

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XX-50013 313-2640

INDEXED

4/21 (1) P.C.O. C.S.D.

P 50640

A 34729

DISTRICT 4th

DATE 4-10-95

DATE SYSTEM APPROVED 4/21/95

INSPECTOR C.B.S.

01-347854

K & K Excavation

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 14960 Frederick Road Woodbine, Md 21797 PHONE 442-1336

SUBDIVISION Charles Sharp LOT 3 ROAD 14190 Triadelphia Road

PROPERTY OWNER James W. and Marlene Beck

ADDRESS 14190 Triadelphia Road
Glenelg, MD 21737

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210'

TRENCHES - Trench to be 2 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 8 1/2 feet below original grade. Effective area begins at 4.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the first trench 255 feet up the left (653.40') lot line and 15 feet off the same lot line as seen when facing the lot from Triadelphia Road. Run trenches on contour toward the right side of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 2/2/94 DKS

PLANS APPROVED BY Sid Abel DATE 07/22/88

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

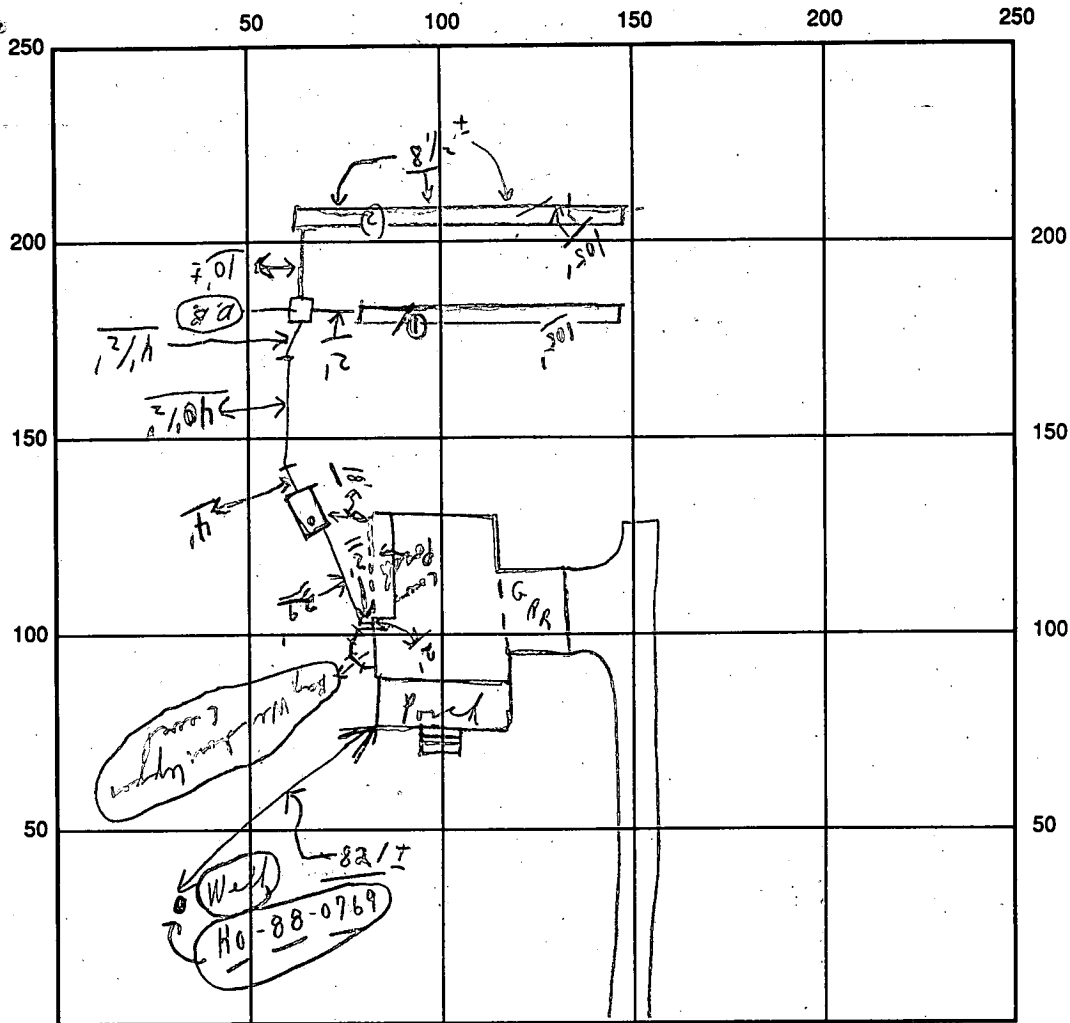
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

