

C/O/ASAP
3/28/95
C.S.P.

3/27 O.P.C.O. CH+VR

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

05-419208

P 50590

A 49668P

DISTRICT 5th

DATE 3-21-95

DATE SYSTEM APPROVED 3-28-95

INSPECTOR C. Bal

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 313-2640

INDEXED

Adamson Plumbing & Heating IS PERMITTED TO INSTALL ALTER

ADDRESS 7825 McCellan Avenue, Boonsboro, Maryland 21713 PHONE 301-416-3968

SUBDIVISION Fulton Manor LOT 30 ROAD 12351 Pleasant View Drive

PROPERTY OWNER Dharmesh Patel

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 187

TRENCHES - Trench to be 2 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 6 1/2 feet below original grade. Effective area begins at 2 feet below original grade. 4 1/2 feet of stone below distribution pipe.

LOCATION - Place distribution box 125 feet up the right lot line (250.00') and 115 feet off that same lot line when facing the lot from Pleasant View 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. OK 1/27/95 DCS

PLANS APPROVED BY Amy McMillen REVISED _____ DATE 1/10/95

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

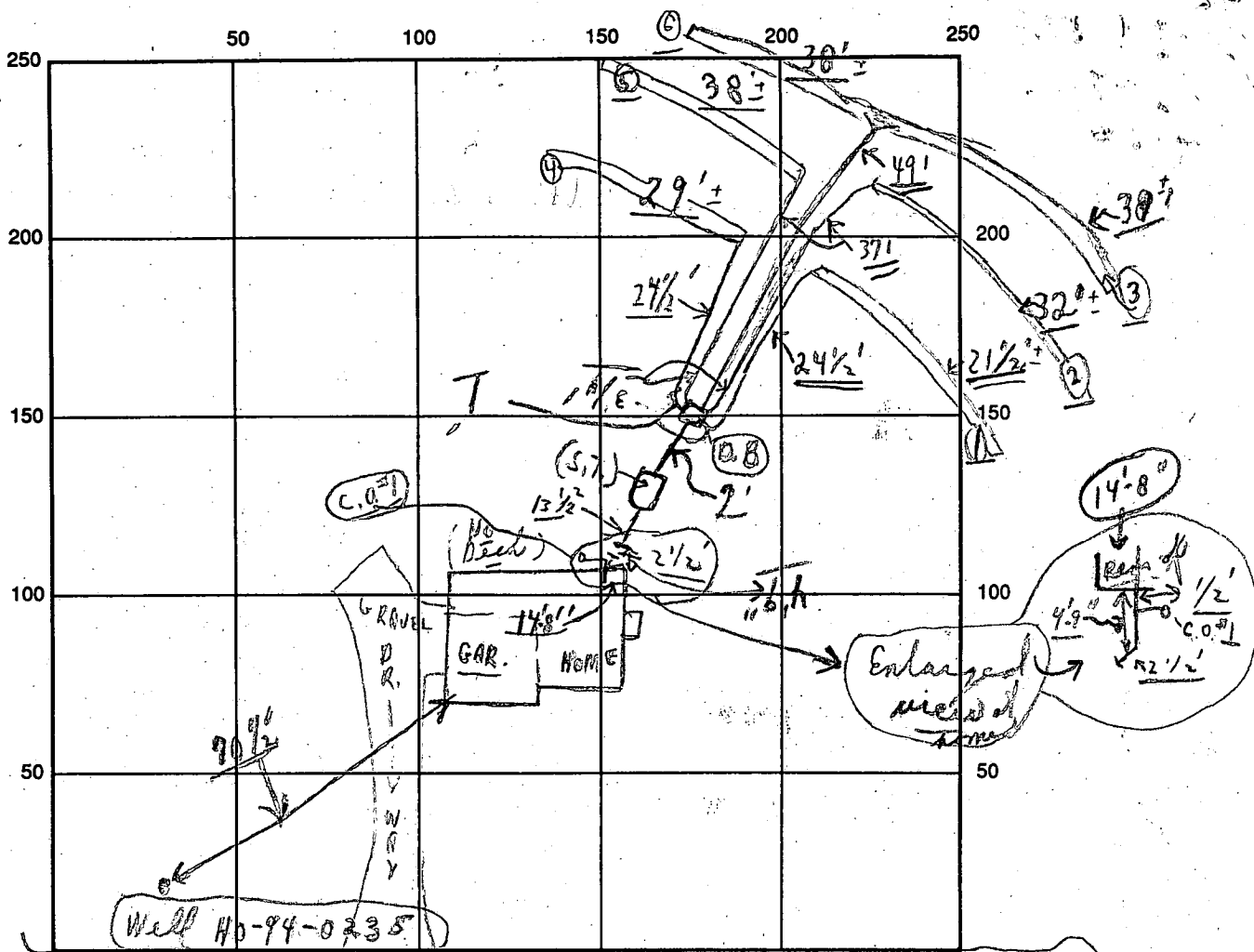
PERMIT VOID AFTER TWO YEARS

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**

A
49668P



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK Pleasant View Dr. S.T. OK C.O.#1 OK

DISTRIBUTION BOX LEVEL OK (Baffles)

DRAIN FIELD/TITLE DEPTH 6 1/2' to 7' TRENCH WIDTH 2 FT. INLET DEPTH 2 FT.

