

DRILLER: REMOVE COPY AND RETAIN FOR YOUR RECORDS. RETURN COUNTY COPY TO COUNTY ENVIRONMENTAL AGENCY. SUBMIT COPY TO OWNER. RETURN ALL OTHER PARTS TO DEPARTMENT OF ENVIRONMENT, 2500 BROENING HIGHWAY, BALTIMORE, MARYLAND 21224.

C 1	5113	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		FILL IN THIS FORM COMPLETELY PLEASE TYPE		
ST/CO USE ONLY DATE Received MM DD YY 10 07 10		DATE WELL COMPLETED MM DD YY 09 13 10		COUNTY NUMBER

OWNER <i>Orlando</i>	DATE WELL COMPLETED MM DD YY 09 13 10	Depth of Well 22 <u>400'</u> 26 (TO NEAREST FOOT) <i>a little light</i>	PERMIT NO. FROM "PERMIT TO DRILL WELL" <u>HO-95-1969</u>
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STREET OR RFD 6894 Haviland Mill Rd TOWN Clarksville
 SUBDIVISION Nearings SECTION _____ LOT 2B3

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	
<i>Stiff Brown sandy micaceous silt</i>	0'	25'	
<i>Weathered Rock</i>	25'	32'	
<i>Rock gray schist</i>	32'	400'	<input checked="" type="checkbox"/>

GROUTING RECORD	
WELL HAS BEEN GROUTED (Circle Appropriate Box)	<input checked="" type="radio"/> Y <input type="radio"/> N
TYPE OF GROUTING MATERIAL (Circle one)	
CEMENT <input checked="" type="radio"/> CM	BENTONITE CLAY <input checked="" type="radio"/> BC
NO. OF BAGS <u>32</u>	NO. OF POUNDS <u>1600</u>
GALLONS OF WATER <u>200</u>	
DEPTH OF GROUT SEAL (to nearest foot)	
from <u>0</u> TOP	ft. to <u>400'</u> BOTTOM

CASING RECORD	
casing types insert appropriate code below	<input checked="" type="radio"/> ST STEEL
	<input type="radio"/> PL PLASTIC
MAIN CASING TYPE	<input type="radio"/> CO CONCRETE
	<input type="radio"/> OT OTHER
Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
_____	_____

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

SCREEN RECORD	
screen type or open hole	<input checked="" type="radio"/> ST STEEL
(insert appropriate code below)	<input type="radio"/> BR BRASS
	<input type="radio"/> PL PLASTIC
	<input type="radio"/> HO OPEN HOLE
	<input type="radio"/> OT OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED Y N

- 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 LIC. NO. M WD 580

DRILLERS SIGNATURE _____
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. M D

DEPTH (nearest ft.)	
E A C H S R E E N	1 2
8 9 11 15 17 21	3 4
23 24 26 30 32 36	5 6
38 39 41 45 47 51	7 8
SLOT SIZE 1 _____ 2 _____ 3 _____	
DIAMETER OF SCREEN (NEAREST INCH)	
_____	_____
from	to

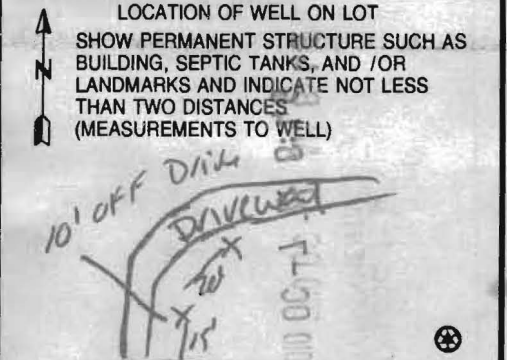
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 _____

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

T _____ W Q _____

PUMPING TEST	
HOURS PUMPED (nearest hour)	8 9
PUMPING RATE (gal. per min.)	11 15
METHOD USED TO MEASURE PUMPING RATE _____	
WATER LEVEL (distance from land surface)	
BEFORE PUMPING	17 20 ft.
WHEN PUMPING	22 25 ft.
TYPE OF PUMP USED (for test)	
<input checked="" type="radio"/> A air	<input type="radio"/> P piston
<input type="radio"/> C centrifugal	<input type="radio"/> R rotary
<input type="radio"/> J jet	<input type="radio"/> S submersible

PUMP INSTALLED	
DRILLER INSTALLED PUMP (CIRCLE) (YES or NO)	YES NO
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.	
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29	
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	LAND SURFACE (nearest foot)
- below	
49	50 51



B 1 8855

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

Ho-95-1969 fill in this form completely

533958

please type

Date Received (APA)

08 09 10

OWNER INFORMATION

Orlando Owner First Name
6894 Haviland mill Rd. Street or RFD
Clarksville MD 21029 Town State Zip

B 3

LOCATION OF WELL

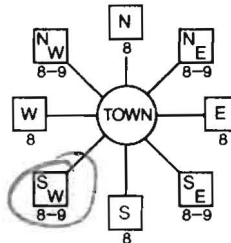
Howard COUNTY
Nearings SUBDIVISION
SECTION 44 46 LOT 48 50 3
Clarksville NEAREST TOWN
MILES FROM TOWN (enter 0 if in town) 3.2

