

# PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-344022

P 512764

A 35187

DISTRICT \_\_\_\_\_

DATE 10-14-1999

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 10/22/99

INSPECTOR DKS

INDEXED

Will Hopkins Excavating IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 17550 Old Frederick Road, Mt. Airy, MD 21771 PHONE 410-549-2575

SUBDIVISION J.P. Helton Property LOT 1 ROAD 1370 Florence Road

PROPERTY OWNER J.P. Helton

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

300 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 400

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 200 feet from front lot line (196.50') and 130 feet from left (832.95') lot line as viewed from Florence Road. Install trenches on contour in both directions from distribution box.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 8/18/99 OK ALL

PLANS APPROVED BY Ronald J. Pinkley/Amy McMillen DATE 8/05/1999

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.

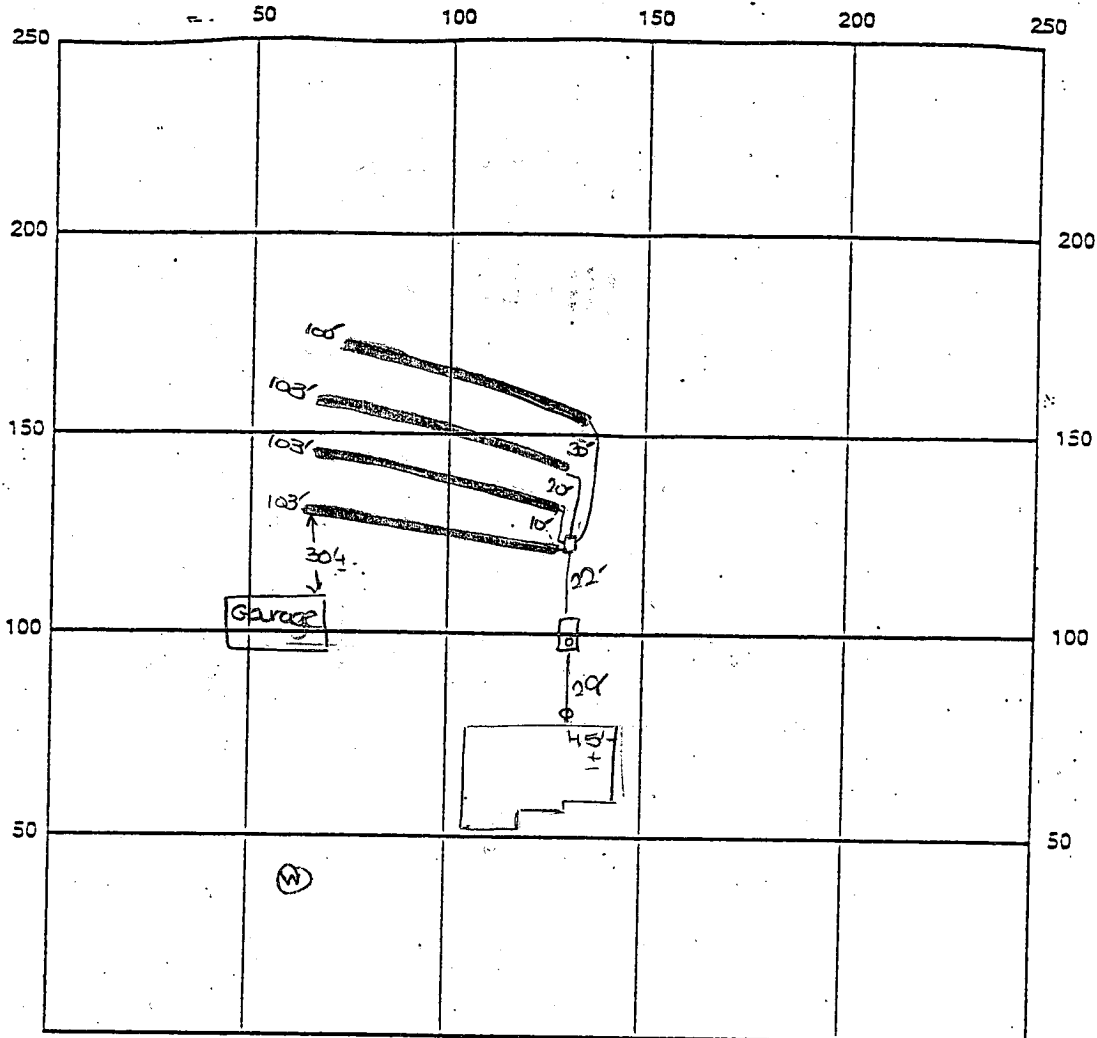
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

BLDG. PERMIT SIGN ( )  
AND RETURNED 7-22-99  
SHED B00119280

A 35187

NOT TO SCALE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Florence Road

SEPTIC TANK LEVEL OK-1250gal 4.5. CLEANOUTS one at house, one on s.f.

