

APPLICATION

PUBLIC SEWER

PERCOLATION TESTING

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

PERMISSION OK -
"NOT IN METROPOLITAN SERVICE DISTRICT"
PER LETTER FOR D.P.W.
3/18/93 CW, DATE 3/17/93
DISTRICT _____
A 49073
P _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

EXISTING SUBSTANDARD
WELL TO BE ABANDONED - SEE NOTES BY RHODES,

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

PROPERTY OWNER Donald and G. Phelps

ADDRESS 5680 Waterloo Rd. Columbia Md. 21045 PHONE 313 85 70

AGENT OR PROSPECTIVE BUYER N/A BUILDING PERMIT SIGNED AND RETURNED

ADDRESS _____ PHONE 10/26/04 800/50941- GARAGE

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION Waterloo Road - Wooded lot behind 5678 Waterloo Rd. (5680 Waterloo Road)

TAX MAP _____ PARCEL # 476 BLDG. PERMIT SIGNED AND RETURNED 8/12/93

SIZE OF LOT 2 1/4 acre TYPE BLDG. _____
(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 R. Hodges FOR all systems DATE 4/6/93

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING Clay & Underground Water

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

A 49073

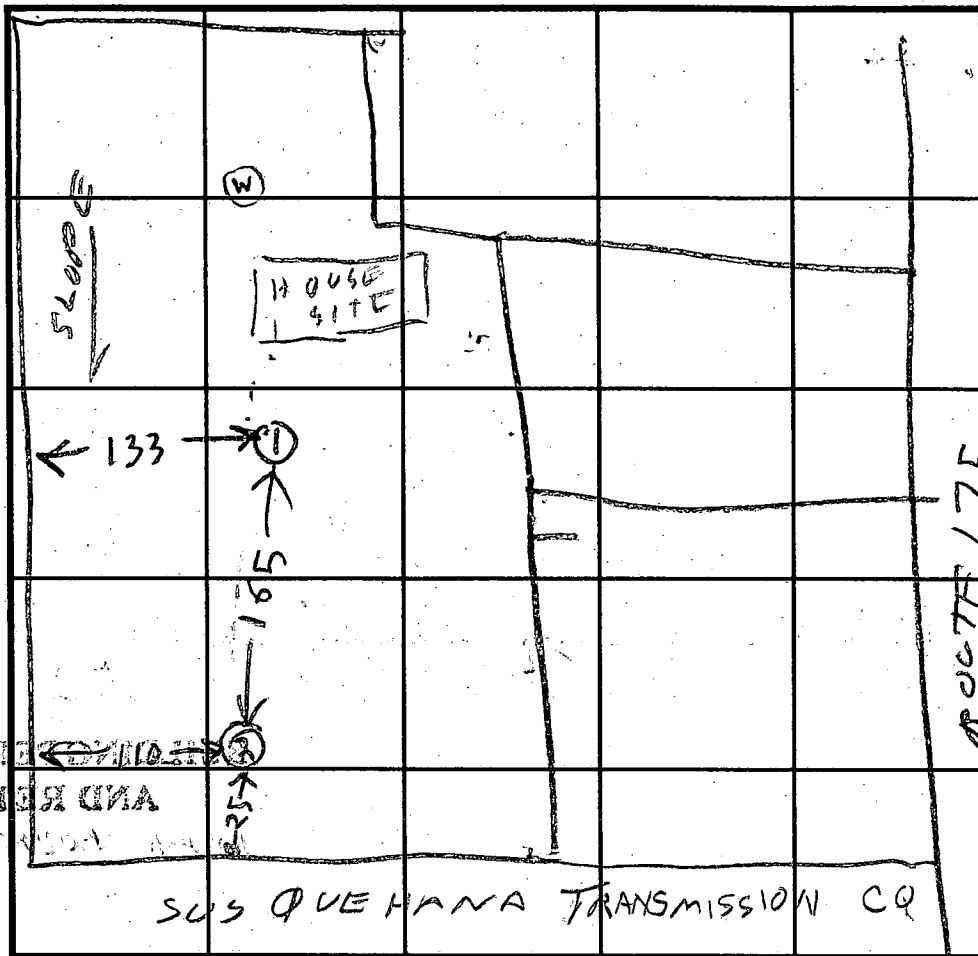
A49073

COUNTY #

SOIL PROFILE

0' TOPSOIL
1' TAN & GRAY CLAY LOAM
6' MOIST
7' WATER
7 1/2'