DRILLER INFORMATION

Edward Grass Driller's Name MWD 580 License No.
Long Green Energy (410-409-2260) Firm Name
11959 Harford Rd Glen Burnie MD 21057 Address
Edward P. Grass Signature 8/9/10 Date

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



6894 Haviland mill Rd NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
530 420 DISTANCE FROM ROAD FT
ENTER FT OR MI
TAX MAP: 40 BLK: 1 PARCEL 4

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION
INDUSTRIAL, COMMERCIAL, DEWATERING
PUBLIC WATER SUPPLY WELL
TEST, OBSERVATION, MONITORING
GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) P32598 COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 8/23/2010 Brian Baker 8/23/2011
CO SIGNATURE EXP. DATE
NORTH GRID 491 000 EAST GRID 801 000

APPROXIMATE DEPTH OF WELL 400 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST 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

REPLACEMENT OR DEEPEMED 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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
THIS WELL WILL DEEPEM AN EXISTING WELL

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

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

APPROX. PERMIT NUMBER G

PERMIT No. Ho-95-1969

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

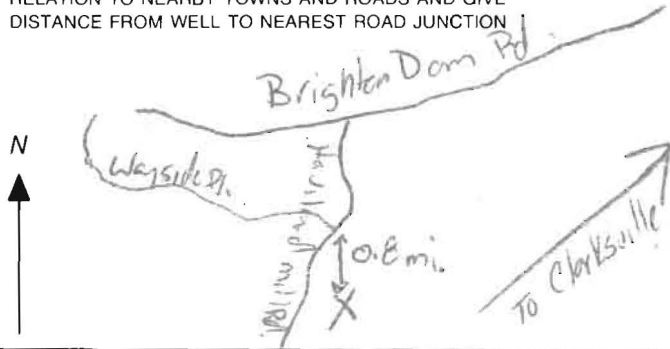
SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE

E 801
N 4941

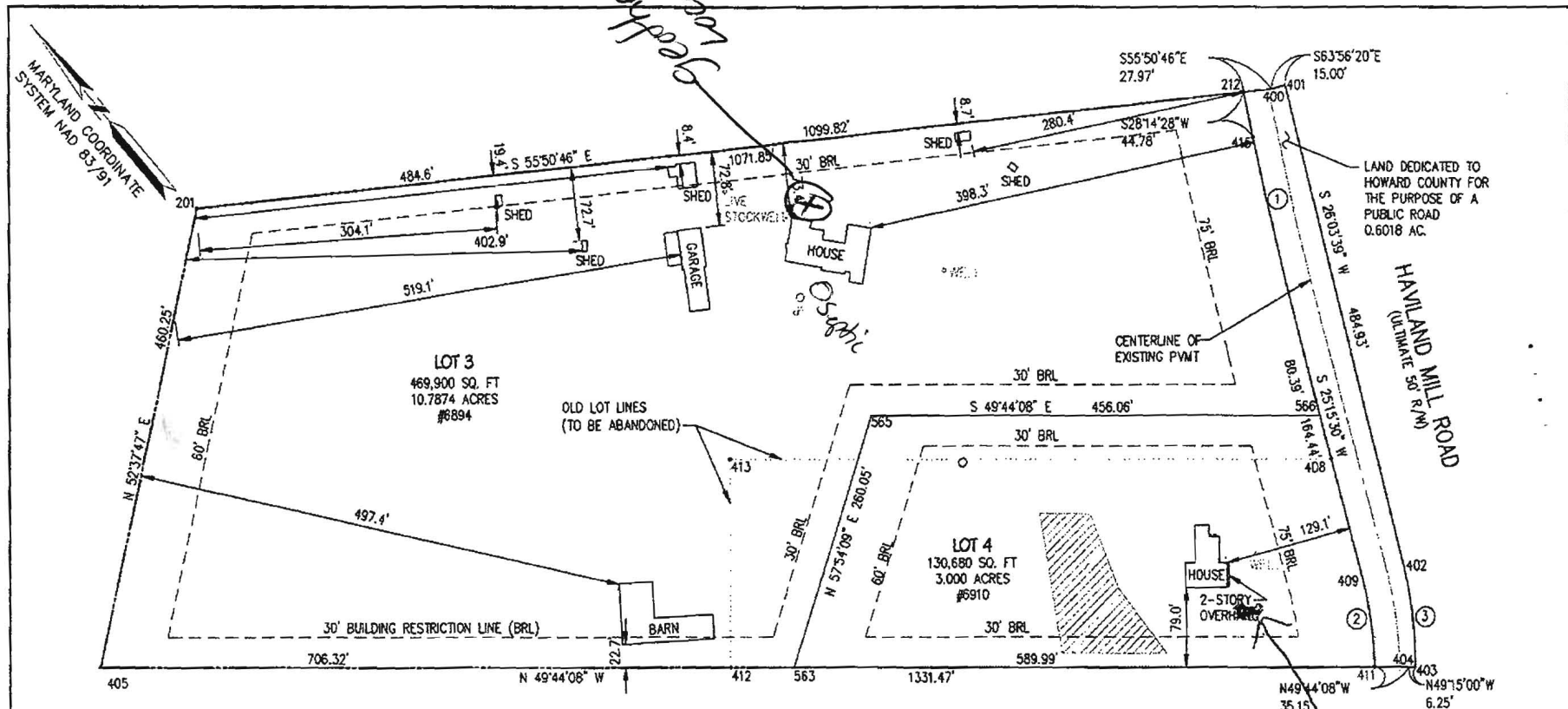


DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



LOCATION NOTE

THIS IS TO CERTIFY THAT I HAVE LOCATED THE IMPROVEMENTS ON THE PROPERTY SHOWN HEREON, AND THAT SAID IMPROVEMENTS EXIST, AND THAT SAID IMPROVEMENTS LIE ENTIRELY WITHIN THE BOUNDARIES, EXCEPT WHERE SHOWN.



C. Alley
4/28/10

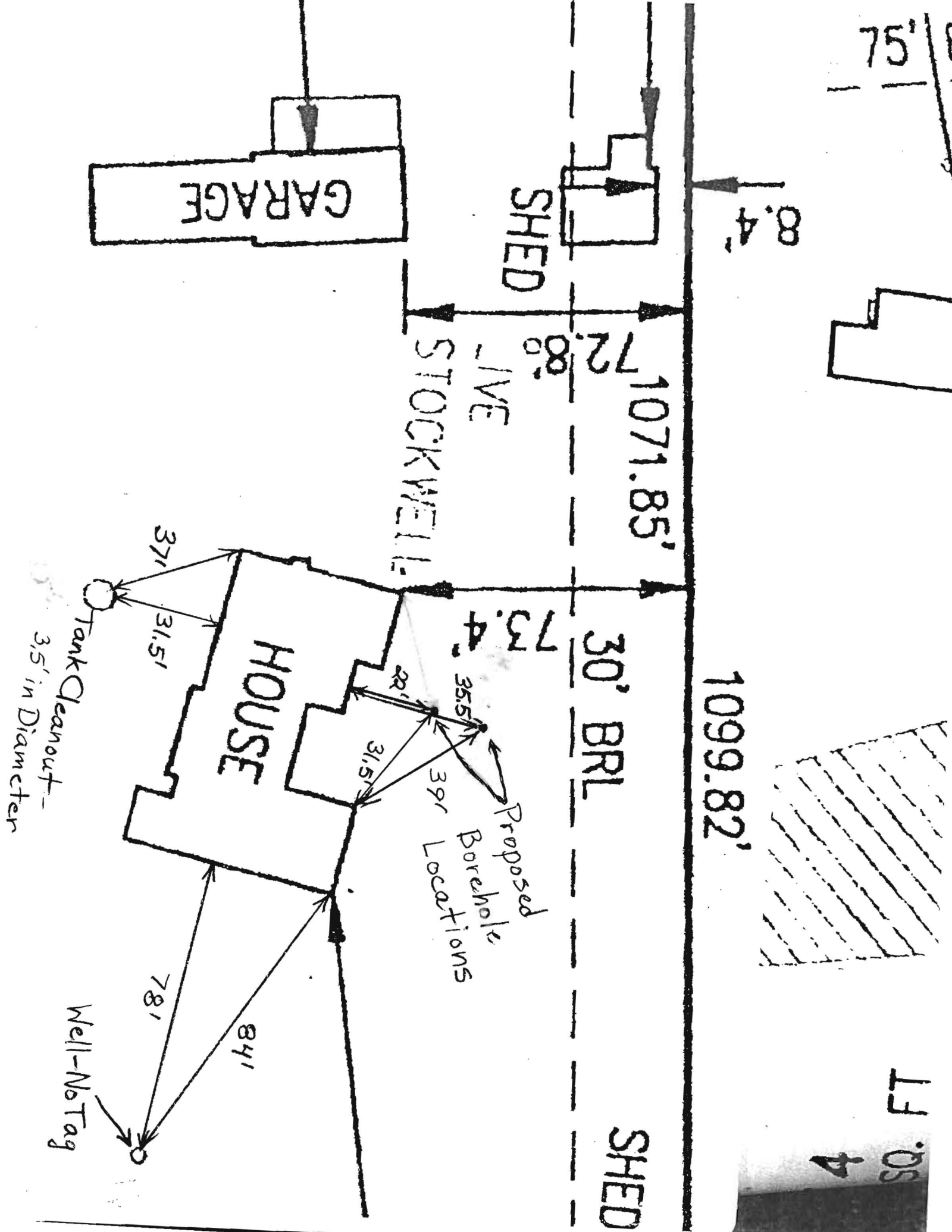
FINAL CERTIFICATION PLAT LOTS 3 AND 4
NEARING'S SUBDIVISION

TAX MAP #40 PARCEL 4
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: 1" = 100' APR 27 2010 SHEET 1 OF 1

KCI
TECHNOLOGIES

ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS
801 Mine Lane Building
Suite 100
Farmingdale, MD 20729
Tel: (410) 792-8086
Fax: (410) 792-7199



75'

1099.82'

4 SQ. FT