DISTRIBUTION BOX LEVEL OK

~~TILE~~ DRAIN FIELD/TILE DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 3x103 FT. 7409

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 1227 SQ. FT.

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

ABSORBENT AREA      SQ. FT.

REMARKS: 10/22/99 Final septic inspection - OK to cover  
all work. DKS

DATE SYSTEM APPROVED 10/22/99 INSPECTOR [Signature]

HOWARD COUNTY HEALTH DEPARTMENT  
 Bureau of Environmental Health  
 3824-N Hillcrest Mills Drive  
 Hillcrest City, MD 21049  
 401-8933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation  Replacement   
 Receipt # \_\_\_\_\_ Date \_\_\_\_\_  
 Name of Installer Van Sant Pkg & Htg. Inc. Telephone 41-837-0449  
 License Number \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber \_\_\_\_\_  
 Carried Well Pump Installer \_\_\_\_\_  
 Name of Property Owner J.P. Helton Telephone \_\_\_\_\_  
 Subdivision \_\_\_\_\_ Lot # \_\_\_\_\_ Well Tag # HO-94-2137  
 Site Address 1370 Pleasant Rd.

Pump  
 1. Type  
 a. Deep well jet \_\_\_\_\_  
 b. Shallow well jet \_\_\_\_\_  
 c. Submersible   
 2. Make Whisper  
 3. Model # 2-125  
 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 \_\_\_\_\_

Motor  
 1. Horsepower 1/2  
 2. RPM \_\_\_\_\_  
 3. Voltage  
 a. 110 \_\_\_\_\_  
 b. 220

Pitless Adapter  
 1. Make \_\_\_\_\_  
 2. Model # \_\_\_\_\_  
 3. Depth 40"

Tank  
 1. Capacity 100  
 2. Pressure relief valve? Yes

Piping  
 1. Type P.C.  
 2. Size 1"  
 3. NSF and/or BOCA Code approved   
 4. Depth of supply line 40"

Well data  
 1. Depth 160 ft.  
 2. Yield \_\_\_\_\_ GPM  
 3. Static water level \_\_\_\_\_ ft.  
 4. Well water supply be disconnected by installer? Yes

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.  
 10/12/99-WPI OK (SRK)  
 Signature of Applicant: [Signature]  
 Date: 10/12/99

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

# APPLICATION

5/27/85  
9:30  
no show

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 35187

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT Hittite

DATE March 18, 1985

REQ. PERMIT SIGNED

AND RETURNED 8-5-99

Serial #B10119538  
SFD-4Bw

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 J. P. Hutton

ADDRESS 1404 Florence Rd. Mt. Airy, Md. PHONE 829-2964

PROPERTY LOCATION: same

SUBDIVISION Hutton property LOT NO. 1

ROAD AND DESCRIPTION Florence Rd. Set back on west side of road 1/4 mi. from Song Corners Rd. (1370 FLORENCE ROAD)

SIZE OF LOT 3 acres TYPE BLDG. single family 3 or 4  
(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. J. P. Hutton  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 6-20-85 Perc. results Satisfactory, Hold For certified hole location. Small