EFFECTIVE GRAVEL DEPTH 4 1/2' FT. TOTAL LENGTH 196' FT. 2 1/2' 32' 39' 9 1/2'

NUMBER OF TRENCHES 6 ONE SIDEWALL/BOTTOM AREA 882 SQ. FT. 29' 38' 38' 105'

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 882 SQ. FT. (TO DE)

REMARKS: 3/27/95 tested
195' of trenches ok for return, etc. ok to cover in house
ok for last trench to build; other individual lines ok to cover
trenches except ends of lines' areas to pond in both.
 FOR 3/28/95 PLEASE CHECK-PIPES FROM DIST. BOX TO EACH TRENCH AND ENDS Chd + V.R.
OF TRENCHES ONLY; call 3/28/95 - ok to cover all work - Chd
3/28 No W.P.I. ← (Chd + V.R.)
3/29 No W.P.I. ← (Chd) 3/28/95
 DATE SYSTEM APPROVED 3/28/95 INSPECTOR Charles Bryan Stuebel, Jr.
only

APPLICATION

PERCOLATION TESTING

A 49668P

P _____

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

DISTRICT FIFTH

DATE SEPTEMBER 13,

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 ~~OTHA D. UPCHURCH~~ Patel

ADDRESS 457 OLD ORCHARD CIRCLE PHONE _____

PROSPECTIVE BUYER SALE AS OWNER

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION UPCHURCH PROPERTY (FULTON MAJOR LOT NO. 30

ROAD AND DESCRIPTION 12276 HALL SHOP ROAD (12351 ~~PL~~ PLEASANT VIEW DRIVE)
HIGHLAND MARYLAND

TAX MAP 40 PARCEL # 16A & 205

SIZE OF LOT 53,785^{sq} 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 _____

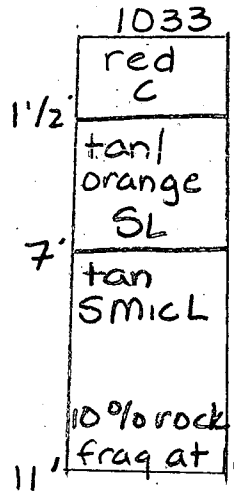
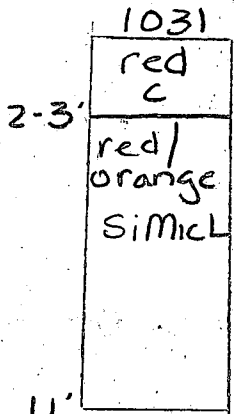
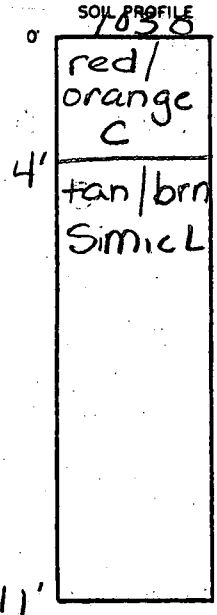
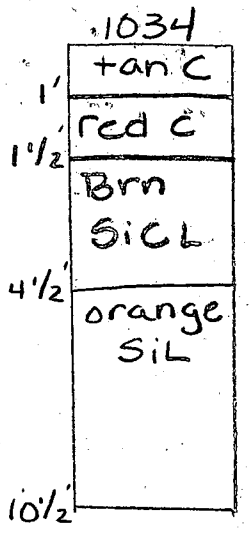
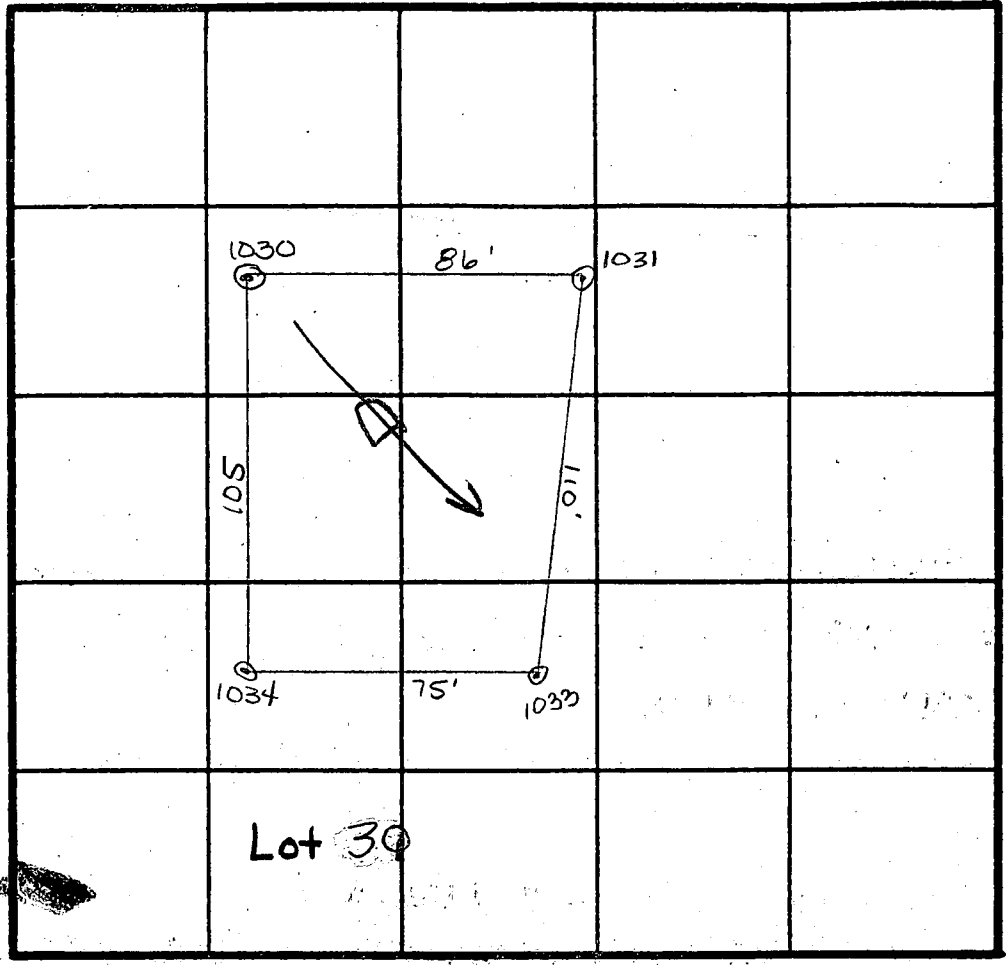
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 1/23/95
Serial # 57807