BLDG. PERMIT SIGNED AND RETURNED 6/5/95

Serial # 60210

under roof
purpose tank

A 34789



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK Triadelphia Road S.T.C.O.
CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK (Baffles in)

DRAIN FIELD/TITLE DEPTH 8 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 1/2 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. (TOTAL LENGTH 105' + 105' = 210 FT.)

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

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

ABSORBENT AREA 840 SQ. FT.

REMARKS: (A.M.) 4/21/95 P.C.O. - #1 Trench all done; ok to cover from home to dist. box; ok to continue on #2 trench; chd 4/21 (P.M.) ok to cover as #1 finished at stop; final; chd

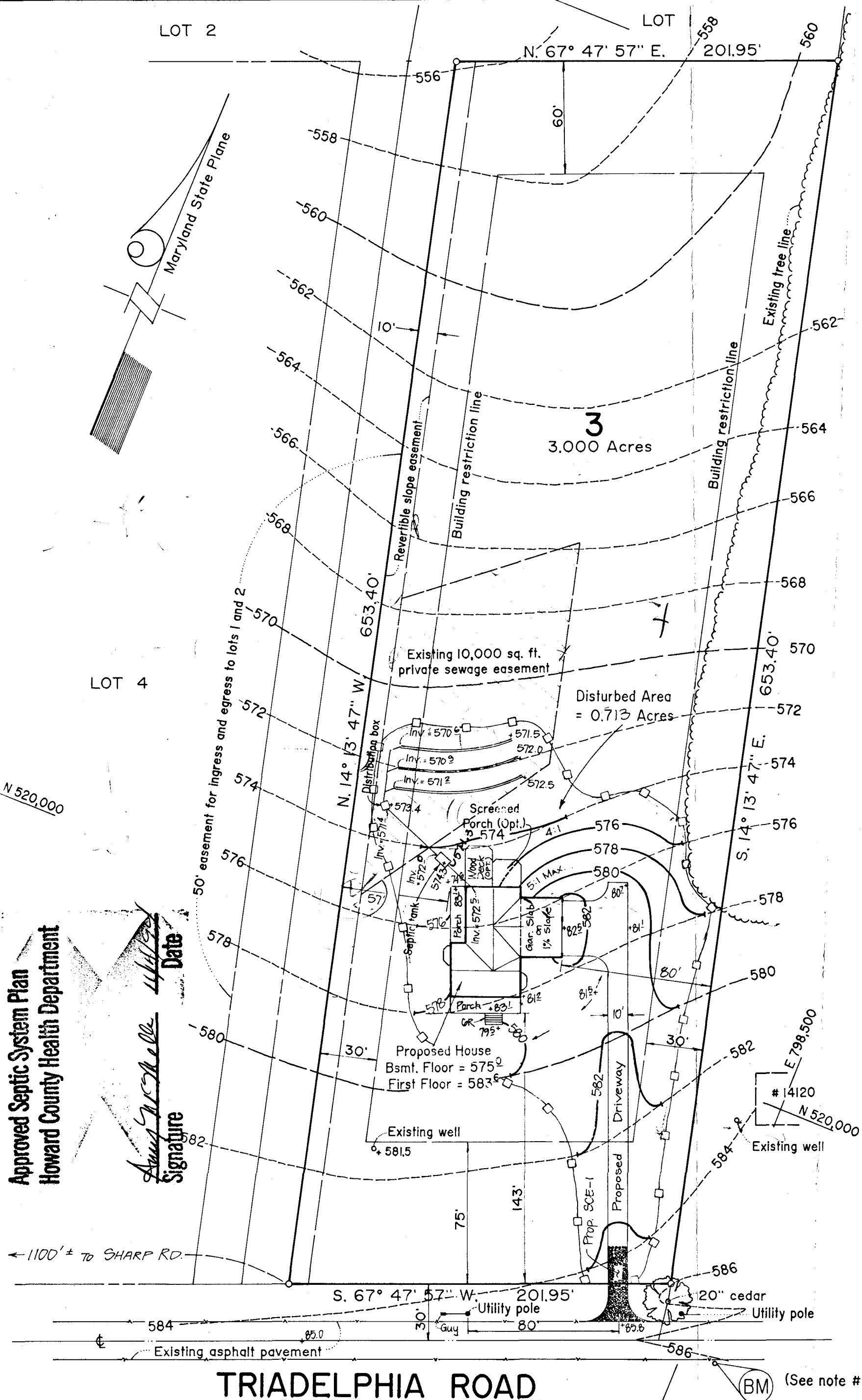
(A.M.)
4/21/95 W.P.I. - No more chd
DATE SYSTEM APPROVED 4/21/95 INSPECTOR Charles Bryan & Theaker

