

3/22 @ P.C.O.
C.B.O.

PERMIT

P. 45373

A 35013

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 5th

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

DATE 2/01/90

DATE SYSTEM APPROVED 4/3/90

INSPECTOR M. Ritzkin

INDEXED

K P K Construction

IS PERMITTED TO INSTALL X ALTER

ADDRESS 9743 Polished Stone, Columbia, Maryland 21046 PHONE 301-725-0963

SUBDIVISION Waterford - Lot 7 ROAD 13219 Westmeath Lane LOT 7

PROPERTY OWNER John Cashmark

ADDRESS _____

1X GARBAGE CHINER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 12%

GARBAGE GRINDER: YES _____ NO _____

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES = 210 sq.ft per bedroom. Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 145 feet of the rear (300') lot line and 75 feet off the left lot line as seen when facing the lot from Westmeath La. Run trenches on contour toward the left lot line.

NOTE - No trench to exceed 70 feet for first 5 trenches. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *sklow*

PLANS APPROVED BY Sid Abel cm DATE 04/02/87

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

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

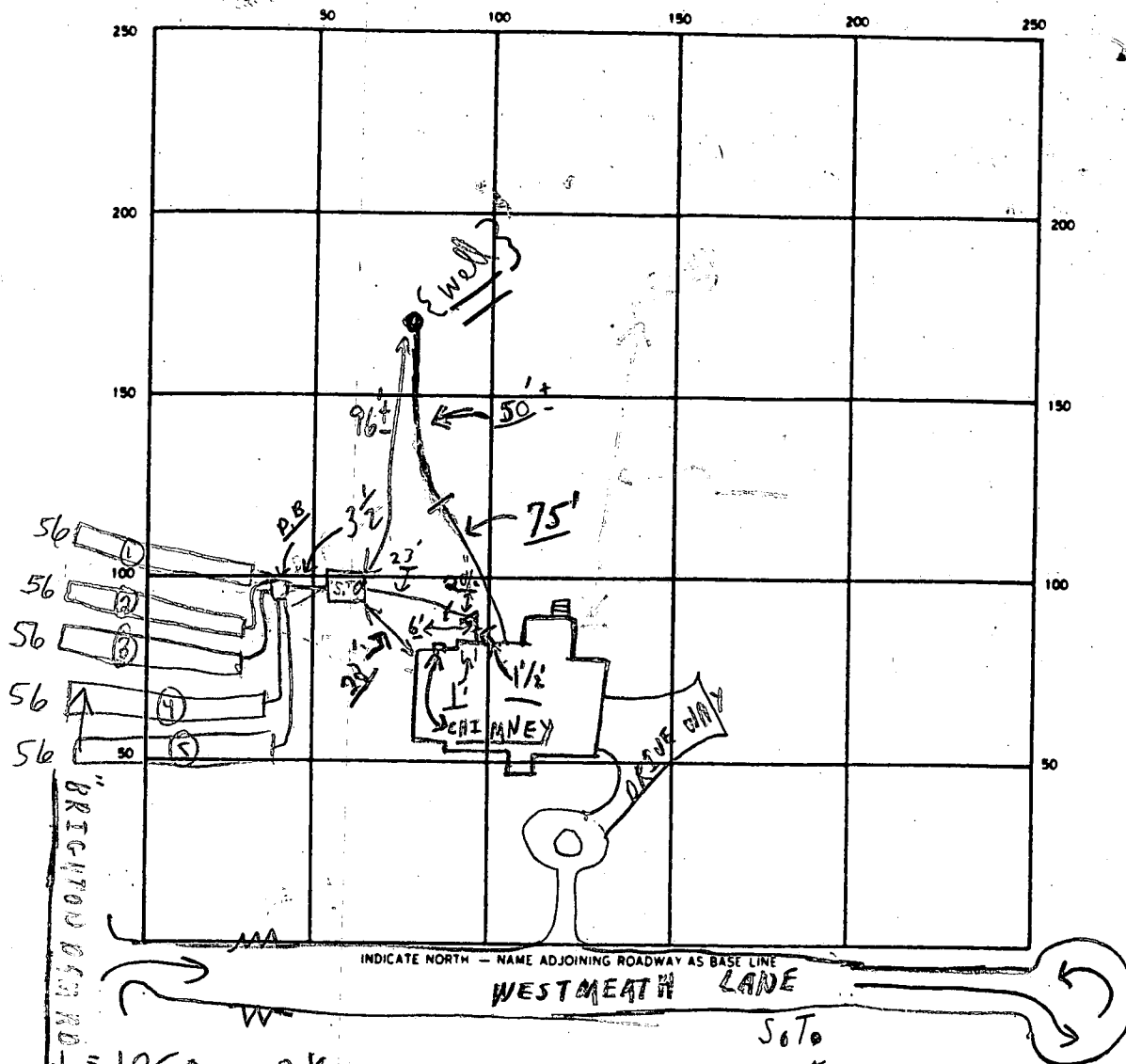
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

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

HD-260

55013
A



SEPTIC TANK. LEVEL 1250 OK CLEANOUTS OK

DISTRIBUTION BOX. LEVEL OK (Baffle is in)

DRAIN FIELD/TILE FIELD. DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/2 FT. TO BE

EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH 56 FT.