0' TAN & GRAY CLAY LOAM
1' MOIST
6' MOIST
9' WATER
11'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/8/93	1V	7	WATER	7 FT	FAIL		
4/8/93	2V	11	WATER	9 FT	FAIL		

REMARKS: CURNWELL CO PLUMBER
 TYPE OF SOIL: D PHELPS OWNER
 TESTED BY: [Signature] ALSO PRESENT: FROCK CO BACKHOL
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

REGION _____

AREA _____ RATING _____

ACKNOWLEDGMENT AND CONTROLS	DATE

Howard County Department of Health
BUREAU OF ENVIRONMENTAL HEALTH

RECORD OF INVESTIGATION

DISPOSITION	DATE

LOCATION _____ ZIP _____

OWNER ☐ ADDRESS _____ PHONE _____

OCCUPANT ☐ ADDRESS _____ PHONE _____

COMPLAINANT Rita PHELPS ADDRESS _____ PHONE _____

REASON FOR INVESTIGATION Mr Phelps is Buying Vacant

Lot with an old hand dug Well
I wants To Build CODES _____

RECEIVED BY _____ DATE _____ ASSIGNED TO _____ DATE _____

DATE OF INVESTIGATION 2/10/93 TIME 300 WEATHER Fair

REPORT 2/10/93 - MET MRS PHELPS AT

5678 Route 104 near Davis Rd. Met to
look at Hand Dug Well. Public Water
is available. But it may be 500-600
FT from the House site. Hand Dug
Well is completely unsatisfactory.
Recommend City Water. If City Water
is too far from House Drill a new
well. Mr Phelps suspects Public
sewer is available under Electric
Transmission Lines next to property.
I told Her she must Contact Dept of Public
works for Definite Statement about Public
Sewer Availability. If available it may
be 300-400 FT from House Site. If not
available per Test needed. See drawing on Back
of Tax map Page

DATE SUBMITTED _____ SANITARIAN _____

REGION

AREA _____ RATING _____

ACKNOWLEDGMENT AND CONTROLS	DATE

Howard County Department of Health
BUREAU OF ENVIRONMENTAL HEALTH

RECORD OF INVESTIGATION

DISPOSITION	DATE

LOCATION _____ ZIP _____

OWNER ☐ ADDRESS _____ PHONE _____

OCCUPANT ☐ ADDRESS _____ PHONE _____

COMPLAINANT B. To PHELPS ADDRESS _____ PHONE _____

REASON FOR INVESTIGATION Mrs Phelps is Buying Vacuum

Leak with an old hand dug Well

& wants to Build CODES _____

RECEIVED BY _____ DATE _____ ASSIGNED TO _____ DATE _____

DATE OF INVESTIGATION 2/10/93 TIME 300 WEATHER Cloudy

REPORT 2/10/93 - MET MRS. PHELPS AT

5678 ROUTE 104 near Davis Rd. Met to
look at Hand Dug Well. Public Water
is available. But it may be 500-600
FT from the House site. Hand Dug
Well is completely unsatisfactory.
Recommend City Water. If City water
is too far from House Drill down
well. Mrs Phelps suspects Public
Sewer is available under Electric
Transmission Lines next to property.
I told her she must contact Dept of Public
works for Definite Statement about Public
Sewer Availability. If available it may
be 300-400 FT from House Site. If not
available per test needed. See drawing on Back
of Tax map Paper

