 301-898-0955

SUBDIVISION Fulton Manor LOT 17 ROAD 12374 Pleasant View Drive

PROPERTY OWNER Altieri Homes

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

PUMPED SEPTIC SYSTEM PROPOSED

INSTALL: 1-1250 Gallon Pump Chamber

- NOTES:
- Septic pump detail to be provided by installer prior to issuance of septic permit.
 - Pump performance test is necessary prior to Health Department approval of pumped septic system.

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Beginning from the back left lot line, place distribution box 100 feet down the left (211') lot line and 100 feet off that same lot line when facing the lot from the right-of-way. 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. *see acceptable change in dirt box location on our copy of B.P. Plan (since SDA is only 100' long) 11/1/99*

PLANS APPROVED BY Amy McMillen/C. Williams

REVISED DATE 6-28-1999

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**

11/1/99



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 2-1250 gallon tanks CLEANOUTS 1-6" tank, 1-manhole pump chamber
 DISTRIBUTION BOX LEVEL O.K. 4" on DBOX
 DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 3x80 FT. (240-ft. total)
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.
 DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.
 ABSORBENT AREA SQ. FT.

REMARKS: 10/4/99 Waiting on house connection. O.K. to cover tanks and trenches. Pump test required prior to final approval. (BB)
10/14/99 - House connection verified in field (SRW)
11/1/99 - Pump performance check OK. Final approval given. DKS

DATE SYSTEM APPROVED 11/1/99 INSPECTOR [Signature]

#12/00 AM

REGION _____

AREA _____ RATING _____

ACKNOWLEDGMENT AND CONTROLS	DATE

Howard County Department of Health
BUREAU OF ENVIRONMENTAL HEALTH

DISPOSITION	DATE

RECORD OF INVESTIGATION

LOCATION LOT 17 FULTON MANOR A49867-E ZIP 301-854-3838
 OWNER ONUPRAK ADDRESS 12374 PLEASANT VIEW PHONE 410-468-3515
 OCCUPANT MARK COVERTE

COMPLAINANT OWNER ADDRESS _____ PHONE _____

REASON FOR INVESTIGATION REPORTS FOUL SMELLING WET SPOT IN YARD,
LOWER THAN WHERE SEPTIC SYSTEM IS LOCATED. REQUESTING ASSISTANCE
TO DETERMINE WHAT IT IS. I SUGGESTED DYE TEST SEPTIC. CODES _____

RECEIVED BY CW DATE 7/10/00 ASSIGNED TO R Penley DATE 7/12/00

DATE OF INVESTIGATION 7/12/00 TIME 4:30 WEATHER Sunny

REPORT - HIS WIFE WILL BE HOME WEDNESDAY 7/12 AFTER NOON TO PERMIT
DYE TEST OF SEPTIC TANK. OK TO ~~TEST~~ ADD DYE EVEN IF NO ONE HOME... (CW)

(OWNER SAID HE WILL LOOSEN SEPTIC TANK CLEANOUT CAP ~~BEFORE~~ PRIOR TO OUR ARRIVAL)
 Post hole in front yard (about 18" square) with oily reddish brown layer
 (metallic iridescent sheen) on water surface and on slick running 4 ft down hill.
 Jean (housewife) ONUPRAK says they dug hole - seepage appears to be from sides
 rather than bottom of hole - surface scum (dried) just uphill and around the hole.
 Has more a dead (like fertilizer) odor - NOT sewage, and is 100 ft
 from septic system. This is probably a buried building material dump site on this property.
 Grass is growing sparsely in area of this seepage - may be somewhat toxic agent here. 7/12/00
 I discussed situation w/ Community Hygiene (Bert Nixon) best estimate is iron forming
 bacteria films. Could try to put in a drain to run off to field on property outside. 7/13/00
 NO HEALTH DEPT. JURISDICTION (FER)

DATE SUBMITTED 7/13/00 SANITARIAN Donald Kelly

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 OF ENGINEER DATE 6/23/99

DEVELOPER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT. APPROVED:

HOWARD SOIL CONSERVATION DISTRICT DATE

SEDIMENT CONTROL NOTES

- 1. 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 (913-1825).
2. 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.
3. 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, PERMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
4. 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.
5. 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), SOD (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.
6. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PRESCRIPTION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
7. SITE ANALYSIS: TOTAL AREA OF SITE 1.46 ACRES, AREA DISTURBED 0.26 ACRES, AREA TO BE ROOFED OR PAVED 0.07 ACRES, AREA TO BE VEGETATIVELY STABILIZED 0.13 ACRES, TOTAL CUT 2.2 CU.YDS., TOTAL FILL 200 CU.YDS., OFFSITE WASTE/BORROW AREA LOCATION - CU.YDS., ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
9. ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
10. 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, BUT 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.
11. TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH IS BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

SEQUENCE OF CONSTRUCTION

- 1. Obtain grading permit.
2. Install sediment controls as shown on plan (1 day)
3. Perform necessary grading and stabilize the site (2 days)
4. Construct dwelling on site (90 days)
5. 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 redistributed 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 acre (3.2 lbs./1000 Sq. Ft.)

For the period May 1 thru August 14, seed with 3 lbs./acre of weeping lovegrass (0.7 lbs./1000 Sq. Ft.). For the period November 15 thru February 29, 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 210 gallons per acre (5 gal./1000 Sq. Ft.) of emulsified asphalt on flat areas. On slopes 3 feet or higher, use 340 gallons per acre (6 gal./1000 Sq. Ft.) for anchoring.

Refer to the 1988 Maryland Standards and Specifications 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 Lime Stone (92 lbs./1000 Sq. Ft.) and 600 lbs. per acre 0-20-20 fertilizer (4 lbs./1000 Sq. Ft.) before seeding harrow or discing into upper three inches of soil. At time of seeding, apply 400 lbs. per acre 30-0-0 ureaform fertilizer (9 lbs./1000 Sq. Ft.) and 500 lbs. per acre (11.5 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 (1.4 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 29, Project site by Option (1) - two tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or Option (2) - use 500 lb./acre (3) - seed with 100 lbs./acre Kentucky 31 Tall Fescue and mulch with two tons/acre well anchored straw. All slopes should be hydroseeded.

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 3 feet or higher, use 340 gallons per acre (6 gal./1000 Sq. Ft.) for anchoring.

MAINTENANCE

Inspect all seeded areas and make needed repairs, replacements and reseedings.

* For public ponds substitute Chemung Crownwetch 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.

TOPSOIL SPECIFICATIONS

Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting texture subsoil and shall contain less than 5% by volume of cinders, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1-1/2" in diameter.

Topsoil must be free of plants or plant parts such as Bermuda Grass, Quackgrass, Johnson grass, Nutsedge, Poison Ivy, Thistle, or others as specified.