NUMBER OF TRENCHES 5 ONE SIDEWALL/BOTTOM AREA 5 @ 168 SQ. FT.

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

ABSORBENT AREA 840 SQ. FT.

REMARKS 3/22/90 Partial; No trenches; ok to cover from house
to S.T. only; (HOLD FOR CALL!!) → 3/23 OR LATER →
4/3/90 #1 OK TO CONTINUE MR
4/3/90 #2 OK TO COVER MR

[{ 3/22/90 W.P.I. - Final - ok to cover (Need a permit sent) }]
 [{ Patches adopted - W.P.I. C. Baseline }]
 DATE SYSTEM APPROVED 4/3/90 INSPECTOR M. Riskin

Need only 1 application with the below checked items completed

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 35013

P _____

DISTRICT 5th

DATE 2-13-85

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 Teral International, c/o Mrs. Gabriela M. Arroyo JOHN CASH, MARK

ADDRESS 1310 Eighteenth St., N.W., Washington, D.C., 20036 PHONE 202-457-0727

PROPERTY LOCATION: WATERFORD SECTION 3

✓ SUBDIVISION Huntington Estates - Section 2 LOT NO. 18 LOT 7

✓ ROAD AND DESCRIPTION North side of Brighton Dam Road approximately 3400 feet west of Ten Oaks Road 13219 Westmeath Lane

✓ SIZE OF LOT 3+ acres TYPE BLDG. Residence
(NUMBER OF BEDROOMS)

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. Charles J. Conner
(SIGNATURE OF APPLICANT)

APPROVED BY Sidney Abel FOR Shallow tile fields DATE 4-2-87

REJECTED BY _____ FOR _____ DATE _____

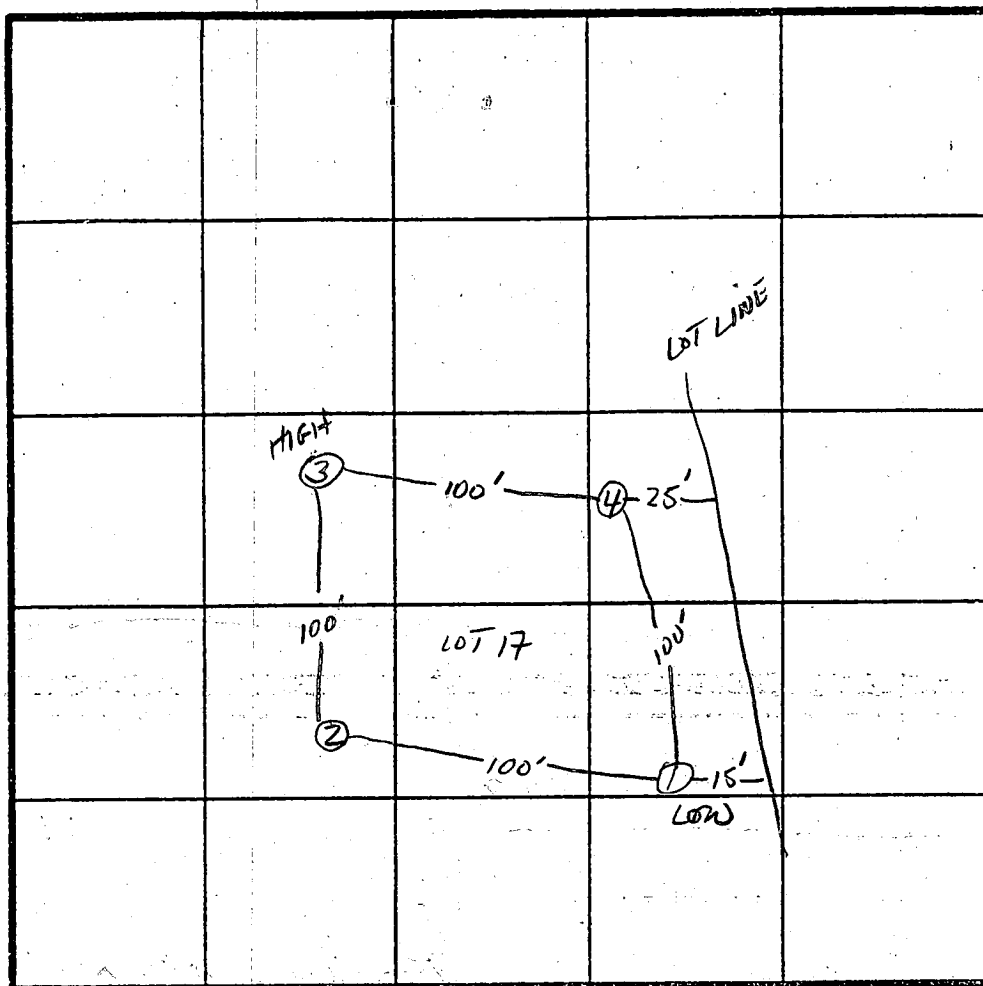
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 3-17-85 PERC. RESULTS SATISFACTORY, HOLD FOR CERTIFIED HOLE LOCATION, HOUSE AND WELL SITE. SAME