Call "MISS UTILITY"
1-800-257-7777
For utility locations
at least 48 hours before
beginning construction.

n/f James J. Patterson, et al.
Liber 698 Folio 48

Approved Septic System Plan
Howard County Health Department

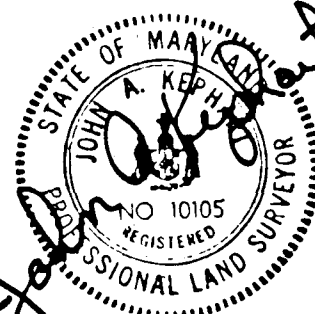
Signature
Date



KEPHART
& COMPANY

9112 SPRING ACRES ROAD CLINTON, MARYLAND 20735

Civil Engineering
Land Surveying
Land Planning
(301) 868-9688



CHA

Client Majes

APPLICATION

1/14/85
9:30

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 34729

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 4

DATE Jan 2, 1985

TRIADOLPHIA & SHARP
RIGHT BEHIND OLD FARMHOUSE.

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 ~~Charles A. Sharp and Denise Docher~~ ^{JAMES W and MARLENE BECK}

ADDRESS 3779 Sharp Rd Glenwood, Md 21738 PHONE 489-4630

PROPERTY LOCATION:

SUBDIVISION Par. 45, map 21 LOT NO. LOT 3 FINAL # PLAT F87-59

ROAD AND DESCRIPTION ~~Northwest side~~ ¹⁴¹⁹⁰ Triadelphia Rd, 600' NE of Sharp Rd.

SIZE OF LOT 3 ac 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.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 1/16/85 PERC OK HOLD FOR CERTIFIED