Where the topsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread at the rate of 4-8 tons/acre (200-400 pounds/1000 Sq. Ft.) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedures.

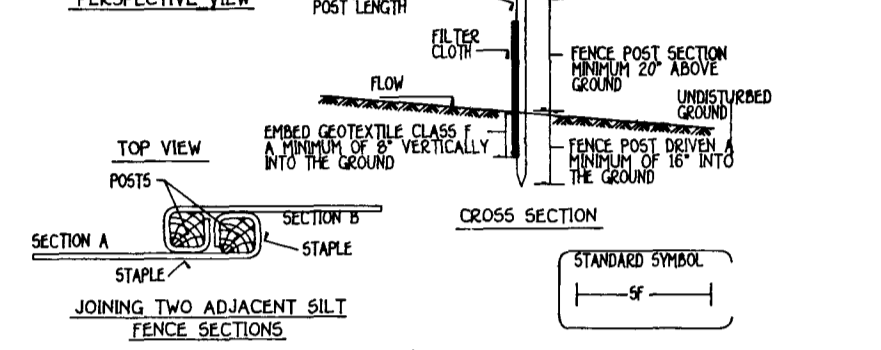
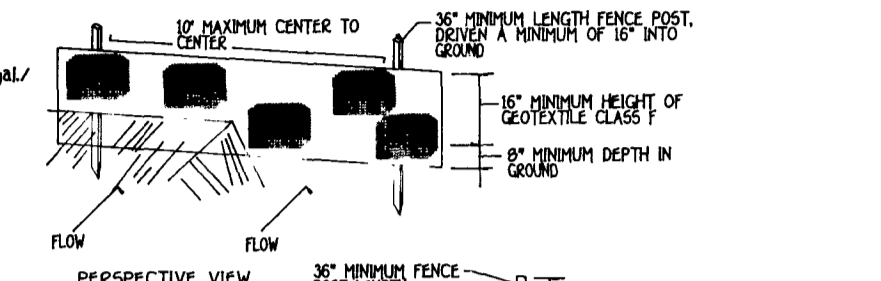
For sites having disturbed areas under 5 acres: Place topsoil (if required) and apply soil amendments as specified in 20.0 vegetative stabilization - Section 1 - Vegetative Stabilization Methods and Materials.

ALTERNATIVE FOR PERMANENT SEEDING

Instead of applying the full amounts of lime and commercial fertilizer, composted sludge and amendments may be applied as specified below:

Composted sludge material for use as a soil conditioner for sites having disturbed areas under 5 acres shall be tested to prescribe amendments and for sites having disturbed areas under 5 acres shall conform to the following requirements:

- a.) Composted sludge shall be supplied by, or originate from, a person or persons that are permitted (at the time of acquisition of the compost) by the Maryland Department of the Environment under Comar 26.04.06.
b.) Composted sludge shall contain at least 1 percent Nitrogen, 1.5 percent Phosphorus, and 0.2 percent Potassium and have a Ph of 7.0 to 8.0. If compost does not meet these requirements, The Appropriate constituents must be added to meet the requirements prior to use.
c.) Composted sludge shall be applied at a rate of 1 ton/1000 Sq. Ft.
Composted sludge shall be amended with a Potassium Fertilizer applied at the rate of 4 lb./1000 Sq. Ft. and 1/3 the normal lime application rate.

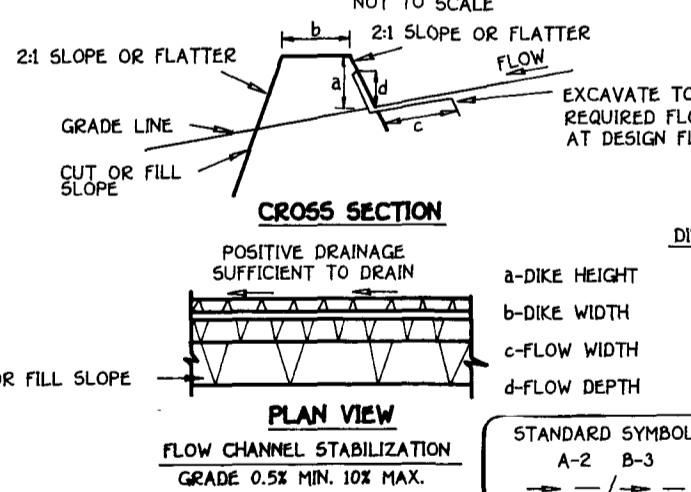


Construction Specifications
1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 100 pound per linear foot.
2. 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 50 lbs/in (min) Test: MSMT 509
Tensile Modulus 20 lbs/in (min) Test: MSMT 509
Flow Rate 0.3 gal ft/minute (max) Test: MSMT 322
Filtering Efficiency 75% (min) Test: MSMT 322
3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

SILT FENCE NOT TO SCALE

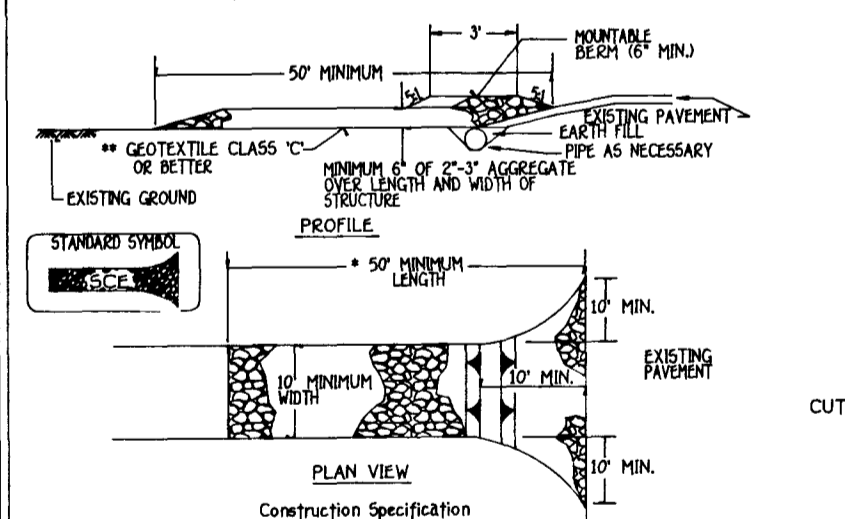
PRIVATE USE-IN-COMMON ACCESS EASEMENT ACROSS LOTS 17, 18, 19 AND PRESERVATION PARCEL 'A' FOR THE USE AND BENEFIT OF LOTS 17, 18, 19, 20, 21, PRESERVATION PARCEL 'A' AND PROPERTY OF GERALD AND PATRICIA BOWEN. MAINTENANCE AGREEMENT RECORDED IN LIBER No. 3384, FOLIO 302.