LOG. PERMIT SIGNED
AND RETURNED 6-8-87
BP26200
SA

THIS IS NOT A PERMIT

0'
6" A1-3
Yellow Brown
CLAY LOAM
10%
SAPROLITE
3.5' LIGHT
BROWN SAND
SILT
10-20%
micaceous
SAPROLITE



\bar{x} Perc
11 min
200 ϕ 1 BK
INLET 3.5
BOTTOM 5.0

0 ② + ③

6" 41-3

BROWN CLAY
LOAM 110%
SAPROLITE

4' Grey Brown
Silty SAND
micaceous
10-20%
SAPROLITE

micaceous
SAPROLITE
30-40%
-13

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
BRIGHTON DAM Rd.

[illegible]

HOLE LOCATED AS PER PLATT APPROXIMATELY

REMARKS

TYPE OF SOIL

J. Abel

SKIP, LES, TERRY - BACKPSE

C1 1405

SEQUENCE NO.
(DENV USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER A35013ST/CO, USE ONLY
DATE Received

| | | | | | | |
|---|--|--|--|--|--|----|
| 8 | | | | | | 13 |
|---|--|--|--|--|--|----|

DATE WELL COMPLETED

100489

Depth of Well

22 125 26
(TO NEAREST FOOT)PERMIT NO.
FROM "PERMIT TO DRILL WELL"H0-88-1031
28 29 30 31 32 33 34 35 36 37OWNER KDK CONSTRUCTION
STREET OR RFD WEST MATH LANE last name first name TOWN CLARKSVILLE
SUBDIVISION WATERFORD SECTION 3 LOT 7

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)

FEET

FROM TO

Check
if water
bearing

SAND stone

0 46

CRAYMICA
ROCK

46 125

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes no
Y N

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BCNO. OF BAGS 11 NO. OF POUNDS 1034GALLONS OF WATER 66

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 32 ft.
48 TOP 52 54 BOTTOM 58
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
belowST CO
STEEL CONCRETE
PL OT
PLASTIC OTHERMAIN
CASING
TYPENominal diameter
top (main) casing
(nearest inch)Total depth
of main casing
(nearest foot)ST651E
A
C
H
C
A
S
I
N
G

OTHER CASING (if used)

diameter
inch depth (feet)
from to

| | |
|--|--|
| | |
| | |

screen type
or open hole
insert
appropriate
code
below

SCREEN RECORD

ST BR HO
STEEL BRASS OPEN
PL BRONZE HOLE
PLASTIC OTHER

C2

DEPTH (nearest ft.)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51
1 40 50 125
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 68OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)T (E.R.O.S.) W Q
70 72 74 75 76TELESCOPE LOG OTHER DATA
CASING INDICATOR

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3PUMPING RATE (gal. per min. 12
to nearest gal.)METHOD USED TO
MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 62.2WHEN PUMPING 74.4

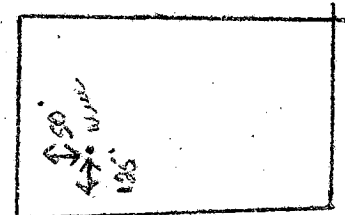
TYPE OF PUMP USED (for test)

A air P piston T turbine
C centrifugal R rotary O other
J jet S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO
(CIRCLE) (YES or 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:CAPACITY:
GALLONS PER MINUTE
(to nearest gallon)
PUMP HORSE POWER
PUMP COLUMN LENGTH
(nearest ft.)CASING HEIGHT (circle appropriate box
and enter casing height)LAND SURFACE
(nearest
foot)