PLAT B.H. 5A

BLDG. PERMIT SIGNED
AND RETURNED 1/14/85
Serial # 57090
SFD - 4Benn

THIS IS NOT A PERMIT

look point

0

3

BROWN CLAY

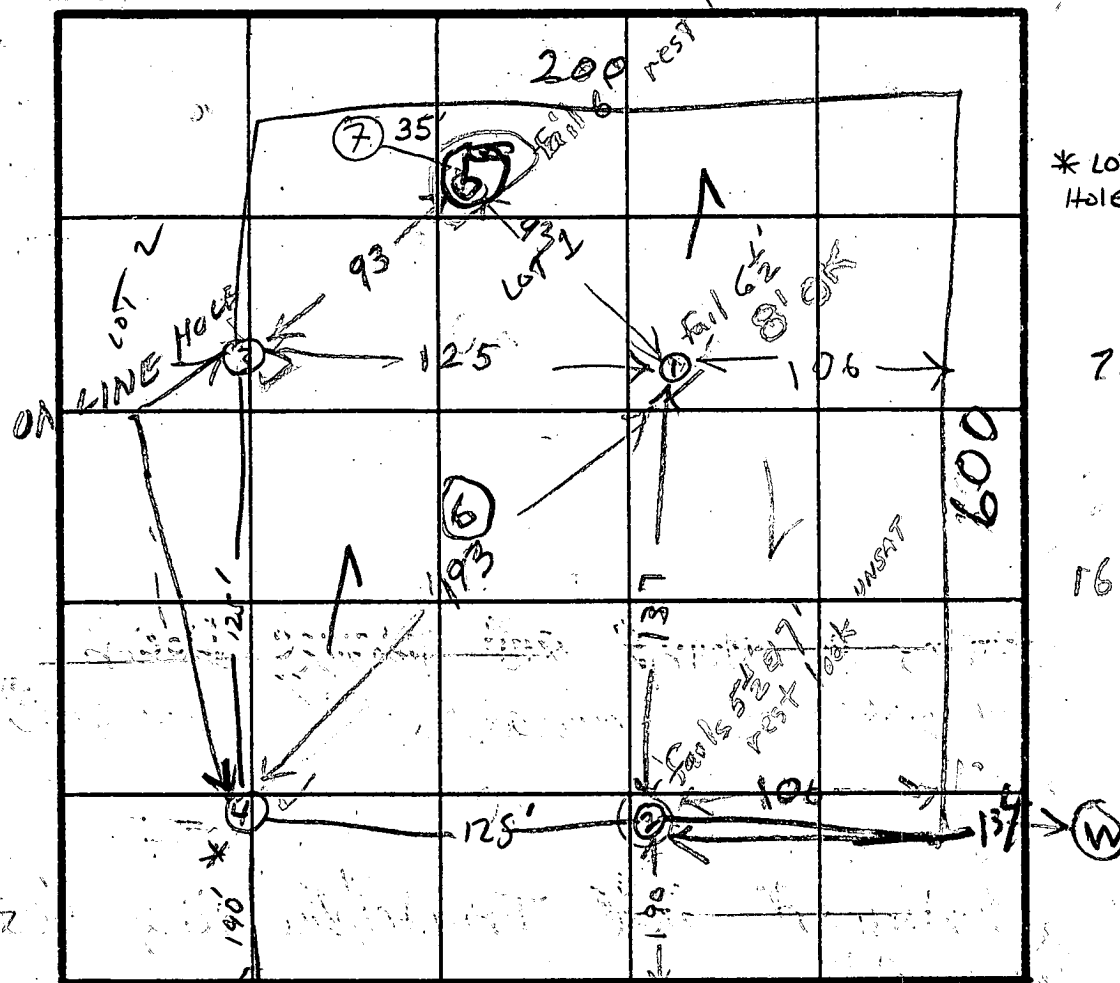
BROWN SANDY LOAM

Hand-drawn stratigraphic column with two columns of soil layers. Column 3 (left) has layers: Brown Clay (0-2), Pinkish Brown Silty Loam (2-6), and Sandy Loam Brown (6-16). Column 7 (right) has layers: Brown Silty (0-2), Silty (2-6), and Sandy Loam (6-16).

Column	Soil Layer	Depth (ft)
3	Brown Clay	0 - 2
	Pinkish Brown Silty Loam	2 - 6
	Sandy Loam Brown	6 - 16
7	Brown Silty	0 - 2
	Silty	2 - 6
	Sandy Loam	6 - 16

2

	BROWN CLAY
	BROWN SILT CLAY
	BROWN SILT CLAY



①
BROWN
CLAY
LOAM

7 —

BROWN
SANDY
LOAM

~~CONFIDENTIAL~~

$$\begin{array}{r} 18 \\ 12 \\ 18 \\ \hline 38 \end{array}$$

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

TRIADOLPHIA Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/14/85	✓ 4S 4V	5' 14'	1:30 LOOKS OK TO	1:33 14' UNIFORM SOIL	1:33 5-14'	1:41	8min
11/14/85	✓ 3S 3V	5' 14'	1:43 LOOK OK TO	1:50 14' UNIFORM SOIL	1:50 6-14'	2:02	12
11/14/85	(2S) (2V)	5 1/2' 15 1/2'	2:04 LOOKS	2:30 UNSATISFACTORY	LITTLE PEARL SLOW		
11/14/85	(1S) 1V	6 1/2' 14 1/2'	2:09 LOOKS	2:30 OK BELOW 7' FT	2:30 304 SLOW		
	(2M)	7'	302	332	302		
	✓ 7M	8'	316	326	326	344	18
	(5S)	6'	401	420	401		
	5V	14'	LOOKS	POOR,	SLOW	SHELF	
	6V	13 1/2'	LOOK	OK	BELOW	6 FT.	
11/16/85	✓ 7S 7V	7'	10:22 LOOKS OK FROM 7' TO	10:26 16" SANDY	10:26	10:32	6 min