EARTH DIKE NOT TO SCALE



- 1. Seed and cover with straw mulch.
2. Seed and cover with Erosion Control Matting or line with sod.
3. 4" - 7" stone or recycled concrete equivalent pressed into the soil 7" minimum.

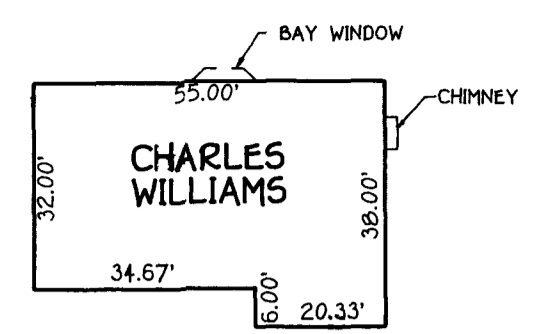
- 1. All temporary earth dikes shall have uninterrupted positive grade to an outlet. Spot elevations may be necessary for grades less than 1%.
2. Runoff diverted from a disturbed area shall be conveyed to a sediment trapping device.
3. Runoff diverted from an undisturbed area shall outlet directly into an undisturbed, stabilized area at a non-erosive velocity.
4. All trees, brush, stumps, obstructions, and other objectionable material shall be removed and disposed of so as not to interfere with the proper functioning of the dike.
5. The dike shall be excavated or shaped to line, grade and cross section as required to meet the criteria specified herein and be free of bank projections or other irregularities which will impede normal flow.
6. Fill shall be compacted by earth moving equipment.
7. All earth removed and not needed for construction shall be placed so that it will not interfere with the functioning of the dike.
8. Inspection and maintenance must be provided periodically and after each rain event.



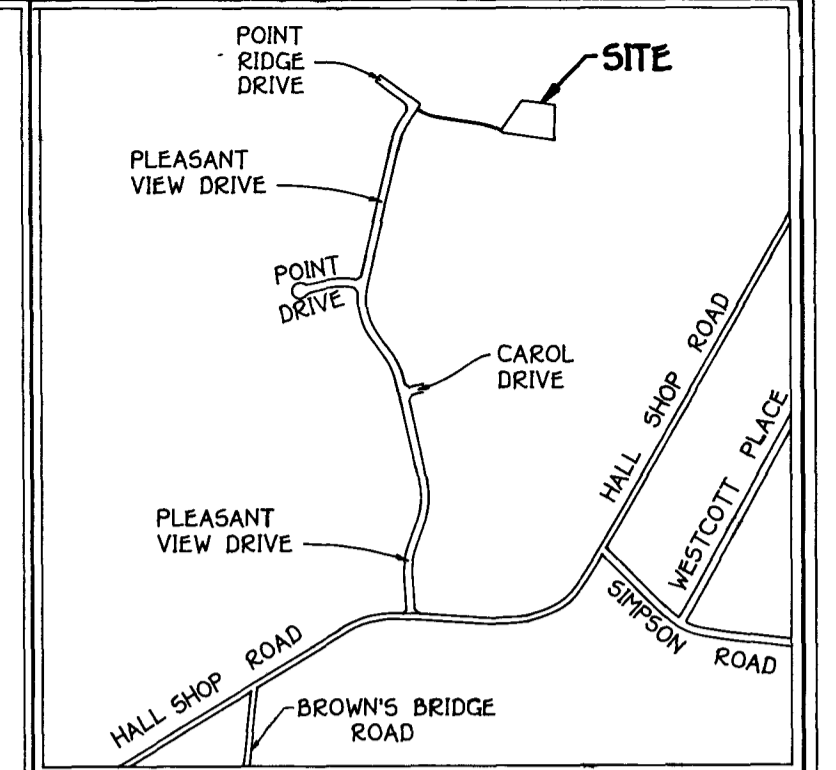
- 1. Length - minimum of 50' (*30' for single residence lot).
2. Width - 10' minimum, should be flared at the existing road to provide a turning radius.
3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. **The plan approval authority may not require single family residences to use geotextile.
4. 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.
5. 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 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe shall be sized according to the drainage. When the G.C. is located at a high spot and has no drainage to convey a pipe will be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
6. 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.

STABILIZED CONSTRUCTION ENTRANCE - 2 NOT TO SCALE

FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS 20 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MARYLAND 21042 (410) 461 - 2855



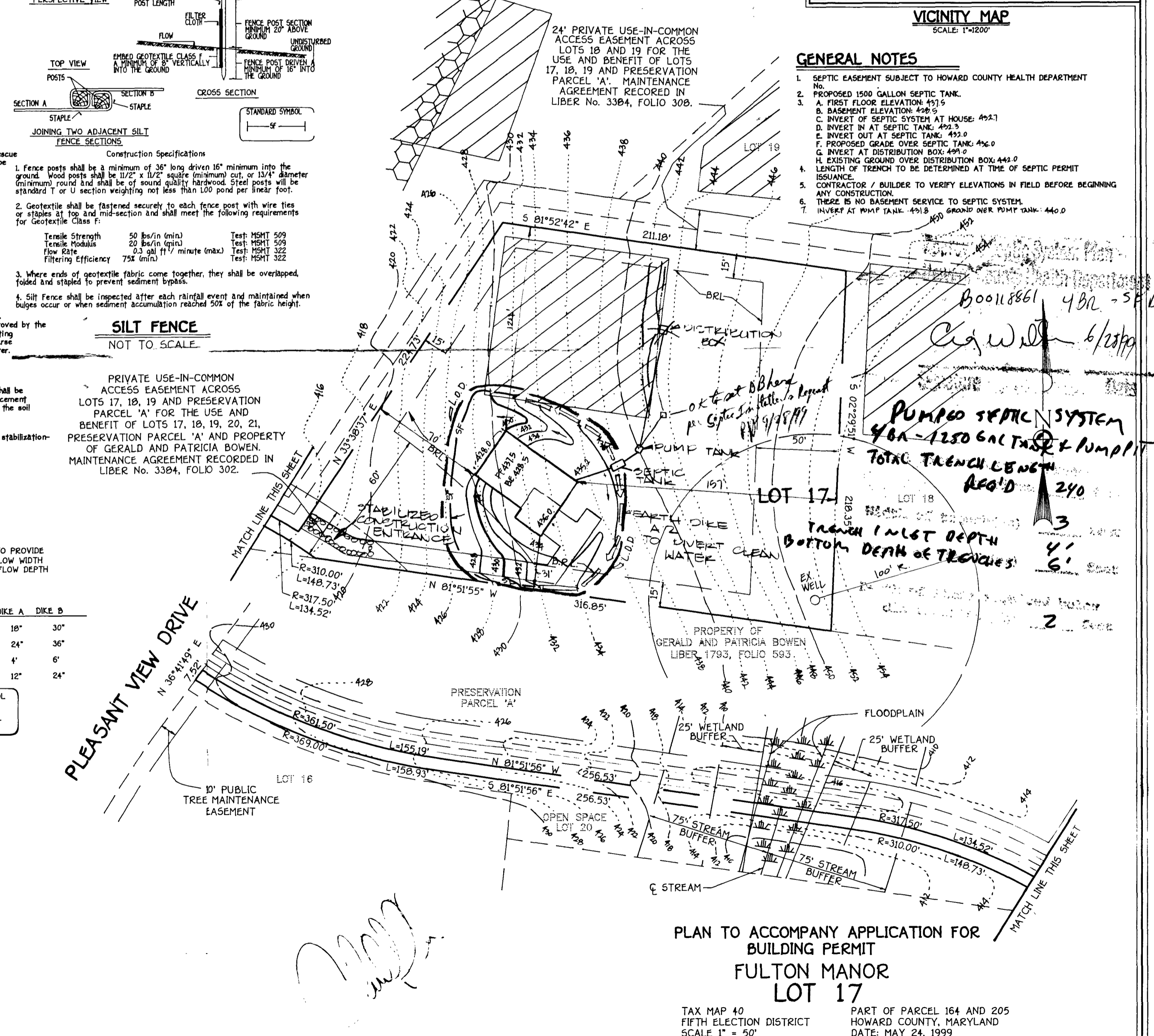
DETAIL SCALE: 1" = 30'