DATE SUBMITTED _____ SANITARIAN _____

REPLACEMENT WELL SITE INSPECTION

OWNER RITA PHELPS (OWNER)

DATE REQUESTED

2/10/93

3 PM

ADDRESS 313.85 YD 5106 BONNIE BRANCH RD

DRILLER

VAC LOT
PROPERTY: 5678 WATCHDOG RD. EC 21043

WELL TAG#

FORMER MICHAEL KAUSZ PROPERTY

COUNTY#

MAP 37 G101 P224

LOCATION DIAGRAM

POU

VACANT LOT -

JUST PAST GAS STATION

"LITTLE RED CAR" WILL BE IN DRIVEWAY AT BLACK & WHITE HOUSE,

APPT. MADE CONTINGENT UPON MS PHELPS AGREEMENT TO PROVIDE
PUBLIC WORKS (JEAN REED) CONFIRMATION THAT PUBLIC WATER
NOT REASONABLY AVAILABLE.

WELL NOT CURRENTLY CONNECTED SO NO SAMPLING IS POSSIBLE.

2/8/93 C. Williams

COMMENTS: MS PHELPS PLANS TO APPLY FOR BUILDING PERMIT ON RECENTLY

DIVIDED LOT. PUBLIC WBS WAS TO BE PROVIDED BUT BOTH ARE "REMOTE"
(500-600' AWAY). PUBLIC SEWER CAN BE ACCESSED MORE CONVENIENTLY BY
BASEMENT FLOW ADJOINING B-G-F PROPERTY. THERE IS AN EXISTING WELL
WHICH PREVIOUSLY SERVED THE EXISTING HOUSE ON THE NOW DIVIDED LOT.

THE REQUEST IS TO DETERMINE IF THE WELL CAN BE CONSIDERED OR IMPROVED
TO BE FIT TO SERVE NEW CONSTRUCTION.

B 1 01146 SEQUENCE NO. (DP 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 40-92-0398 fill in this form completely	
Date Received (APA) 052293 OWNER INFORMATION PHELPS DONALD JR. 5106 BORNIE BRANCH ELLICOTT CITY MARYLAND 21113				B 3 LOCATION OF WELL HOWARD 5650 WATERLOO RD BRIGHTFIELD 1 MI Waterloo Rd.	
DRILLER INFORMATION Ralph Mayne Ralph Mayne Well Drilling 5120 Brown Church Rd. Mt. Airy Ralph Mayne 6/20/93				B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) TOWN ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 500 ENTER FT or MI	
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 COUNTY NAME DATE ISSUED 770693 CO SIGNATURE Raymond Hodges 7/6/94 NORTH GRID 500000 EAST GRID 500000	
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 other				SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well WRITE THE BOX NUMBER FROM THE MAP HERE E 850 N 500 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION	
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 D THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) Not to be filled in by driller (OEP USE ONLY) APPROX. PERMIT NUMBER FORCE MP INITIALS IN BOX PERMIT No. 40-92-0398 SPECIAL CONDITIONS 410-313-8520				well @ 500'	

C 1 0487 SEQUENCE NO. (DENV USE ONLY)

1 2 3 4 5 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 49073

ST/CO USE ONLY DATE Received [] [] [] [] [] [] DATE WELL COMPLETED 077093 Depth of Well 200 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-92-0398

OWNER DONALD JR. STREET OR RFD 20 WATER LAD RD last name first name TOWN BRIGHT FIELD SUBDIVISION SECTION LOT

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		Check if water bearing
	FROM	TO	
Top Soil	0	1	
Sandy CLAY	1	3	
SANDSTONE	3	9	
MICKA	9	55	
SANDSTONE	50	55	
MICKA	55	200	

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES ☒ NO ☐

TYPE OF GROUTING MATERIAL CEMENT ☒ BENTONITE CLAY ☐

CEMENT ☒ BENTONITE CLAY ☐

NO. OF BAGS 11 NO. OF POUNDS 1100

GALLONS OF WATER 66

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft to 9 ft

CASING RECORD

casing types insert appropriate code below

STEEL ☒ CONCRETE ☐ PLASTIC ☐ OTHER ☐

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

PL 6 200

OTHER CASING (if used)

diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole insert appropriate code below

STEEL ☒ BRASS ☐ OPEN HOLE ☐ BRONZE ☐ HOLE ☐ PLASTIC ☐ OTHER ☐

DEPTH (nearest ft.)