HD-216

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | MIN TIME |
|----------|----------|-----------|-------------|--------------------|--------------------|------|----------|
| | | | START | STOP | START | STOP | |
| 10/15/83 | 1031 | 2 VII | 2:38 | 2:40 | 2:40 | 2:44 | 4 |
| | 1030 | Visual | only to 11' | | ~~~~~ | | OK |
| | 1033 | 3 VII | 2:48 | 2:49 | 2:49 | 2:51 | 2 |
| | 1034 | 4 VII 1/2 | 3:15 | 3:19 | 3:19 | 3:27 | 8 |
| | | 7 VII 1/2 | 3:09 | 3:11 ³⁰ | 3:11 ³⁰ | 3:14 | 2 1/2 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS _____

TYPE OF SOIL Manor

TESTED BY Amy McMillen/Craig Williams ALSO PRESENT Dian Ketterman

trench width 2 inlet depth 2 1/2 max bottom depth 6 1/2 sq ft/bottom 210

MATCH LINE - SEE SHEET 2

WETLANDS (0.18 Ac.±)

N 36° 41' 42"

OPEN SPACE

LOT 28

(8.40 Ac.±)

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

75' STREAM BUFFER

25' WETLAND BUFFER

25' WETLAND BUFFER

20' OPEN SPACE TO BE DEDICATED TO HOMEOWNERS ASSOCIATION

LOT 30

53,500 ±

LOT 29

47,000 ±

A-496680

A-49668P

RIP-RAP CHANNEL
20' DRAINAGE AND UTILITY EASEMENT
18" S.O.