VICINITY MAP SCALE: 1"=1200'

GENERAL NOTES

- 1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
2. PROPOSED 1500 GALLON SEPTIC TANK.
3. A. FIRST FLOOR ELEVATION: 428.5 B. BASEMENT ELEVATION: 428.5 C. INVERT OF SEPTIC SYSTEM AT HOUSE: 427.7 D. INVERT AT SEPTIC TANK: 423.3 E. INVERT OUT AT SEPTIC TANK: 422.0 F. PROPOSED GRADE OVER SEPTIC TANK: 426.0 G. INVERT AT DISTRIBUTION BOX: 429.0 H. EXISTING GROUND OVER DISTRIBUTION BOX: 442.0 I. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
6. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.
7. INVERT AT PUMP TANK: 421.8 GROUND OVER PUMP TANK: 440.0



PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT FULTON MANOR LOT 17 TAX MAP 40 FIFTH ELECTION DISTRICT SCALE 1" = 50' PART OF PARCEL 164 AND 205 HOWARD COUNTY, MARYLAND DATE: MAY 24, 1999

APPLICATION

PERCOLATION TESTING

A 49667 F

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT FIFTH

DATE SEPTEMBER 13,

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER OTHA D. UPCHURCH Alicia Holmes

ADDRESS 457 OLD ORCHARD CIRCLE PHONE _____

AGENT OR PROSPECTIVE BUYER SALE AS OWNER

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION UPCHURCH PROPERTY (FULTON MAJOR LOT NO. 17)

ROAD AND DESCRIPTION 12776 HALL SHOP ROAD (12374 PLEASANT VIEW DRIVE)

HIGHLAND MARYLAND

**NO PERMIT SIGNED
AND RETURNED 6-29-88
Jewell B. Smith**

TAX MAP 40 PARCEL # 164 & 205

SIZE OF LOT 59,500 # 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 _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

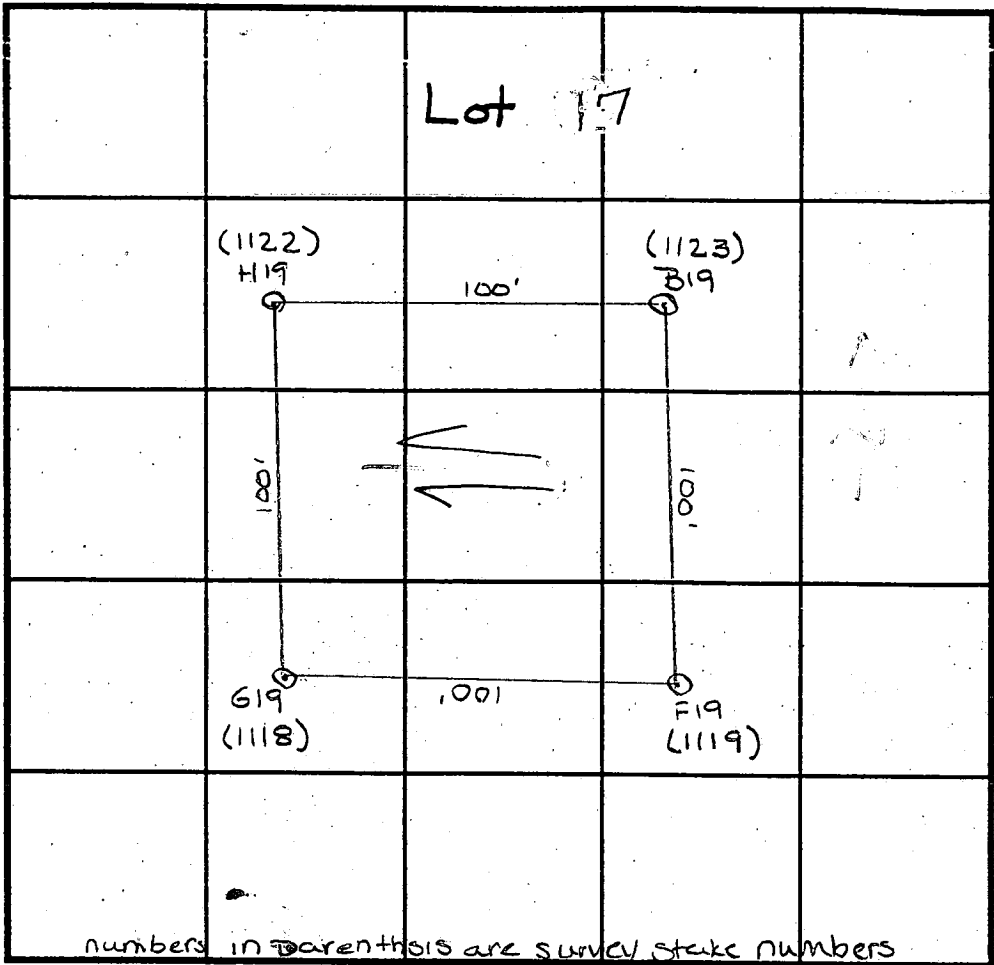
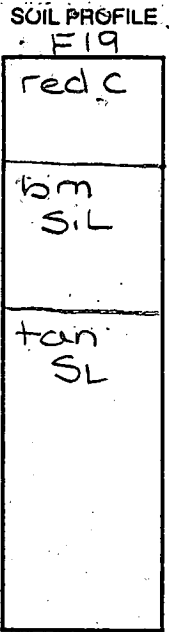
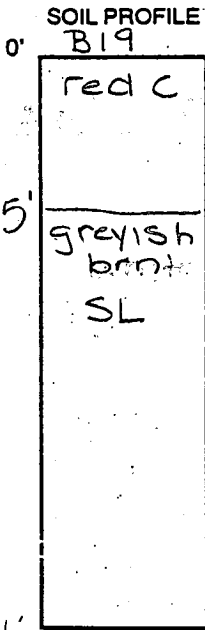
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