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)

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 PRE-
SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF
MY KNOWLEDGE.DRILLERS IDENT. NO. 238DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)SITE SUPERVISOR (sign. of driller or journeyman
responsible for sitework if different from permittee)

DRILLER County

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-1031
Location of property (road) WESTMEATH LANE
Subdivision WATERFORD III Lot 7 Block Plat Sec.
Well Driller J. MAYNE Owner KDK CONSTRUCTION

Depth of well 125
Distance of measuring point (M.P.) above ground 1'
Static water level (S.W.L.) below M.P. 62' 2"

I. High rate pumping -- reservoir drawdown

Time pump started 7:30 Pumping rate 12 gpm.
Total time 15 min to reach pumping water level 74'-4" ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

[illegible]

Review

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-1031
Location of property (road) WESTMATH LANE
Subdivision WATERFORD III Lot 7 Block Plat Sec.
Well Driller J. MAYNE Owner KDK CONSTRUCTION

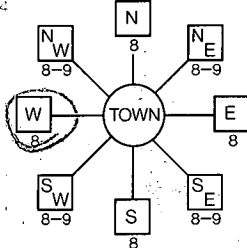
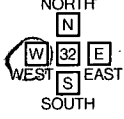
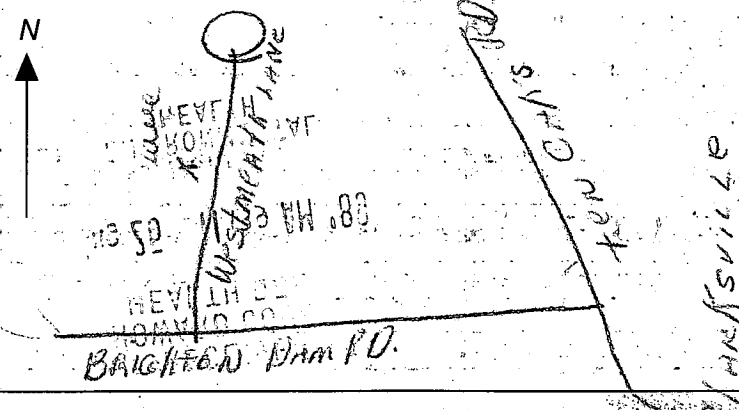
Depth of well 125'
Distance of measuring point (M.P.) above ground 1'
Static water level (S.W.L.) below M.P. 62'

I. High rate pumping -- reservoir drawdown

Time pump started 7:30 Pumping rate 12 GPM
Total time 15 min to reach pumping water level 74' ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

[illegible]

| | | | |
|--|-------------------------------|---|---|
| B 1 2002 <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small> | SEQUENCE NO. (DP USE ONLY) | STATE OF MARYLAND PERMIT TO DRILL WELL please print or type | STATE PERMIT NUMBER HO-88-1031 <small>fill in this form completely</small> |
| OWNER INFORMATION Date Received (APA) 082589 KPK CONSTRUCTION <small>15 Last Name 13 Owner 34 First Name</small> 14506 SORRENTO CT. <small>36 Street or RFD 55</small> BURTONSVILLE MD 20866 <small>57 Town 70 State 72 Zip 76</small> | | B 3 LOCATION OF WELL HOWARD <small>8 COUNTY 21</small> WATERFORD <small>23 SUBDIVISION 42</small> SECTION 3 LOT 7 <small>44 46 48 50</small> CLARKSVILLE <small>52 NEAREST TOWN 71</small> MILES FROM TOWN (enter 0 if in town) 10 MI <small>73 76 77 78</small> | |
| DRILLER INFORMATION Joseph L. Mayne 238 <small>Driller's Name 77 License No. 80</small> Joseph L. Mayne Well Drilling <small>Firm Name</small> 5512 Ridge RD. Mt. Airy, NC 27030 <small>Address</small> Joseph L. Mayne 8/22/89 <small>Signature Date</small> | | B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  Westmuth Lane <small>NEAR WHAT ROAD 30</small> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  600 <small>DISTANCE FROM ROAD 34 37</small> ENTER FT OR MI FF <small>38 39</small> | |
| B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 <small>8 12</small> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 <small>14 20</small> | | NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A35013 <small>COUNTY NAME COUNTY NO.</small> STATE SIGNATURE _____ INSERT S _____ DATE ISSUED 083089 3/1/90 <small>43 48 CO SIGNATURE EXP. DATE</small> NORTH GRID 490000 EAST GRID 0807000 <small>50 55 57 63</small> | |
| USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT) | | 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 810 N 490 <small>000 000</small> | |
| APPROXIMATE DEPTH OF WELL 260 FEET <small>24 28</small> APPROXIMATE DIAMETER OF WELL 6 INCH <small>NEAREST INCH</small> | | DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  | |
| METHOD OF DRILLING (circle one) BORED (or Augered) <input checked="" type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input type="checkbox"/> <small>30 37</small> AIR-ROTARY <input checked="" type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> CABLE <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> DRIVE-POINT <input type="checkbox"/> other _____ | | REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input checked="" type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) HO-88-1031 <small>41 52</small> | |
| Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER _____ <small>54 63</small> FORCE CW WRITE INITIALS IN BOX PERMIT No. HO-88-1031 <small>67 68 70 71 72 73 74 75 76 77 78 79</small> | | SPECIAL CONDITIONS | |