OUTFALL

DRIVE

20' OPEN SPACE DEDICATED TO

OPEN

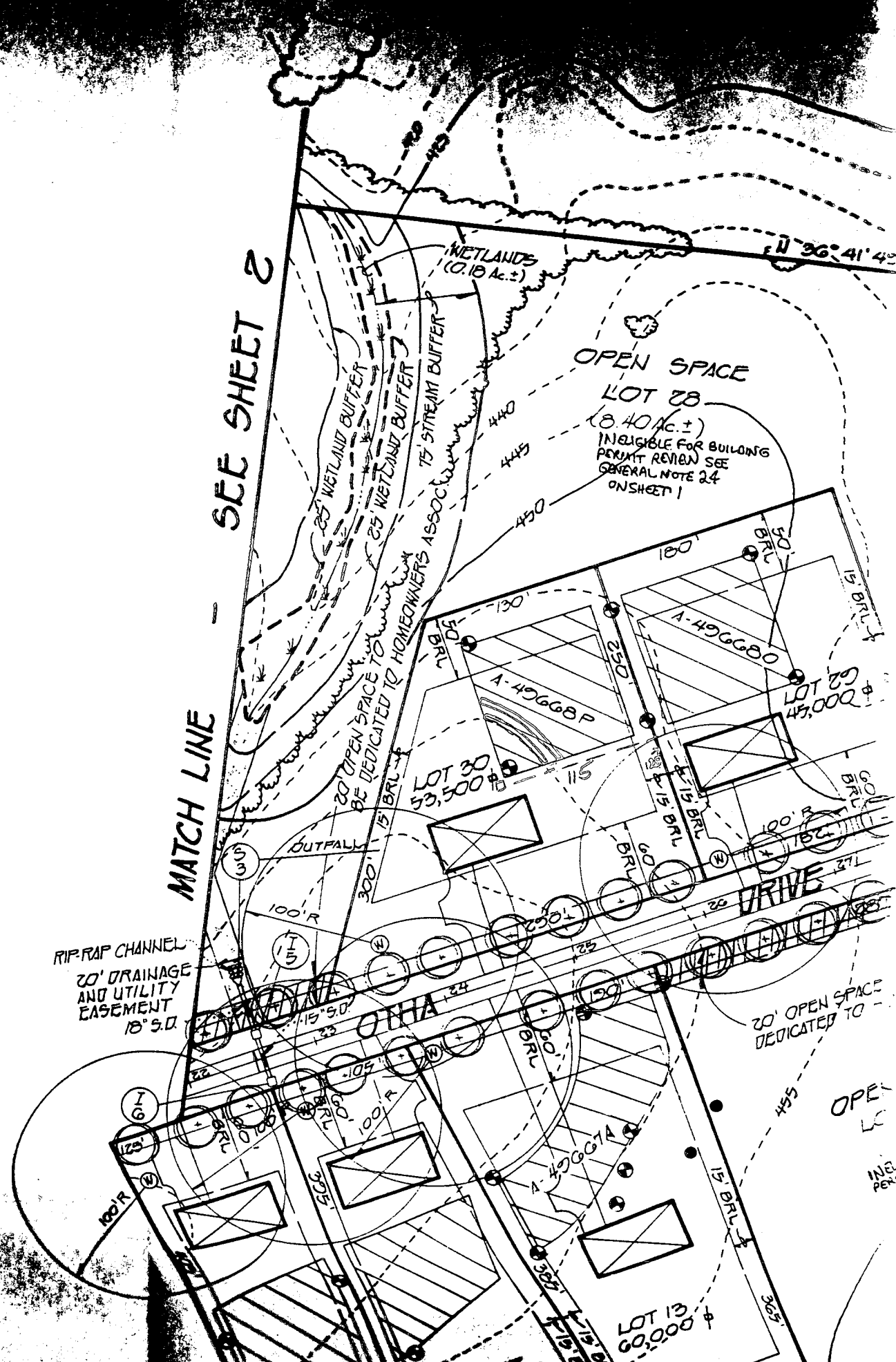
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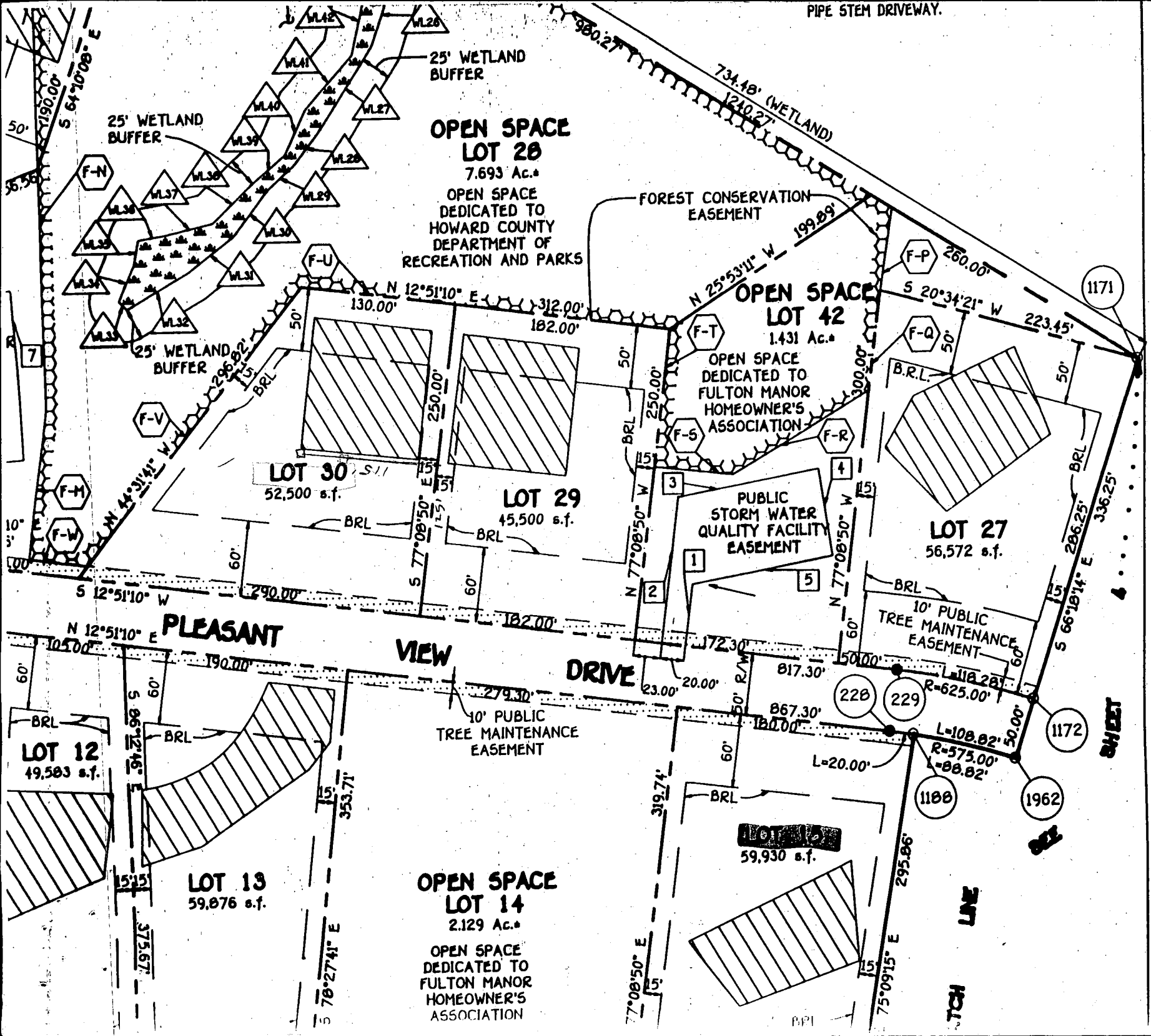
LOT 13