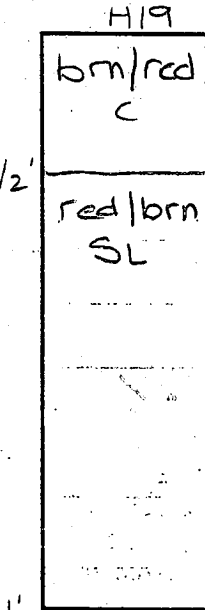
THIS IS NOT A PERMIT

A49667 F
COUNTY #

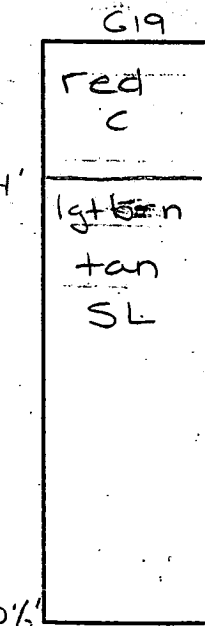
Lot 17



numbers in parenthesis are survey stake numbers
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

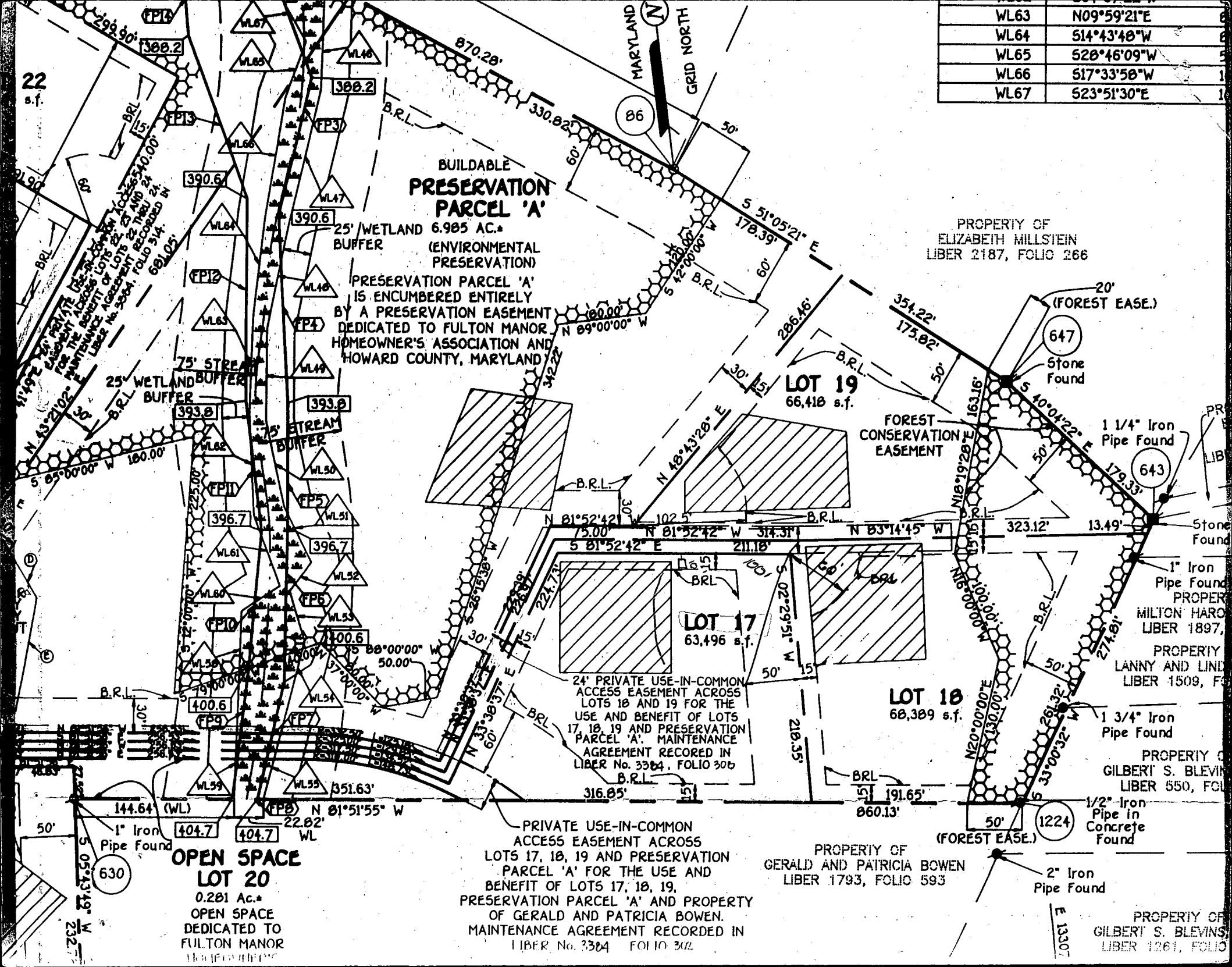


DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/22/93	B19	5' VII'	10:55 ³⁰	10:58	10:58	11:20	22 min
	H19	Visual to 11'					OK
	G19	4' V10 1/2'	12:29 ¹⁵	12:29 ⁴⁵	12:29 ⁴⁵	12:33	3 1/4 min
	F19	4' V10'	12:24 ⁴⁵	12:25 ³⁰	12:25 ³⁰	12:26 ³⁰	1 min
		8 1/2' V10'	12:24 ³⁰	12:25 ¹⁵	12:25 ¹⁵	12:26 ¹⁵	1 min



REMARKS _____
 TYPE OF SOIL Chester
 TESTED BY Amy McMillen / Craig Williams ALSO PRESENT OLAN Ketterman
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 min TRENCH WIDTH 3
 INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 6 SQ. FT./BEDROOM 180'

WL63	N09°59'21"E	6
WL64	S14°43'48"W	8
WL65	S28°46'09"W	5
WL66	S17°33'58"W	1
WL67	S23°51'30"E	1



**BUILDBLE
PRESERVATION
PARCEL 'A'**

25' WETLAND 6.985 AC.±
BUFFER
(ENVIRONMENTAL
PRESERVATION)
PRESERVATION PARCEL 'A'
IS ENCUMBERED ENTIRELY
BY A PRESERVATION EASEMENT
DEDICATED TO FULTON MANOR
HOMEOWNER'S ASSOCIATION AND
HOWARD COUNTY, MARYLAND

PROPERTY OF
ELIZABETH MILLSTEIN
LIBER 2187, FOLIO 266

LOT 19
66,418 s.f.