WELL ABANDONMENT REPORT

Date

2/9/90

Permit Number of abandoned well (if any)

H 0 . — 8 1 — 2 2 2 9

Driller's Name

MAYNE Joseph
Last First

Owner's Name

K.P.K. Co.
Last First

Well Location:

County HOWARD
Subdivision WATERFORD
Section 3 Lot 7
Nearest Town CLARKSVILLE
Maryland Grid Location

Box Number

E 810
N 490

Type of Well

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

ABANDONED
BECAUSE DRILLED
OFF LOTShow well location by
within boxDepth of Well 185 Feet

Type of Casing

- ☒ Steel
☐ Plastic
☐ Concrete
☐ Other, specify

Size of Casing 6 5/8 InchesWas any case removed ☒ Yes ☐ No
if yes amount removed 2 (feet)Was casing ripped or perforated ☐ Yes ☒ No

Log of Sealing Material

| Material | Feet | |
|-----------------|------|-----|
| | From | To |
| GRAVEL + Cement | 0 | 185 |

LIC 238

Joseph E. Mayne

| | | |
|--|---|---|
| B 1 3333 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) | SEQUENCE NO. (OEP USE ONLY) STATE OF MARYLAND PERMIT TO DRILL WELL please print or type | OEP PERMIT NUMBER 40-81-2229 fill in this form completely |
| OWNER INFORMATION Date Received 8-13 KPK CONSTRUCTION 15 Last Name Owner First Name 14506 SORRENTO ST. 36 Street or RFD 57 TOWN 70 State 72 76 Zip PURTONSVILLE MD 20846 | | LOCATION OF WELL HENRIARD 8 COUNTY WATERFORD 23 SUBDIVISION SECTION 3 LOT 7 CLARKSVILLE 52 NEAREST TOWN MILES FROM TOWN (enter 0 if in town) 70 73 76 77 78 MI |
| DRILLER INFORMATION Driller's Name: Joseph B. Magee 77 License No. 80 238 Firm Name: Joseph B. Magee WELL DRILLING 5512 Ridge Rd. Mt. Airy, Md. 21771 Address Signature: Joseph B. Magee Date: 7/16/87 | | DIRECTION OF WELL FROM TOWN (CIRCLE BOX) ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) Westmeath Lane 11 30 NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH N WEST W 32 E SOUTH S EAST E DISTANCE FROM ROAD 600 37 ENTER FT or MI FT 38 39 |
| WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20 | | NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME: HENRIARD COUNTY NO.: A-35013 OEP SIGNATURE: [Signature] DATE ISSUED: 08/14/87 EXP. DATE: 02/14/88 NORTH GRID: 191000 EAST GRID: 0807000 43 48 50 55 57 63 |
| USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT) | | 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 807 N 499 9 000 000 |
| APPROXIMATE DEPTH OF WELL 260 FEET APPROXIMATE DIAMETER OF WELL 6 INCH METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30. AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) 37. CABLE REVERSE-ROTary Drive-POINT other | | Location ok (X) 8-21-87 9 bags cement 40 ft casing 35 ft open hole 2 ft above ground water sample taken JE Nadeau |
| REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39. <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPMEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52 | | DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION |
| Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP 63 FORCE [Signature] WRITE INITIALS PERMIT NO. 40-81-2229 67-68 IN BOX 70 71 72 73 74 75 76 77 78 79 | | |
| SPECIAL CONDITIONS | | |

②

11 AM 3 hrs
11:30 GROUT

11/30 Group

Well Permit No. HO - 81-2229 west of Ten Oaks
 Location of property (road) WESTMEATH RANE (off Brighton Dam east of Highland
 Subdivision WATERFORD Lot 7 Block Plat Sec. 3
 Well Driller JOSEPH MAYNE Owner CONSTRUCTION, RPK

Depth of well 185
Distance of measuring point (M.P.) above ground 2
Static water level (S.W.L.) below M.P. 71

Time pump started 11:00 Pumping rate 12 gal
Total time 15 min to reach pumping water level 73 ft. below M.P.