1 HO 20 200

2

3

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

from to

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) W.Q.

70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 7

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 9 WHEN PUMPING 14

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 (CIRCLE) (YES) (NO)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

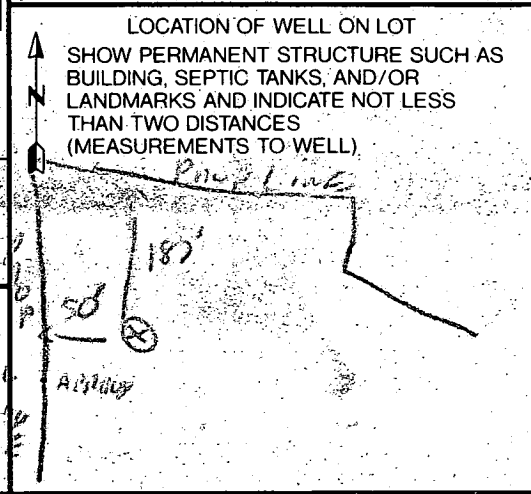
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: 29

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

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) (+) above (49) (3) below (49) LAND SURFACE (nearest foot) 50 51



CIRCLE APPROPRIATE LETTER

A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION WELL

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

DRILLERS IDENT NO. 273

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

WELL ABANDONMENT REPORT

Date July 20, 1993

Permit Number of abandoned well (if any)

--	--	--	--	--	--	--	--	--	--

NO TAG

Driller's Name Wrayne Ralph
Last FirstWell located at
5680 Waterloo rd.Owner's Name P. Phelps Donald Jr.
Last First

Well Location:

County Howard
Subdivision _____
Section _____ Lot _____
Nearest Town BRIGHT FIELD
Maryland Grid Location _____

Box Number

850
500

⊗	
0/5	5/5
0/0	5/0

Show well location by (x)
within box

Type of Well

- ☐ Drilled
☐ Jetted
☐ Bored or Augered
☒ Other, specify HAD Dug

Depth of Well 95 Feet

Type of Casing

- ☐ Steel
☐ Plastic
☒ Concrete
☐ Other, specify _____

Size of Casing _____ Inches

Was any case removed ☐ Yes ☒ No
if yes amount removed _____ (feet)Was casing ripped or perforated ☐ Yes ☒ No