REQ. PERMIT SIGNED

AND RETURNED 7-22-99

Serial #B10119289  
SFD - Storage Shed

# THIS IS NOT A PERMIT

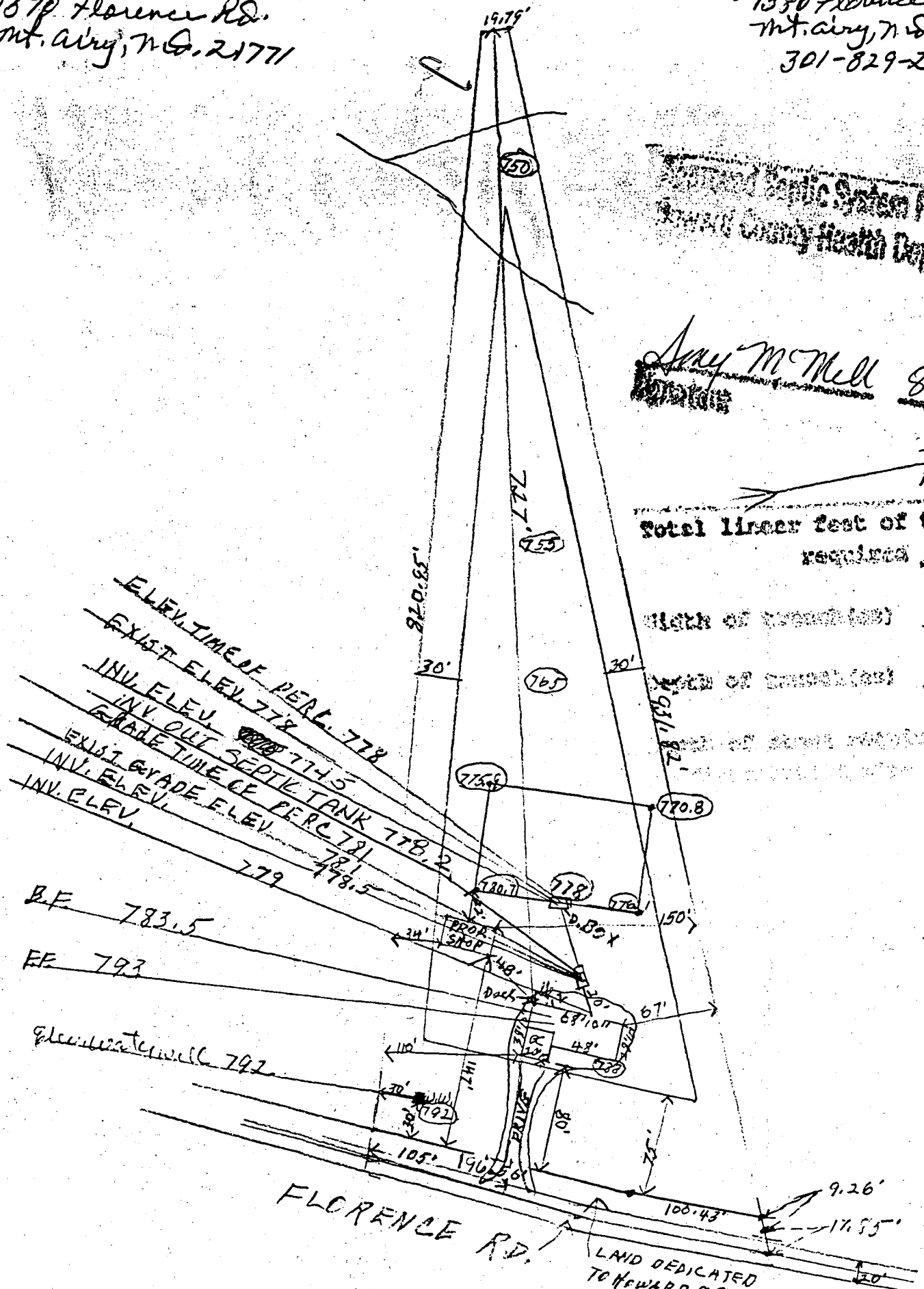


property location  
 1370 Florence Rd.  
 Mt. Airy, N.C. 21771

Owner - J. P. Helton  
 1380 Florence Rd.  
 Mt. Airy, N.C. 21771  
 301-829-2964

Sanitary Sewer System Plan  
 Person County Health Department

Amy McMill 8/5/99  
 Date



Total linear feet of trench required 400 feet  
 width of trench (top) 30 feet  
 width of trench (bottom) 5.5 feet  
 depth of trench required below ground surface 2.0 feet

ELEVATION PERL. 778  
 EXIST. ELEV. 778  
 INV. ELEV. 778  
 INV. ELEV. 778  
 EXIST. GRADE OF PERC. TANK 781  
 INV. ELEV. 781  
 INV. ELEV. 779  
 B.F. 783.5  
 E.E. 793  
 Elevation well 792

FLORENCE RD.