60,000 ±

LOT 12

20 ±





**OPEN SPACE
LOT 28**

7.693 Ac.±

OPEN SPACE
DEDICATED TO
HOWARD COUNTY
DEPARTMENT OF
RECREATION AND PARKS

**OPEN SPACE
LOT 42**

1.431 Ac.±

OPEN SPACE
DEDICATED TO
FULTON MANOR
HOMEOWNER'S
ASSOCIATION

**OPEN SPACE
LOT 14**

2.129 Ac.±

OPEN SPACE
DEDICATED TO
FULTON MANOR
HOMEOWNER'S
ASSOCIATION

LOT 30
52,500 s.f.

LOT 29
45,500 s.f.

LOT 27
56,572 s.f.

LOT 12
49,503 s.f.

LOT 13
59,076 s.f.

LOT 15
59,930 s.f.

**PLEASANT
VIEW
DRIVE**

**LOT
17**

1171

1172

1180

1962

FOREST CONSERVATION
EASEMENT

PUBLIC
STORM WATER
QUALITY FACILITY
EASEMENT

10' PUBLIC
TREE MAINTENANCE
EASEMENT

25' WETLAND
BUFFER

25' WETLAND
BUFFER

25' WETLAND
BUFFER

734.48' (WETLAND)

50'

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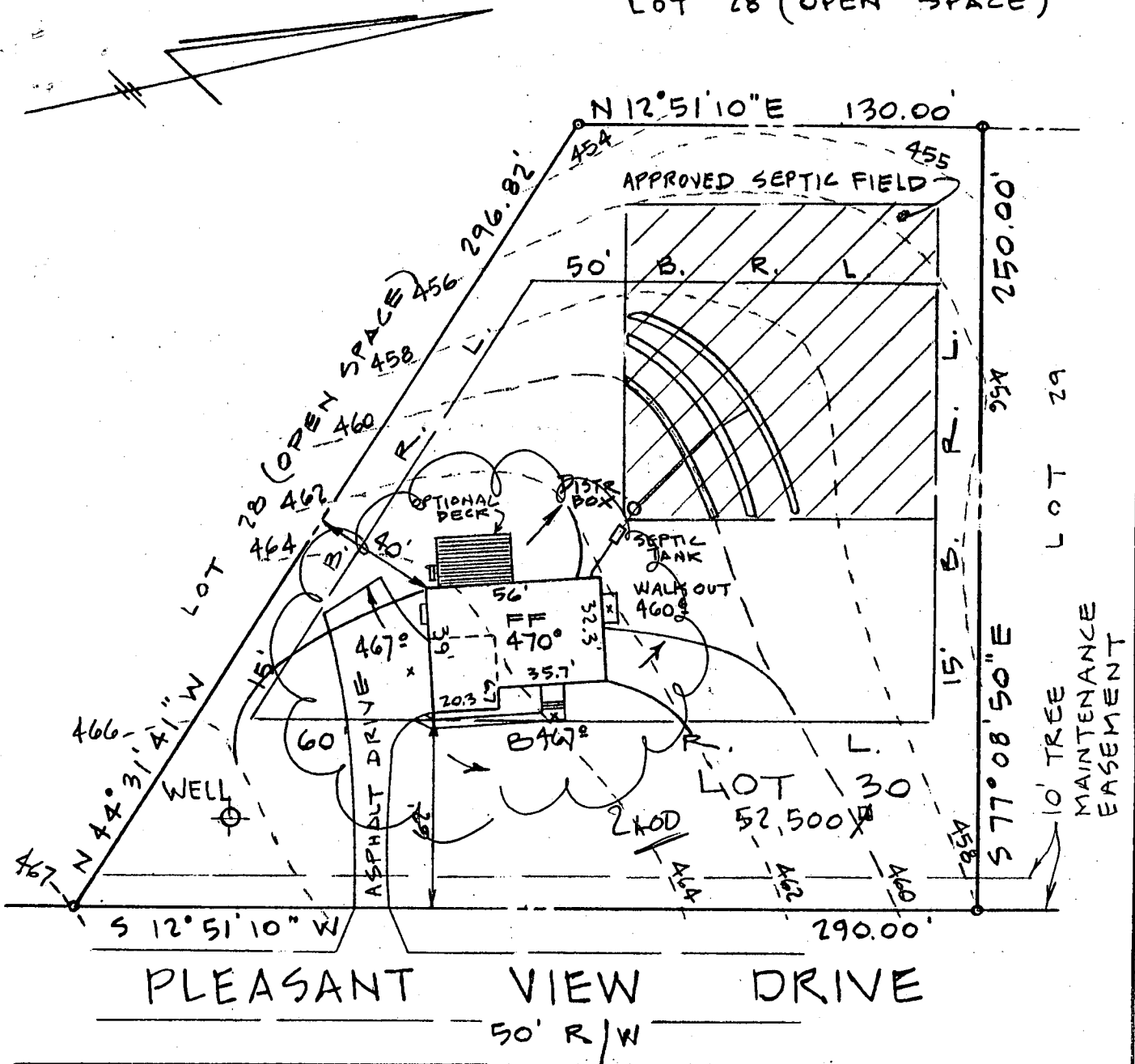
15'