LOT 17
63,496 s.f.

LOT 18
60,389 s.f.

**OPEN SPACE
LOT 20**

0.281 Ac.±
OPEN SPACE
DEDICATED TO
FULTON MANOR
HOMEOWNER'S ASSOCIATION

PRIVATE USE-IN-COMMON
ACCESS EASEMENT ACROSS
LOTS 17, 18, 19 AND PRESERVATION
PARCEL 'A' FOR THE USE AND
BENEFIT OF LOTS 17, 18, 19,
PRESERVATION PARCEL 'A' AND PROPERTY
OF GERALD AND PATRICIA BOWEN.
MAINTENANCE AGREEMENT RECORDED IN
LIBER No. 3384 FOLIO 302

PROPERTY OF
GERALD AND PATRICIA BOWEN
LIBER 1793, FOLIO 593

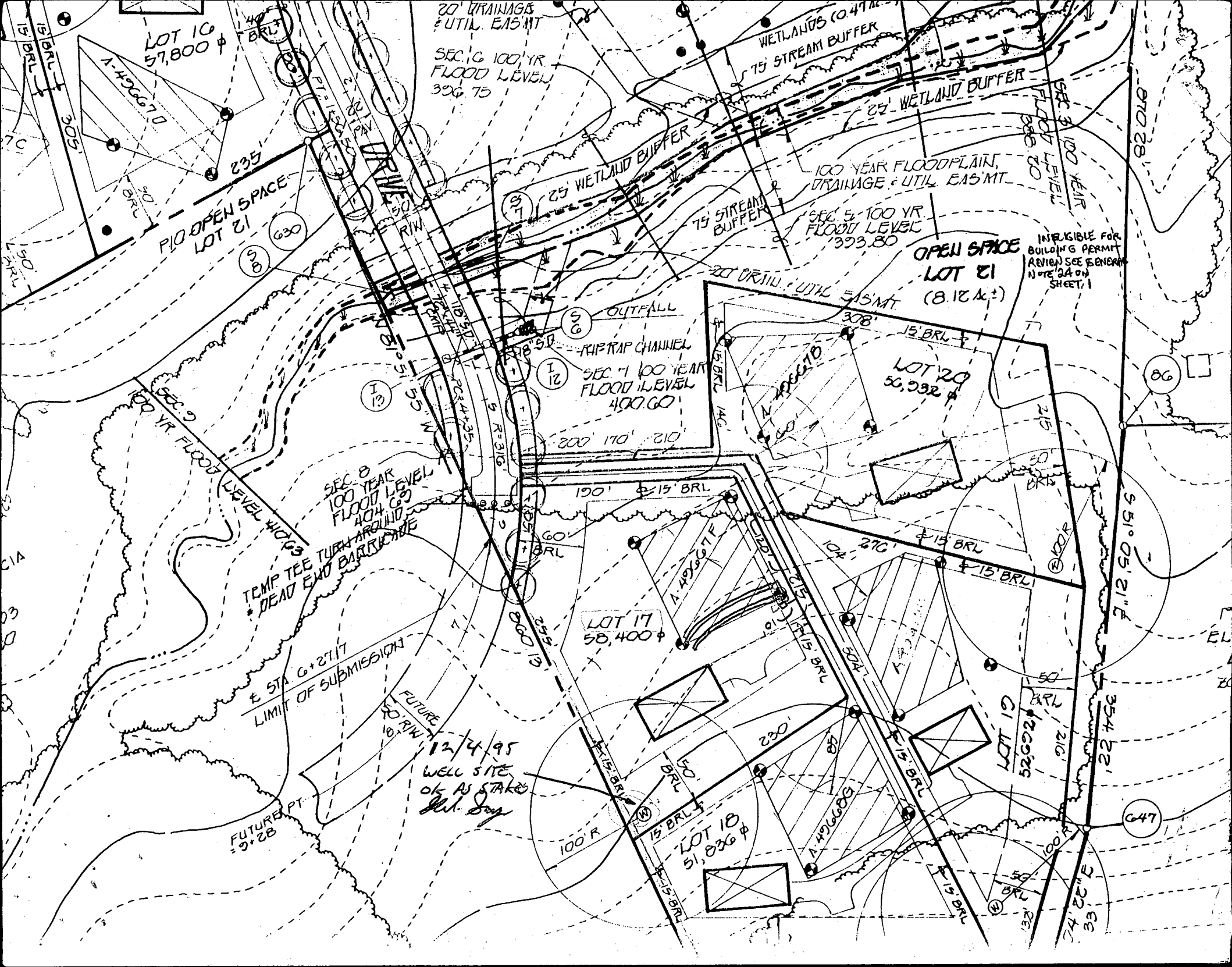
PROPERTY OF
GILBERT S. BLEVINS,
LIBER 1261, FOLIO

22
s.f.

630

1224

E 13307



LOT 16
57,800

20' DRAINAGE & UTIL. EASMT
SEC. 6 100 YR FLOOD LEVEL
396.75

WETLANDS (0.47 AC)
75' STREAM BUFFER

PIG OPEN SPACE
LOT 21

100 YEAR FLOODPLAIN,
DRAINAGE & UTIL. EASMT

SEC. 5 100 YR FLOOD LEVEL
393.80

OPEN SPACE
LOT 21
(8.12 Acs)

INTERFERIBLE FOR
BUILDING PERMIT
REVIEW SEE GENERAL
NOTE 24 ON
SHEET 1

SEC. 7 100 YEAR FLOOD LEVEL
400.60

SEC. 8 100 YEAR FLOOD LEVEL
404.63

TEMP TEE TURN AROUND
DEAD END BARRIER

LOT 17
58,400

LOT 20
50,932

STA. 6+27.17
LIMIT OF SUBMISSION

LOT 17
58,400

LOT 18
51,826

LOT 19
51,518

LOT 22
52,092

12/4/95
WELL SITE
OK AS STAKES
[Signature]

G47

C1 0153 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. COUNTY NUMBER A 49667

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

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 12 9 85

Depth of Well 22 185 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-93-0210

OWNER FISHER COLLINS & CARTER STREET OR RFD POINT RIDGE DRIVE TOWN Fulton SUBDIVISION FULTON MANOR SECTION LOT 17

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Sandy Sandstone, MICKA, and Sandstone MICKA.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), NO. OF BAGS 9, NO. OF POUNDS 260, GALLONS OF WATER 54, DEPTH OF GROUT SEAL 40 ft.