LAND DEDICATED TO HIGHWAY CG FOR ROAD

Scale 1" = 100'

C 1 9634

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

1 2 3 6

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER A35187

ST/CO USE ONLY DATE RECEIVED MM DD YY

DATE WELL COMPLETED 02 25 99 Depth of Well 205

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2137

OWNER Halton, J.P. STREET OR RFD Florence Road TOWN Long Corner SUBDIVISION The Halton Property SECTION LOT 1

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Brown Shale, Brown Slate, Blue Slate, Brown Slate, Blue Slate, Flint Rock, Blue Slate.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (C/M), CEMENT (C/M), BENTONITE CLAY (B/C), NO. OF BAGS 10, NO. OF POUNDS 700, GALLONS OF WATER 60, DEPTH OF GROUT SEAL 30.

CASING RECORD: MAIN CASING TYPE (P/L), Nominal diameter top (main) casing 6, Total depth of main casing 30.

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

SCREEN RECORD: screen type or open hole (H/O), insert appropriate code below.

NUMBER OF UNSUCCESSFUL WELLS: 0, WELL HYDROFRACTURED: YES (Y), NO (N).

CIRCLE APPROPRIATE LETTER: A (well abandoned), E (electric log), P (test well converted).

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.

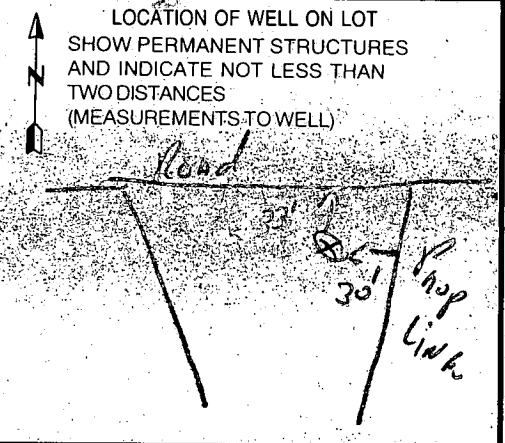
DRILLERS LIC. NO. MSD116, DRILLERS SIGNATURE, LIC. NO. MSD117, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

DEPTH (nearest ft.) table with rows 1-21 and columns 1-21. Values include 28, 205.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68, MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.), TELESCOPE CASING LOG INDICATOR.

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 10, METHOD USED TO MEASURE PUMPING RATE bucket, WATER LEVEL BEFORE PUMPING 48, WHEN PUMPING 65, TYPE OF PUMP USED (S) submersible.

PUMP INSTALLED: DRILLER INSTALLED PUMP (NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29, CAPACITY GALLONS PER MINUTE 31, PUMP HORSE POWER 37, PUMP COLUMN LENGTH 41, CASING HEIGHT (+) above, LAND SURFACE 2 (nearest foot).



B 1 4708

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER HO-94-2/37 fill in this form completely

Date Received (APA) 2/16/99 OWNER INFORMATION HILTON J.P. 1380 FLORENCE RD Mt Airy MD 21071

LOCATION OF WELL HOWARD COUNTY THE HILTON PROPERTY SECTION 1 LOT I Long Cornon NEAREST TOWN MILES FROM TOWN I MI

DRILLER INFORMATION NAH MAYNE MSD 116 Driller's Name License No. RALPH MAYNE well drilling Firm Name 9120 Brown Church Rd Mt. Airy Address Ralph Mayne 2-10-99 Signature Date

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) FLORENCE RD. NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD FL ENTER FT OR MI TAX MAP: 6 BLK: PARCEL 38

WELL INFORMATION APPROX. PUMPING RATE 5 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

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 COUNTY NAME A3518P COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 2/22/99 EXP. DATE 3/22/00 NORTH GRID 546000 EAST GRID 0759000

APPROXIMATE DEPTH OF WELL 150 FEET APPROXIMATE DIAMETER OF WELL 6 IN NEAREST INCH

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 7659 N 55046

METHOD OF DRILLING (circle one) BORED (or Augered) AIR-ROTARY JETTED AIR-PERCussion ROTARY (Hydraulic Rotary) other