15'

50'

50'

LOT 28 (OPEN SPACE)



PLEASANT VIEW DRIVE
50' R/W

SEPTIC DATA

| | |
|-----------------|-------|
| HOUSE FIN. FL. | 470° |
| " BSM'T | 461° |
| " SEWER INV. | 459° |
| SEPTIC FIN. GR. | 461.5 |
| TANK INV. IN | 459.4 |
| " INV. OUT | 459.1 |
| DISTR. FIN. GR. | 461° |
| BOX INV. IN | 459° |
| WATER EX. GR. | 466.2 |
| WELL PROP. GR. | " |
| TRENCH INV. IN | 458° |

NOTE: TRENCH LENGTH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.

Approved Septic System Plan
Howard County Health Department

Diary M. Mulla 1/23/95
Signature Date

ENGINEER

JOHN L. SCHNEIDER, P.E.
100 N. ROLLING RD.
CATONSVILLE, MD. 21228
301-744-1945

GRADING STUDY

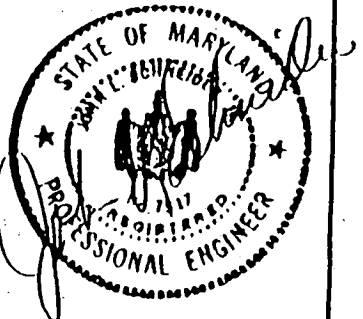
LOT 30 "FULTON MANOR"

5th ELECTION DISTRICT

HOWARD COUNTY - MD.

SCALE: 1" = 50'

DATE: 1/3/95





HOWARD COUNTY HEALTH DEPARTMENT

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

May 29, 1996

Mr. Ralph Mayne
Ralph Mayne Well Drilling
9120 Brown Church Road
Mt. Airy, MD 21771

RE: Well Permit Application
Upchurch Property, Lot 30
Pleasant View Drive

Dear Mr. Mayne:

This is to advise that additional information is requested prior to a decision about issuance of the above referenced application for a replacement well.

In a discussion in this office with several involved parties, it was agreed that further evaluation of the existing supply was the appropriate course of action, the attached letter to Mr. Patel, dated May 1, 1996 summarizes that agreement.

Once the condition of the well is confirmed, it is likely that the logical course of action will be less drastic than replacement of the well.

Very truly yours,

Craig Williams
Craig Williams, Program Director
Water and Sewerage Program

6/18/96 AT SITE, PATOL PRESENT,
DRILLER DISCUSSED NATURE OF
SEDIMENT - BLACK GAIT AS
OPPOSED TO BROWN SILT -
CW:vrk SUGGESTED CONDITION ATTRIBUTABLE
cc: Karl Collins - Fisher Collins & Carter
Chris Carlisle - Jamestown Builders
Dave Kerr TO SOFT SPOT IN ROCK,
File NOT A SEAM THAT COULD
Mr. Dharmash Patel BE SCREENED,

Enclosure: REPLACEMENT WELL PERMIT
ISSUED FOR A LOCATION
15' OFF FRONT LEFT LOT CORNER (CW)

6/17/96
PATOL WISHES NO MORE
INCONVENIENCE/OUT-OF-SERVICE
TO HIS EXISTING SUPPLY,
WILL SEND HIS REQUEST
THAT A NEW WELL BE DRILLED,
OK TO ISSUE ON
THAT BASIS,



HOWARD COUNTY HEALTH DEPARTMENT

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

May 1, 1996

Mr. and Mrs. Dharmash Patel
12351 Pleasant View Drive
Fulton, MD 20759

RE: Fulton Manor, Lot #30
12351 Pleasant View Drive
Well Permit #HO-94-0235

Dear Mr. and Mrs. Patel:

On April 30, 1996, we met to discuss the continuing sediment problem you are experiencing with the above referenced water supply.