Log of Sealing Material

Material	Feet	
	From	To
Concrete & Cement Block	15	2
#2 Cement	2	0

Driller

Ralph WrayneLicense # 117

SKETCH OF
5680 WATERLOO ROAD
L. 4526 F. 461
PARCEL 476 TAX MAP 37
ELECTION DISTRICT 6
HOWARD COUNTY, MARYLAND

00015094
APPROVED

WALK-THRU BUILDING PERMIT

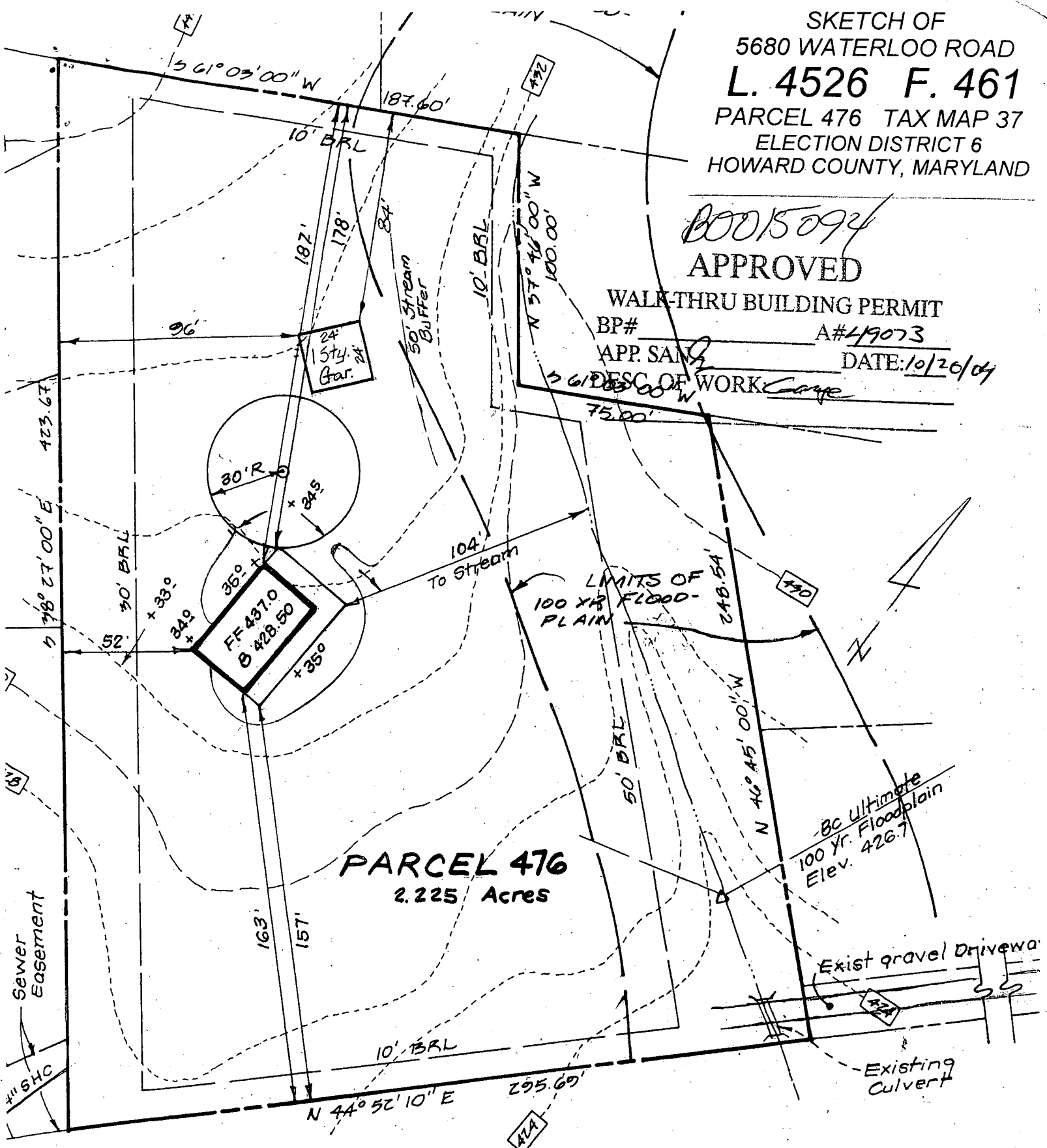
BP#

A#419073

APP. SANG

DATE: 10/26/04

DESC OF WORK: *Cage*



PARCEL 476
2.225 Acres

Show Proposed Garage 10-26-04

SUSQUEHANNA TRANSMISSION CO.
(B, G & E)

CLARK, FINEFROCK & SACKETT, INC.
ENGINEERS. PLANNERS. SURVEYORS
7135 MINSTREL WAY COLUMBIA, MARYLAND 21045
PHONE: BALT. (410) 381-7500 WASH. (301) 621-8100

DRAWN BY: M.A.	SCALE: 1" = 50'	DATE: 10-26-04
CHECKED BY: M.A.	JOB NO. 95-998	FILE NO. 93-083-L
APPROVED BY:		