[illegible]

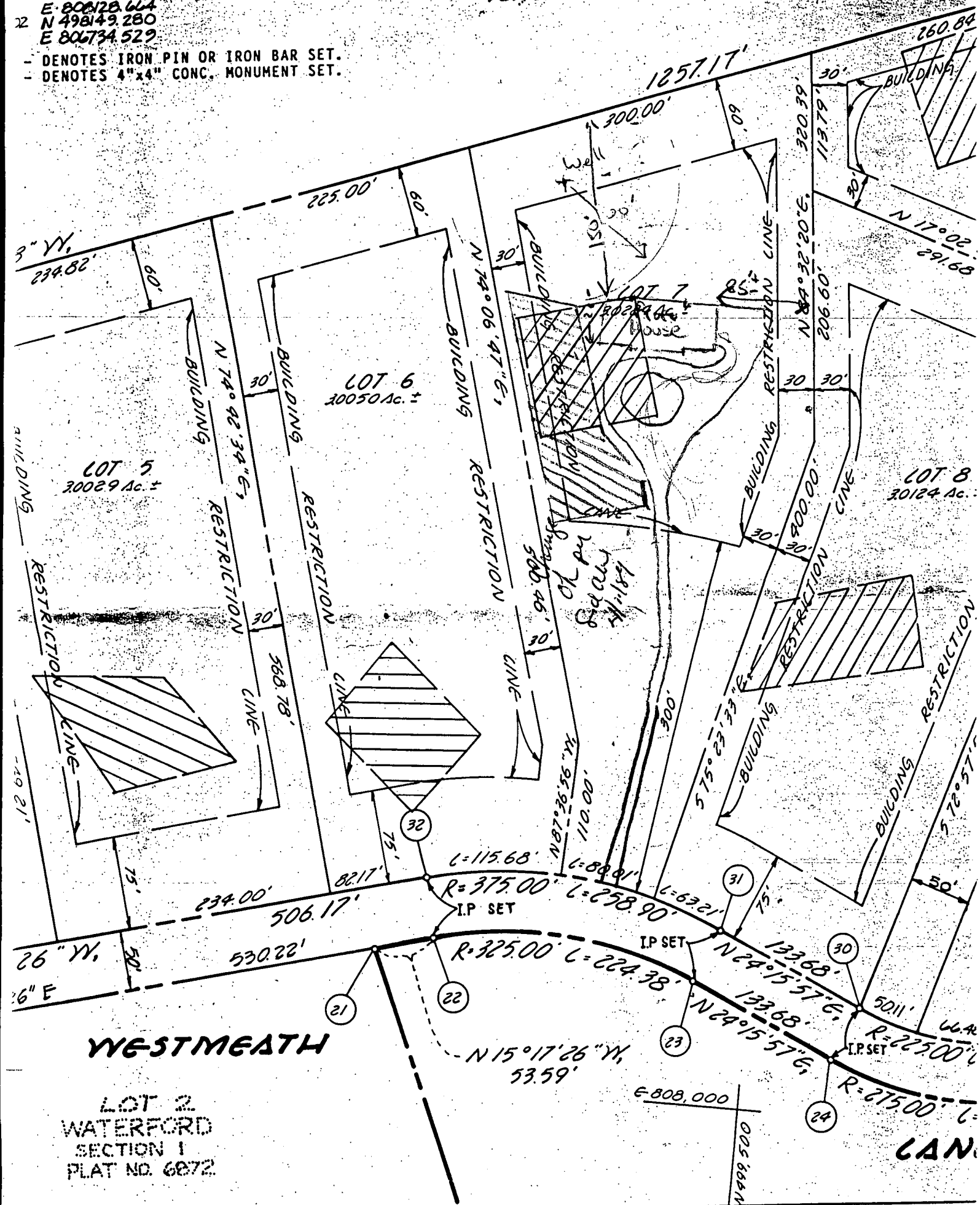
POSITIVE ZONING PLAN.
 COORDINATES SHOWN HEREON ARE BASED ON
 LAND STATE GRID SYSTEM AND DERIVED
 FOLLOWING HOWARD COUNTY CONTROL

PROPERTY OF
BRIGHTON DAM
LIMITED PARTNERSHIP
 585/3144

I.P. FOUR

08 N 498728.743
 E 806128.664
 12 N 498143.280
 E 806734.529

- DENOTES IRON PIN OR IRON BAR SET.
 - DENOTES 4"x4" CONC. MONUMENT SET.