CASING RECORD: MAIN CASING TYPE (PL), Nominal diameter top (main) casing 6, Total depth of main casing 48 ft.

OTHER CASING (if used) section with diameter and depth fields.

SCREEN RECORD: screen type or open hole (HO), insert appropriate code below.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (N), CIRCLE APPROPRIATE LETTER (A, E, P).

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04.

TYPE (MWD/MSD/MGD), DRILLERS LIC. NO. 116, Driller Signature: Ralph Moore

DRILLERS SIGNATURE (Ralph E. Moore), LIC. NO. 117, SITE SUPERVISOR (signature)

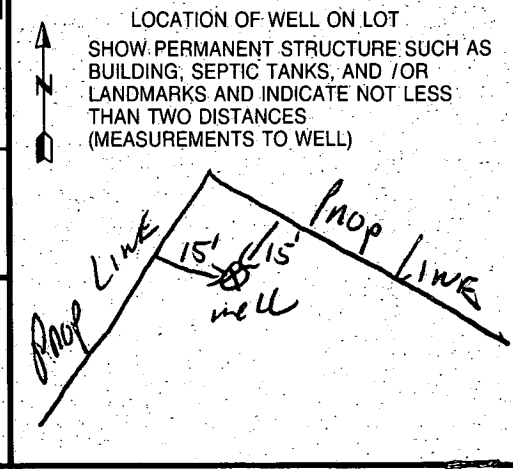
DEPTH (nearest ft.) table with columns 1-51 and rows A-E. Includes slot size and diameter of screen information.

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.), W Q (74-76), TELESCOPE CASING LOG INDICATOR

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 1.5, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL BEFORE PUMPING 30 ft, WHEN PUMPING 40 ft, TYPE OF PUMP USED (S) submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (+) above, LAND SURFACE (2) (nearest foot).



B 1 **0640** SEQUENCE NO (MDE USE ONLY) STATE OF MARYLAND PERMIT TO DRILL WELL STATE PERMIT NUMBER **HD-93-0210**

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) please print or type ⁷⁰ fill in this form completely ⁷⁹

Date Received (APA) **092095**

OWNER INFORMATION

FISHER COLLINS CARTER
 15 Last Name 34 Owner First Name
9121 BALF WATL PIKE
 36 Street or RFD 55
ELLICOTT CITY MD 21043
 57 Town 70 State 72 Zip 76

DRILLER INFORMATION CIRCLE: MSD/MGD/MWD

RALPH MAYNE **715**
 77 License No. 80
RALPH MAYNE (well drilling)
 Firm Name
9120 Brown Church Rd Mt. Airy
 Address
Ralph Mayne 9/14/95
 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** **Jettied & DRIVEN**

AIR-ROtary **AIR-PERcussion** **ROtary** (Hydraulic Rotary)

CABLE **REVerse-ROtary** **DRive-POINT**

other _____

REPLACEMENT OR DEEPEMED 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 DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52.

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER _____ **G A P** _____

FORCE **G S** **WRITE INITIALS IN BOX** **PERMIT No.** **HD-93-0210**

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

B 3 LOCATION OF WELL

HOWARD **WPCARCHPNOA**
 8 COUNTY 21
 23 SUBDIVISION 42
 SECTION **7** LOT **1D**
 44 46 48 50
HIGHLAND
 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **2** **M I**
 73 76 77 78

B 4

1 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

2 NEAR WHAT ROAD: **Point RIDGE DR.**

3 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): **NORTH**

4 DISTANCE FROM ROAD: _____ ENTER FT OR MI _____

TAX MAP: _____ BLK: _____ PARCEL _____

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD A-49667

COUNTY NAME COUNTY NO

STATE SIGNATURE _____ INSERT S _____ 41

DATE ISSUED **12 05 95** **Alan J. Day** **12-5-95**
 43 48 CO SIGNATURE EXP. DATE

NORTH GRID **490000** EAST GRID **0817000**
 50 55 57 63

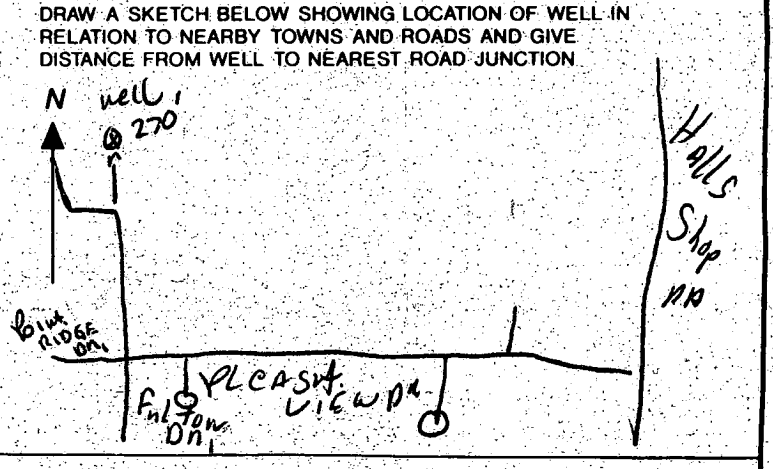
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- well**
-
-

WRITE THE BOX NUMBER FROM THE MAP HERE

8107
490



B 1 0640

SEQUENCE NO. (MDE USE ONLY)

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

STATE PERMIT NUMBER

HD-93-0210

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

Date Received (APA)

092095

OWNER INFORMATION

FISHER COLLINS CARTER

9121 BALTIMORE PIKE

ELLICOTT CITY MD 21043

DRILLER INFORMATION

CIRCLE: MSD/MGD/MWD

RALPH MAYNE 715

Ralph Mayne (well drilling)

9120 Brown Church Rd Mt. Airy

Ralph Mayne 9/14/95

B 3

LOCATION OF WELL

HOWARD

WPC CHURCH PROP

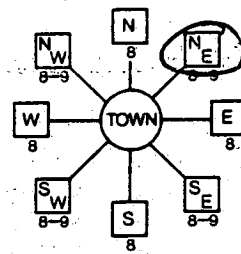
SECTION 44 46 LOT 48 50

HIGHLAND

MILES FROM TOWN (enter 0 if in town) 2 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Point Ridge Dr

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

270

DISTANCE FROM ROAD ENTER FT OR MI Ft

TAX MAP: BLK: PARCEL

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD

A-49667

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED 12-05-95

NORTH GRID 490000 EAST GRID 0817000

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

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

REPLACEMENT OR DEEPEMED WELLS

(CIRCLE APPROPRIATE BOX)