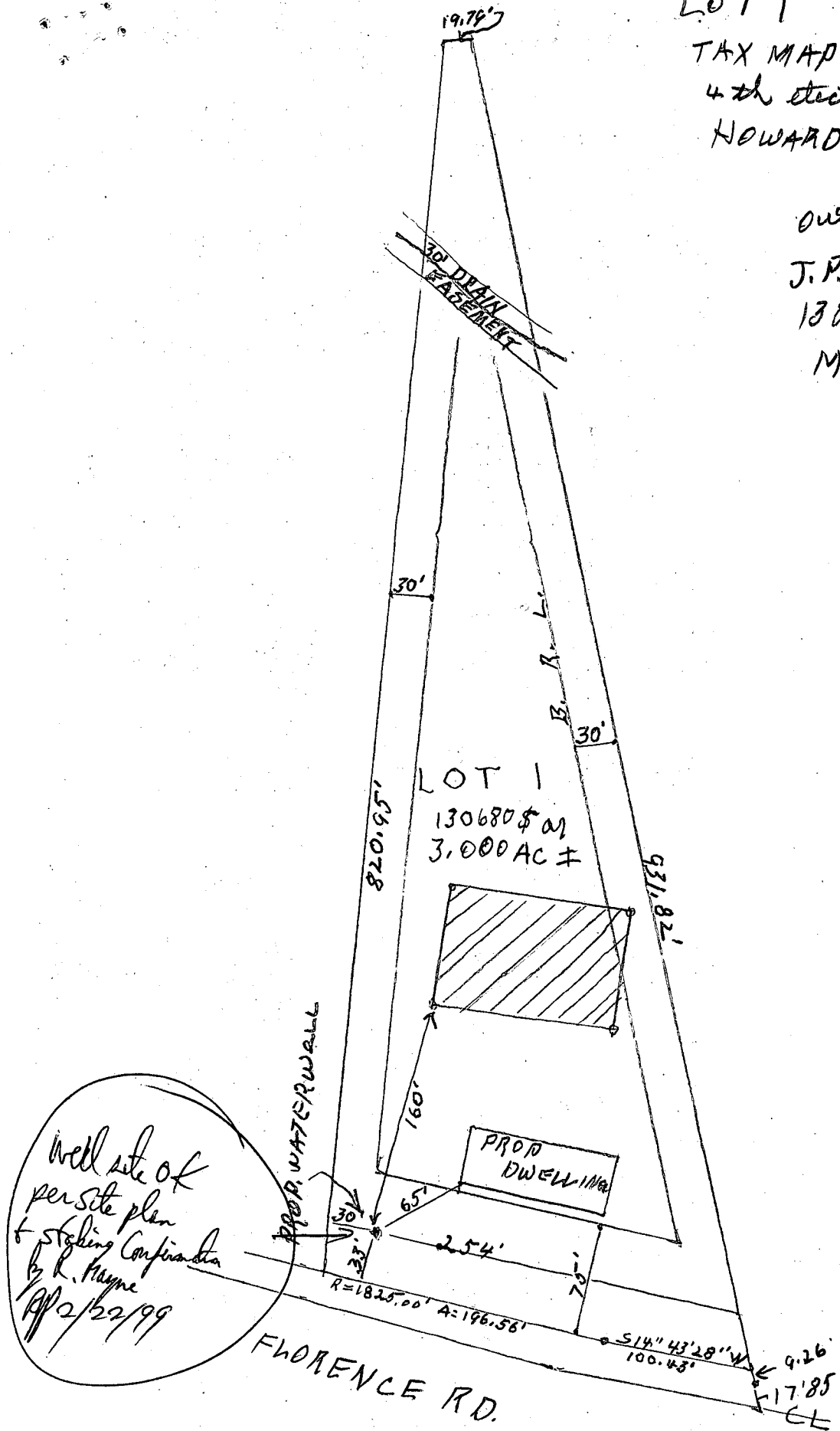
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

Not to be filled in by driller. (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER 54 63 PERMIT No. HO-94-2/37

THE HELTON PROPERTY  
 LOT 1 SECTION 1  
 TAX MAP #6 PARCEL #38  
 4th section dist.  
 HOWARD CO. MD.

OWNER  
 J. P. HELTON  
 1380 FLORENCE Rd.  
 MT. AIRY, MD 21771  
 301-829-2964



LOT 1  
 130680 sq ft  
 3.000 AC ±

PROP DWELLING

PROP WATERWALL

PROP DWELLING

FLORENCE RD.