OWNER'S CERTIFICATE:

C1 6031 SEQUENCE NO. (OEP 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 A35013

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8 13

15 20

22 26
(TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37

OWNER CONSTRUCTION KPIK
STREET OR RFD WESTMEATH first name TOWN CLARKSVILLE
SUBDIVISION WATERFORD SECTION 3 LOT 7

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

| DESCRIPTION (Use additional sheets if needed) | FROM | TO | Check if water bearing |
|--|------|-----|------------------------------|
| SAND | 0 | 33 | |
| GRAY M. CH Rock | 33 | 185 | ✓ |

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 9 NO. OF POUNDS 846

GALLONS OF WATER 54

DEPTH OF GROUT SEAL (to nearest foot)
from 1 ft. to 35 ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below

ST CO
STEEL CONCRETE
PL OT
PLASTIC OTHER

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

ST 1 40

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

EACH CASING

SCREEN RECORD

screen type
or open hole
insert
appropriate
code
below

ST BR HO
STEEL BRASS OPEN
PL BRONZE HOLE
PLASTIC OTHER

DEPTH (nearest ft.)

EACH SCREEN

1 HO 38 185

2

3

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

56 60

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

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

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

70 72 74 75 76

TELESCOPE LOG OTHER DATA
CASING INDICATOR

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 12

METHOD USED TO MEASURE PUMPING RATE bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 71

WHEN PUMPING 73

TYPE OF PUMP USED (for test)

A air P piston T turbine
C centrifugal R rotary O other (describe below)
J jet S submersible

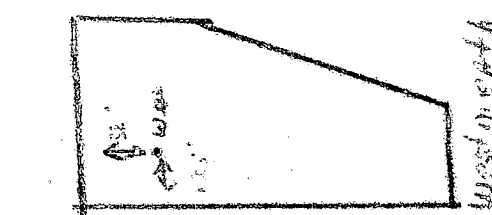
PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO
(CIRCLE) (YES or 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:

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)
4 above } LAND SURFACE (nearest foot)
1 below }

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)



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 10.17.13 "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. 238

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

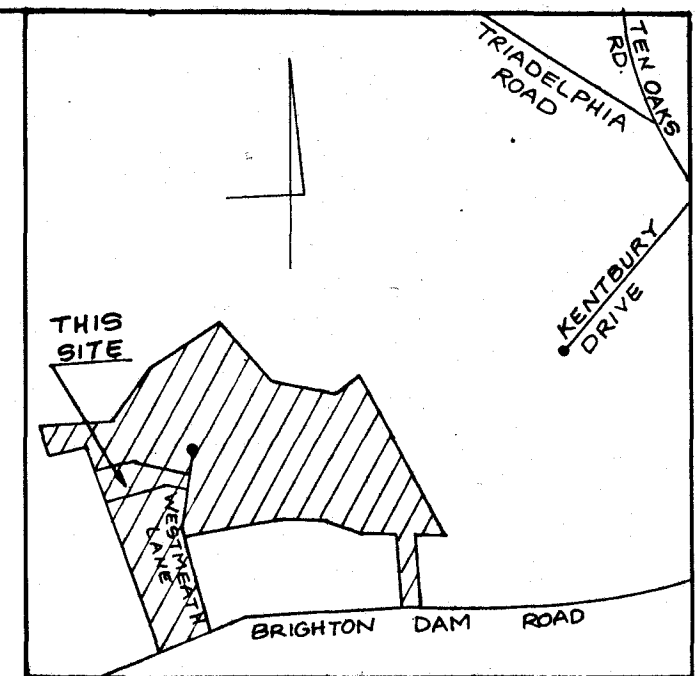
SITE SUPERVISOR (sign. of driller or journeyman
responsible for sitework if different from permittee)

Well Permit No. HO - 81-2229
Location of property (road) WEST MEATH LAKE
Subdivision WATERFORD Lot 7 Block Plat Sec. 3
Well Driller JOSEPH MAYNE Owner CONSTRUCTION, K.P.K.

Depth of well 185
Distance of measuring point (M.P.) above ground 2
Static water level (S.W.L.) below M.P. 71

Time pump started 11:00 Pumping rate 12 gal
Total time 15 min. to reach pumping water level 73 ft. below M.P.