- 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 DEEPEM AN EXISTING WELL

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

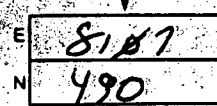
APPROP. PERMIT NUMBER GAP

FORCE 65 PERMIT No. HD-93-0210

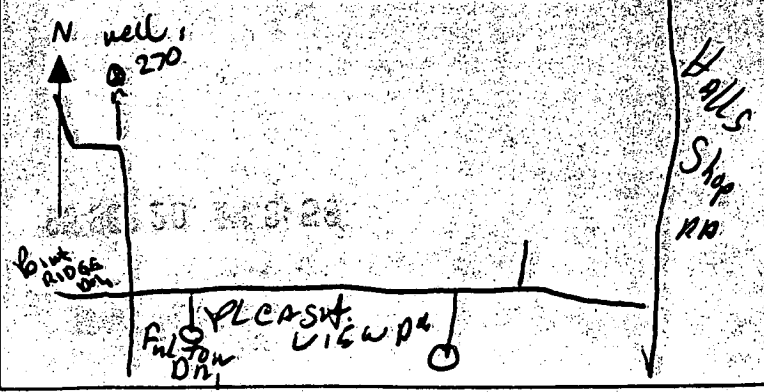
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1 well

WRITE THE BOX NUMBER FROM THE MAP HERE



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



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

GENERAL NOTES:

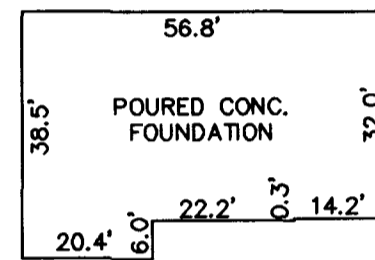
- 1) THIS PLAT IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, 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 IDENTIFICATION 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 0037 B, EFFECTIVE DATE: DEC. 4, 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 (±).

WETLANDS METES AND BOUNDS

SYMBOL	BEARING & DISTANCE	
WL55	N19°42'21"E	81.01'
WL59	N09°35'33"E	48.61'

FLOODPLAIN METES AND BOUNDS

SYMBOL	BEARING AND DISTANCE		SYMBOL	BEARING AND DISTANCE	
FP7	S 20°50'25" W	105.53'	FP9	N 14°58'10" E	117.36'



DETAIL
1"=30'

PLEASANT VIEW DRIVE

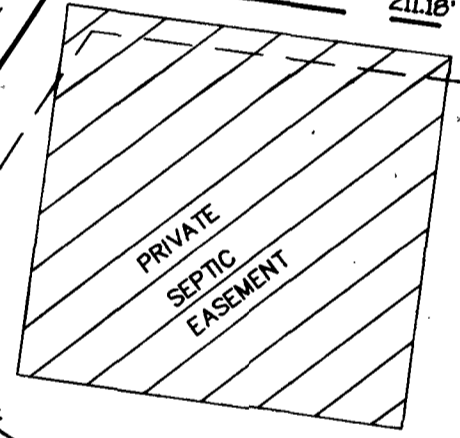


10' PUBLIC TREE MAINTENANCE EASEMENT

N 81°51'56" W 256.53'
S 81°51'56" E 256.53'

OPEN SPACE LOT 20

24' PRIVATE USE-IN-COMMON ACCESS EASEMENT ACROSS LOTS 18 AND 19 FOR THE USE AND BENEFIT OF LOTS 17, 18, 19 AND PRESERVATION PARCEL 'A'. MAINTENANCE AGREEMENT RECORDED IN LIBER No. 3384, FOLIO 308



PRIVATE SEPTIC EASEMENT

LOT 17

PRIVATE USE-IN-COMMON ACCESS EASEMENT ACROSS LOTS 17, 18, 19 AND PRESERVATION PARCEL 'A' FOR THE USE AND BENEFIT OF LOTS 17, 18, 19, 20, 21, PRESERVATION PARCEL 'A' AND PROPERTY OF GERALD AND PATRICIA BOWEN. MAINTENANCE AGREEMENT RECORDED IN LIBER No. 3384, FOLIO 302

LOT 19

House footprint changed considerably, but should not adversely affect well/septic
LOT 18

FULTON MANOR
LOTS 4 thru 42 And
Preservation Parcel 'A'
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT REF. 11570
TOP OF FOUNDATION ELEV. = 437'±

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
ENTENNA SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PKE
ELLCOTT CITY, MARYLAND 21042
4439 481 - 2855

STATE OF MARYLAND
CHARLES J. CROVIA, JR.
No. 10763
REGISTERED
PROFESSIONAL LAND SURVEYOR

Charles J. Crovia, Jr.
PROFESSIONAL LAND SURVEYOR
REG. 10763

9/24/99
DATE

HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 9/2/99
FINAL LOCATION:
BOUNDARY SURVEY:

SCALE: 1"=50'
DATE: 9/2/99
DRAWN BY: L.P.F.
CHECKED BY: C.C.
PROJECT No.: 61276

Oct 14
Anytime

10/13
Roh

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3325-S Ellicott Mills Drive
Ellicott City, MD 21043
410-313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation X Receipt # _____
 Date 10/14/99
 Name of Installer Carroll Water Systems Inc Telephone 410-576-5700
 License Number P.F. 07K Certified Well Pump Installer X Well Driller _____ Registered Number _____
 Name of Property Owner ALTERI Anna Telephone 410-715-4500
 Subdivision Subdiv 17/01/01 Lot # 17 Well Tag # HO-93-0210
 Site Address 10374 Pleasant View Dr

Pump Motor Pitless Adapter
 1. Type 1. Horsepower _____ 1. Make _____
 a. Deep well jet _____ 2. RPM _____ 2. Model # _____
 b. Shallow well jet _____ 3. Voltage _____ 3. Depth _____
 c. Submersible X a. 110 _____
 2. Make Carroll b. 220 _____
 3. Model # 1100/12
 c. Capacity _____ GPM
 6. Pump exceeds well capacity Yes _____ No X
 6. If Yes, is low pressure cutoff switch installed? Yes _____ No X
 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____

Tank Piping Well data
 1. Capacity 82 1. Type Plastic 1. Depth 185 ft.
 2. Pressure relief valve? Yes 2. Size 1" 2. Yield 12 GPM
 3. NSF and/or SOCA Code approved Yes 3. Static water level _____ ft.
 4. Depth of supply line 4' 4. Will water supply be disinfected by installer? All

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.
 10/14/99-WPIOR-SRH
 Signature of Applicant: _____
 Date: 10/14/99

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.