Initial conversations focused on use of sediment filters to manage the problem. However, the recommended course of action with any well contaminant problem is to attempt to correct the problem at the source.

In this case, that would involve having a licensed well driller examine the construction of the well to determine if further well development or screening would be appropriate. Once the well construction is determined to be corrected to the best possible standard, then filtration can be considered if additional treatment is needed.

Very truly yours,

Craig Williams, Program Director
Water and Sewerage Program

cc:vrk

cc: Earl Collins - Fisher Collins & Carter
Chris Carlisle - Jamestown Builders
Dave Kerr

12351 Pleasant View Dr.
Fulton, MD 20759
(301) 854-3836
18 June 1996

RECEIVED

JUN 27 1996

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

Mr. Craig Williams
Program Director
Water and Sewerage Program
Bureau of Environmental Health
Howard County Health Department
3525-H Ellicott Mills Dr.
Ellicott City, MD 21043-4544

Re: Well Permit Application for Lot 30 at Fulton Manor

Dear Mr. Williams:

On April 30, 1996, we met to discuss the continuing sediment problems that I am experiencing with my well. It was recommended to the builder that the source of the problem be investigated by the well driller. However, no action has been taken to date.

Given the extremely slow speed with which this problem is being addressed, it does not make sense to start any investigation now. Experience tells us that if any investigation is started, it may take a long time before it may be finished; during this time, the well cannot be used for normal household use because there would be more sediment coming up and because of the danger of contamination while the well is being investigated. Time is of the essence in this matter because for the entire last year we have not had potable water.

Now, the well driller would like to dig a new well. Please issue a well permit to Ralph Mayne Well Drilling.

Thank you.

Sincerely,

Dharmesh P. Patel

Dharmesh P. Patel

PERMIT ISSUED
6/18/96
HO-94-0815

INFORMATIONAL: This document is for informational purposes only. It is not intended to be used as a legal document. The information contained herein is for informational purposes only. It is not intended to be used as a legal document. The information contained herein is for informational purposes only. It is not intended to be used as a legal document.

NOTICE: This document is for informational purposes only. It is not intended to be used as a legal document. The information contained herein is for informational purposes only. It is not intended to be used as a legal document. The information contained herein is for informational purposes only. It is not intended to be used as a legal document.

| | | | |
|--|----------------------------|---|--|
| B 1 1225 | SEQUENCE NO. (DP USE ONLY) | STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type | STATE PERMIT NUMBER H0-94-0235 <small>70 fill in this form completely 79</small> |
| <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small> | | | |
| B 2 OWNER INFORMATION | | B 3 LOCATION OF WELL | |
| Date Received (APA) 101794 | | HOWARD | |
| APCHURCH PROP PART | | UPCHURCH PROP | |
| PO BOX 1371 | | ADKLAND | |
| ELLICOTT CITY MD 043 | | MILES FROM TOWN (enter 0 if in town) 2 MI | |
| DRILLER INFORMATION RALPH MAYNE 116 | | B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) NORTH ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST EAST SOUTH DISTANCE FROM ROAD 25 ENTER FT OR MI FT | |
| Ralph MAYNE (well drilling) 9120 Brown Church Rd. Mt Airy Ralph Mayne 10/13/94 | | PLEASANT VIEW DR NEAR WHAT ROAD TOWN TAX MAP: _____ BLK: _____ PARCEL _____ | |
| B 2 WELL INFORMATION | | NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL | |
| APPROX. PUMPING RATE (GAL. PER MIN.) 5 | | HOWARD A# 49668 P | |
| AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 | | COUNTY NAME COUNTY NO | |
| 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) | | STATE SIGNATURE DATE ISSUED 102494 Charles B... 10/24/95 NORTH GRID: 488000 EAST GRID: 0814000 | |
| APPROXIMATE DEPTH OF WELL 150 FEET | | SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X | |
| APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH | | SOURCES OF DRILLING WATER 1 well | |
| METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY DRIVE-POINT | | WRITE THE BOX NUMBER FROM THE MAP HERE E 810 4 N 480 88 | |
| 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) | | DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 11/6/95 grout @ 9:30 location casing 45' grout 35' well depth R/P 11/5/95 | |
| Not to be filled in by driller (OEP USE ONLY) APPROX. PERMIT NUMBER GAP | | well 25' PLEASANT VIEW DR HALLS Shop Rd | |
| FORCE CW WRITE INITIALS IN BOX PERMIT No. H0-94-0235 410-461-2855 | | | |
| SPECIAL CONDITIONS NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED = | | | |

C1 4586

SEQUENCE NO. (DENV. USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A# 49668 P

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED 010795

Depth of Well 345

PERMIT NO. H0-94-0235

OWNER: UPCHURCH PROP. PART. last name PLEASANT VIEW DR first name TOWN HIGHLAND SUBDIVISION UPCHURCH SECTION LOT 30

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

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Sandy Sandstone, MICKA, Sandstone, MICKA.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 8, NO. OF POUNDS 800, GALLONS OF WATER 48, DEPTH OF GROUT SEAL 35 ft.