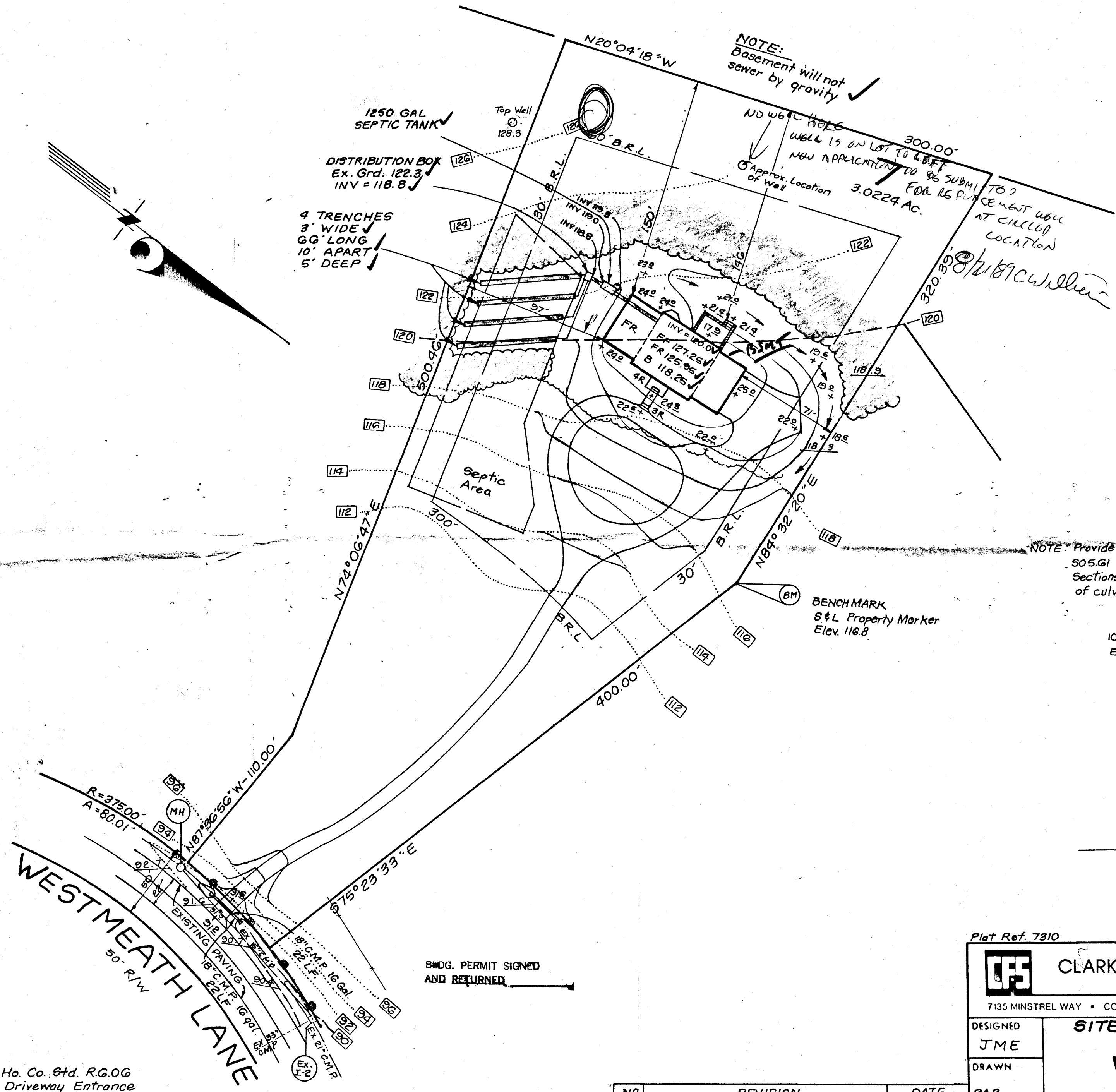
[illegible]



VICINITY MAP
Scale: 1" = 1200'

LEGEND

- Contour Interval 2 FT.
- Existing Contour - - - - -
- Proposed Contour - - - - -
- Spot Elevation +10.5
- Direction of Drainage →
- Walk out Basement WOB
- Trees to be Saved
- EXISTING SPOT ELEVATIONS 92.7



See Ho. Co. Std. R.G.O.G.
for Driveway Entrance

| NO | REVISION | DATE |
|----|--|---------|
| 1 | Moved house forward 30' & to the left as per clients request | 5-31-89 |

Plat Ref. 7310

CLARK • FINEROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS

7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (301) 381-7500 - BALTO. • (301) 621-8100 - WASH.

| | | |
|------------------|---|---------------------|
| DESIGNED JME | SITE DEVELOPMENT PLAN LOT 7 WATERFORD SECTION 3 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND | SCALE 1" = 50' |
| DRAWN BAR | | DRAWING 1 of 1 |
| CHECKED JME | | JOB NO. 89-064 |
| DATE May 1989 | | FILE NO. 89-064X |

For: K.P.K. Construction
14506 Sorrento Court
Burtonsville, Md. 20866