HOLE
ELEVATION

④② = 14158

13 = 40W

BROWN

RE:
SILV
CLAY

1

REN

CLAY
LOAM

BROWN
SAND

31

REMARKS

TYPE OF SOIL

TESTED BY

R. HODGES & S. ABEL

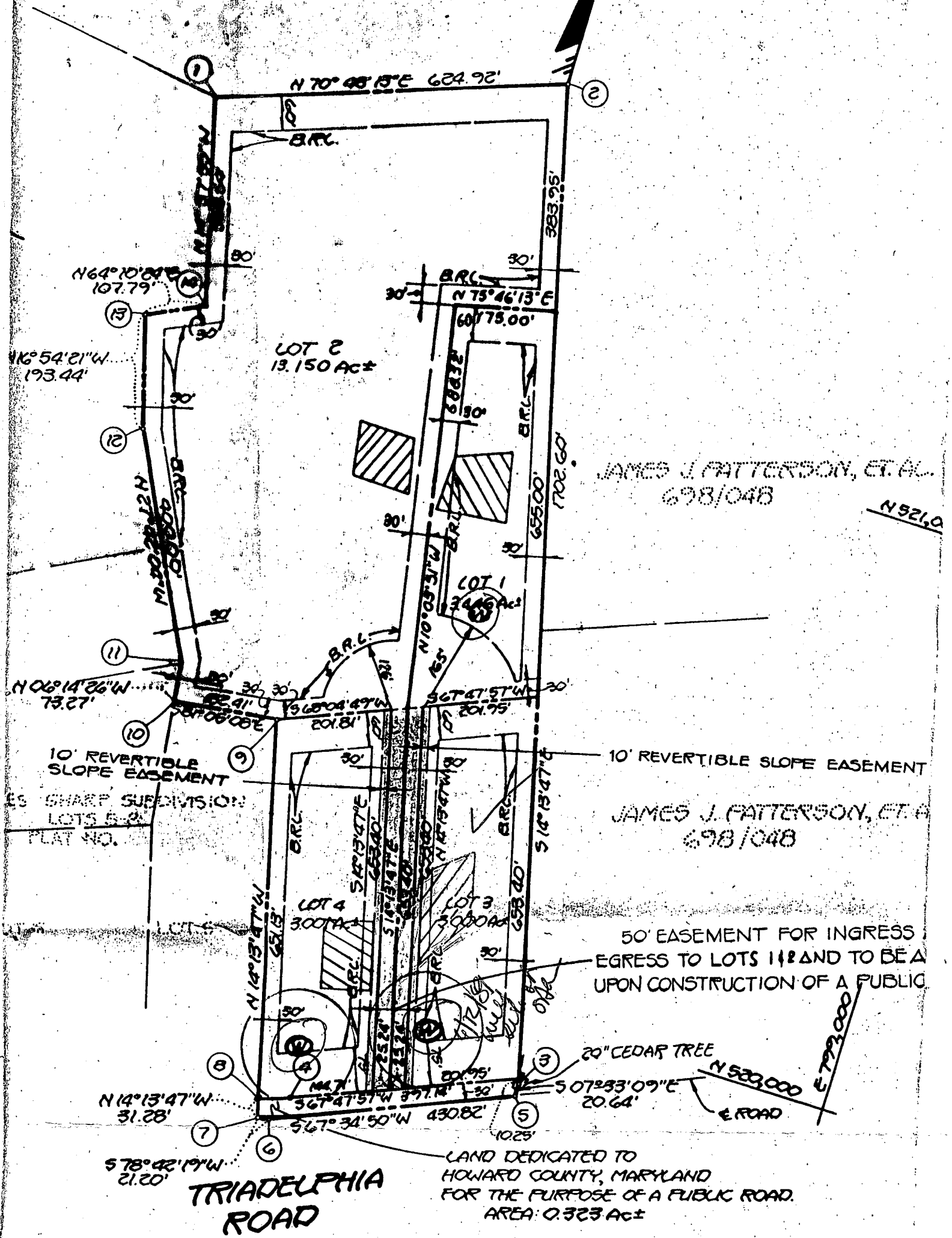
ALSO PRESENT

COLLINS
SHARPS

131

EH-12-1079

PROPERTY OF
CHARLES ALAN SHARP
10/19/459



ER'S CERTIFICATE:

SURVEYOR'S CERTIF

DOEDER OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON.

I HEREBY CERTIFY THAT THE FI

PER PLAT CAMP 7027

N. 67° 47' 57" E
201.95'

N/E PATTERSON, ET AL.
L. 698 F. 48

50' EASEMENT FOR INGRESS & EGRESS
TO LOTS 1 & 2

REVERTIBLE SLOPE EASEMENT

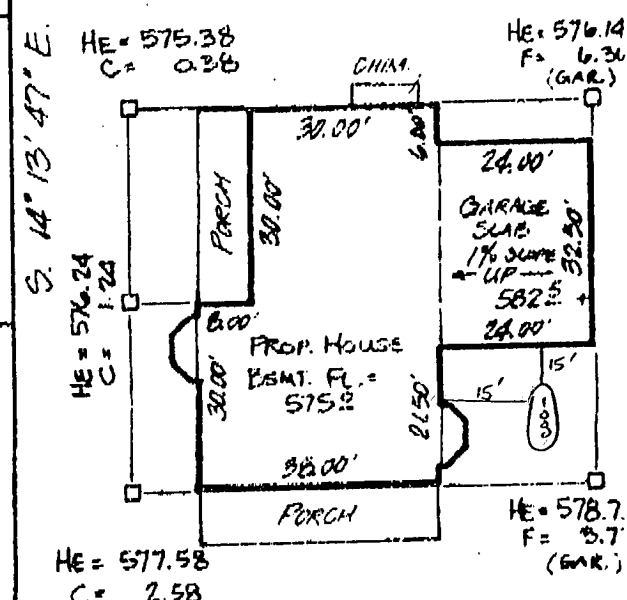
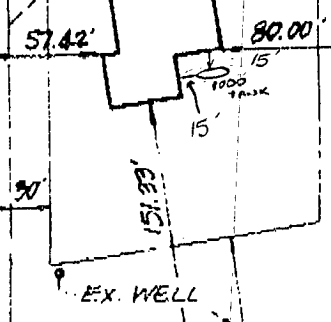
N. 14° 13' 47" W.

S. 67° 47' 57" W.
201.95'

3
3.00000
ACRES

10,000' PRIVATE
SEWAGE
ESMT.

BUILDING RESTRICTION LINE



DETAIL
1" = 30'

- ① as shown
- ① on per. C.O. of 4/21/95. Cpl

TRIADELPHIA ROAD

B.P. #60.210
6/15/95
OK Cpl

HE - HUB ELEVATION
C - CUT F - FILL

BUILDING STAKEOUT

FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

LOT 3	BLOCK —	SECTION —	SUBDIVISION CHARLES SHARP SUBDIV.
SCALE: 1" = 100'		This property lies within a minimal flood hazard zone as determined by F.E.M.A.	
DATE: NOVEMBER 2, 1994		ZONE: C PANEL: 20-B	
CLIENT: MARLENE & JAMES BECK		MAP: 700044	
Surveyor's Certificate I hereby certify that the position of all the existing improvements shown on the above described property has been carefully determined by a transit-tape survey and that unless shown otherwise there are no			

5-3-95
WPI
any time

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation _____
Replacement _____