CASING RECORD: casing types insert appropriate code below. Codes: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER).

MAIN CASING TYPE: PL, Nominal diameter 6 inches, Total depth of main casing 45 feet.

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

SCREEN RECORD: screen type or open hole insert appropriate code below. Codes: ST (STEEL), BR (BRASS), PL (PLASTIC), HO (OPEN HOLE), OT (OTHER).

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED.

Table for screen depth and slot size. DEPTH (nearest ft.) 43, 345. SLOT SIZE DIAMETER OF SCREEN (NEAREST INCH).

WELL HYDROFRACTURED: YES (Y) NO (N)

CIRCLE APPROPRIATE LETTER: A (WELL WAS ABANDONED AND SEALED), 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...

DRILLERS IDENT. NO. 116, DRILLERS SIGNATURE Ruth Mayer

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

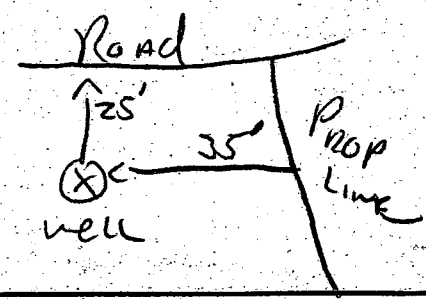
GRAVEL PACK: IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER), T (TELESCOPE CASING), LOG INDICATOR, WQ (OTHER DATA)

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 5 gal. per min., METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL 17, WHEN PUMPING 52, TYPE OF PUMP USED (for test) 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.

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)



4/16/96

DANMESH PATOL

12351 PLEASANT VIEW

STILL REPORTING MAINTENANCE PROBLEMS
WITH HIS WATER SUPPLY SYSTEM DUE TO
EXCESSIVE SEDIMENTATION

I RESPONDED, "HAVE HIS CONTRACTOR
EVALUATE & DESCRIBE THE CONDITION,
THEN WE WOULD COMMENT."

OUR PREGIOUS OBSERVATIONS
WERE INCONCLUSIVE

& THERE WAS NO CLEAR

STANDARD OF MEASURE FOR

DEALING WITH SEDIMENT PROBLEMS

WHICH DEVELOPS IN A CONSTRUCTED WELL

CW

| | | | | | |
|-------------------|-----------|------|---------|------------|---|
| Post-it® Fax Note | 7671 | Date | 2/14 | # of pages | 2 |
| To | Dave Kerr | | From | Kim | |
| Co./Dept. | | | Co. | Howard Co | |
| Phone # | | | Phone # | | |
| Fax # | | | Fax # | | |



HOWARD COUNTY HEALTH DEPARTMENT

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

January 2, 1996

Mr. and Mrs. Dharmesh Patel
12351 Pleasant View Drive
Fulton, Maryland 20759

RE: Fulton Manor, Lot #30
12351 Pleasant View Drive
Well Permit #HO-94-0235

Dear Mr. and Mrs. Patel:

This is in response to your concerns regarding sediment problems in your water supply. As previously discussed, at the time the well was drilled, a sanitarian from this office conducted an inspection of the well yield test, noting no problem with water clarity or sediment. Based on this information and a review of a satisfactory completion report from the well driller, this office approved the construction of the well.

In order to provide an assessment of the current water quality, a pre-treatment water sample was obtained from your home on November 9, 1995. This sample was submitted to the State laboratory for testing for dissolved solids, total solids, and suspended solids. Test results were within recommended limits. A copy of the test results is enclosed.

Although the collected sample contained no sediment or other particulate material, black sediment was observed accumulating in the water line filter. The development of sediment problems such as this is not unusual in some wells, and it may prove impractical to eliminate all sediment from a water supply.

Assuming no obvious defects exist with the grout, standard remediation methods for nuisance levels of sediment include installation of an in-line sediment filter and/or raising the well pump, provided the well yield is adequate to allow for a reduced water storage volume. If these measures are ineffective, flushing or purging the well and the pressure tank of accumulated sediments is the next logical step. Assistance of a well driller or knowledgeable plumber may be necessary for this procedure. The final remediation option is consultation with the driller about the potential effectiveness of adding well screening. In extreme cases, no remediation is effective, and well replacement is the only choice.

Pursuit of these options in a logical sequence appears to be the most appropriate means to deal with your situation. If you have any further questions or concerns, please contact this office at the address below or by calling (410) 313-2640.

Sincerely,

Craig Williams, Director
Water and Sewerage Program

CW/mer
cc: File

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits (410) 313-2640 Community Environmental Health (410) 313-2644
Food Protection Program (410) 313-2642 TDD (410) 313-2323