Well site of  
 per site plan  
 & Staking Confirmation  
 by R. Payne  
 1/22/99

R=1825.00' A=196.56'

S14°43'28"W  
 100.43'

9.26'  
 17'85"  
 CL

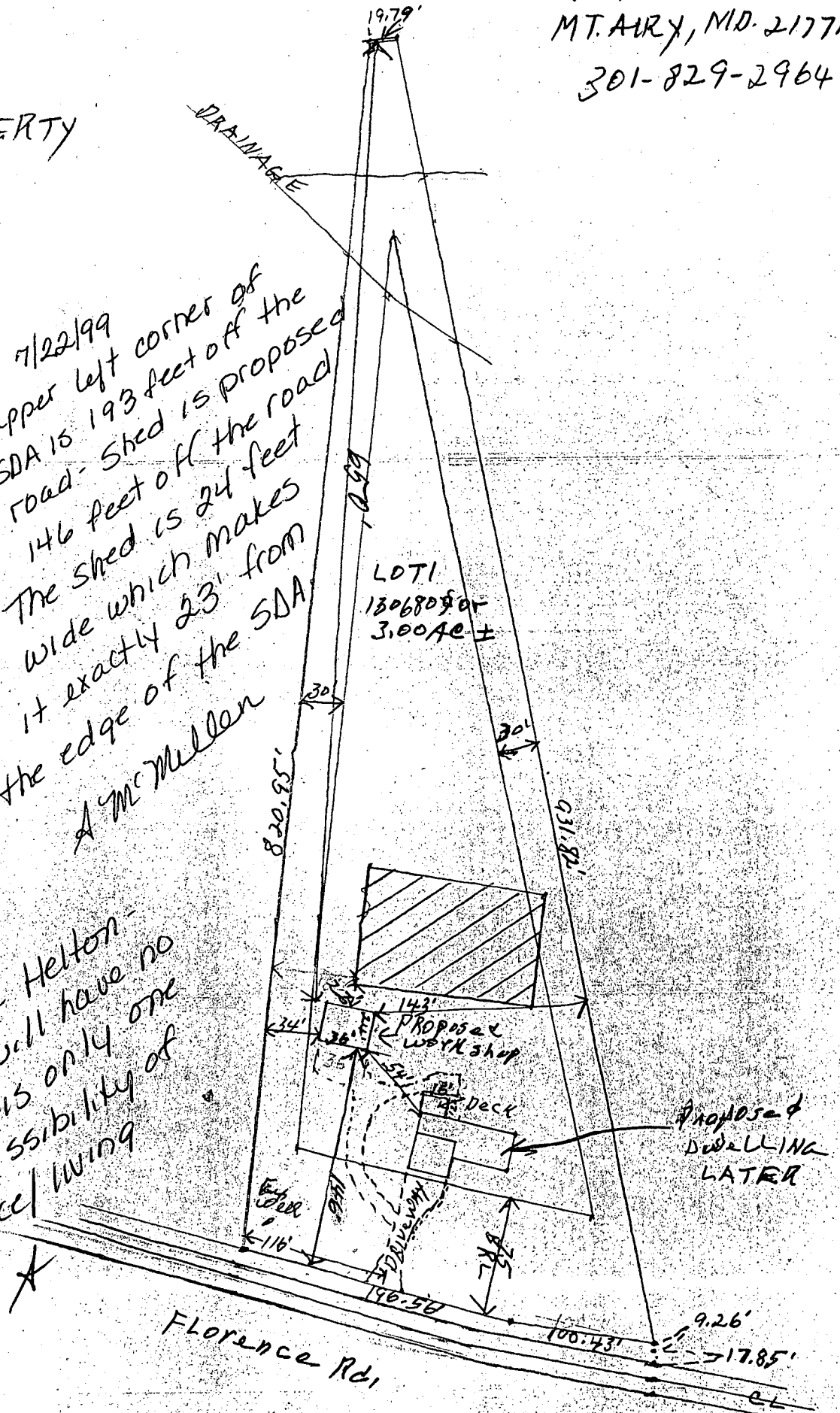
J.P. HELTON  
 1380 FLORENCE Rd,  
 MTAARY, MD. 21771  
 301-829-2964

LOT 1  
 SECTION 1  
 HELTON PROPERTY  
 4TH DIST.  
 Proposed  
 WORK SHOP

7/22/99  
 Upper left corner of  
 SDA is 193 feet off the  
 road. Shed is proposed  
 146 feet off the road  
 The shed is 24 feet  
 wide which makes  
 it exactly 23" from  
 the edge of the SDA.  
 A McMullen

PROPOSED  
 WORK SHOP  
 LOCATION

Per owner - Mr Helton -  
 Storage shed will have no  
 plumbing - it is only one  
 story so no possibility of  
 upstairs office wing  
 quarters.



SCALE 1"=100'