Receipt # _____
Date _____

Name of Installer _____

Telephone _____

License Number _____

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber _____

Name of Property Owner James & Marilyn Wright

Telephone _____

Subdivision Charles Sharp S/D Lot # 3 Well Tag # HO-88-0769

Site Address 14190 Triadelphia Rd

Pump

1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible _____

Motor

1. Horsepower _____
2. RPM _____
3. Voltage _____
 - a. 110 _____
 - b. 220 _____

Pitless Adapter

1. Make _____
2. Model # _____
3. Depth _____

2. Make _____

3. Model # _____

4. Capacity _____ GPM

5. Pump exceeds well capacity Yes _____ No _____

6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____

Tank

1. Capacity _____
2. Pressure relief valve? _____

Piping

1. Type _____
2. Size _____
3. NSF and/or BOCA Code approved _____
4. Depth of supply line _____

Well data

1. Depth 225 ft.
2. Yield 20 GPM
3. Static water level 27 ft.
4. Will water supply be disinfected by installer? _____

P.A. OK 3 1/2 B.G.
MR 5/3/95

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.

Signature of Applicant: _____

Date: _____

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

B 1 5684 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (DP USE ONLY) 5684	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 40-88-0769 fill in this form completely
Date Received (APA) 08/24/89 OWNER INFORMATION GROSEN DEVELOPMENT CO 3775 SHADY LANE GLENWOOD MD 21738		B 3 LOCATION OF WELL HOWARD CHARLES SHARP SUB SECTION 44 46 LOT 3 50 GLENMELG MILES FROM TOWN (enter 0 if in town) 1 MI	
DRILLER INFORMATION Joseph L. Mayne Joseph L. Mayne Well Drilling 5512 RIDGE RD. Mt. Airy 21771 5/22/89		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500		ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NEAR WHAT ROAD DISTANCE FROM ROAD 110 FT	
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) ☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) ☐ PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) ☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A-34729 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 06/16/89 Craig Williams 12/16/89 NORTH GRID 519000 EAST GRID 0498000	
APPROXIMATE DEPTH OF WELL 200 FEET APPROXIMATE DIAMETER OF WELL 6 INCH		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 490 8 N 520 19	
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY Drive-POINT other		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 DEEPEINED WELLS (CIRCLE APPROPRIATE BOX) ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)		Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP FORCE PERMIT No. 40-88-0769	
SPECIAL CONDITIONS			

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0769
Location of property (road) TRIAD/ELPHIA RD.
Subdivision CHARLES SHARP SUB. Lot 3 Block Plat Sec.
Well Driller JOSEPH MAYNE Owner CROSEN Development

Depth of well 225'
Distance of measuring point (M.P.) above ground 1 1/2'
Static water level (S.W.L.) below M.P. 27'

I. High rate pumping -- reservoir drawdown

Time pump started 2:20 Pumping rate 20 gpm
Total time 15 min to reach pumping water level 37 ft. below M.P.

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

[illegible]

C1 0203 SEQUENCE NO. (DENV USE ONLY)
(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 34729

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8 13

070687

22 725 26
(TO NEAREST FOOT)

40-88-0269
28 29 30 31 32 33 34 35 36 37

OWNER C. Joseph Do del Campo Co.
STREET OR RFD Philadelphia Rd first name Do del Campo TOWN Cleopatra
SUBDIVISION C. Joseph SECTION 3 LOT 3

WELL LOG

Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed) FEET FROM TO Check if water bearing

SAND Stone 0 55
Gray Mip 55 225 ✓
rock

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 11 NO. OF POUNDS 1034

GALLONS OF WATER 66

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 20 ft.
(enter 0 if from surface)

casing types insert appropriate code below

CASING RECORD

STEEL ST CONCRETE CO
PLASTIC PL OTHER OT

MAIN CASING TYPE

Nominal diameter top (main) casing (nearest inch)

Total depth of main casing (nearest foot)

ST 6 60

EACH CASING

OTHER CASING (if used)

diameter inch depth (feet) from to

screen type or open hole insert appropriate code below

SCREEN RECORD

STEEL ST BRASS BR OPEN HOLE HO
BRONZE PL HOLE OT
PLASTIC PL OTHER OT

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

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

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 20

METHOD USED TO MEASURE PUMPING RATE Flow Meter

WATER LEVEL (distance from land surface)

BEFORE PUMPING 27

WHEN PUMPING 27

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)

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)

20' 25'

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. 734

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

COUNTY