

1/4/90 AM

04-347579

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

P 45345

A 38727

DISTRICT 4th

DATE 12/3/89

DATE SYSTEM APPROVED 1/4/90

INSPECTOR RH

Fogle's Refuse & Septic Service, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 558 R. Obrecht Road, Sykesville, Maryland 21784 PHONE 795-5670

SUBDIVISION Morgan Station ROAD 845 Old Station Court LOT 20

PROPERTY OWNER Edward A. Riley

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

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 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Start the first trench 185 feet from the front lot line and 150 feet from the left lot line as seen when facing the lot from The Old Station Court. Run trenches on contour in both directions.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. ok/cw

PLANS APPROVED BY Sid Abel DATE 5/23/89

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES)

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

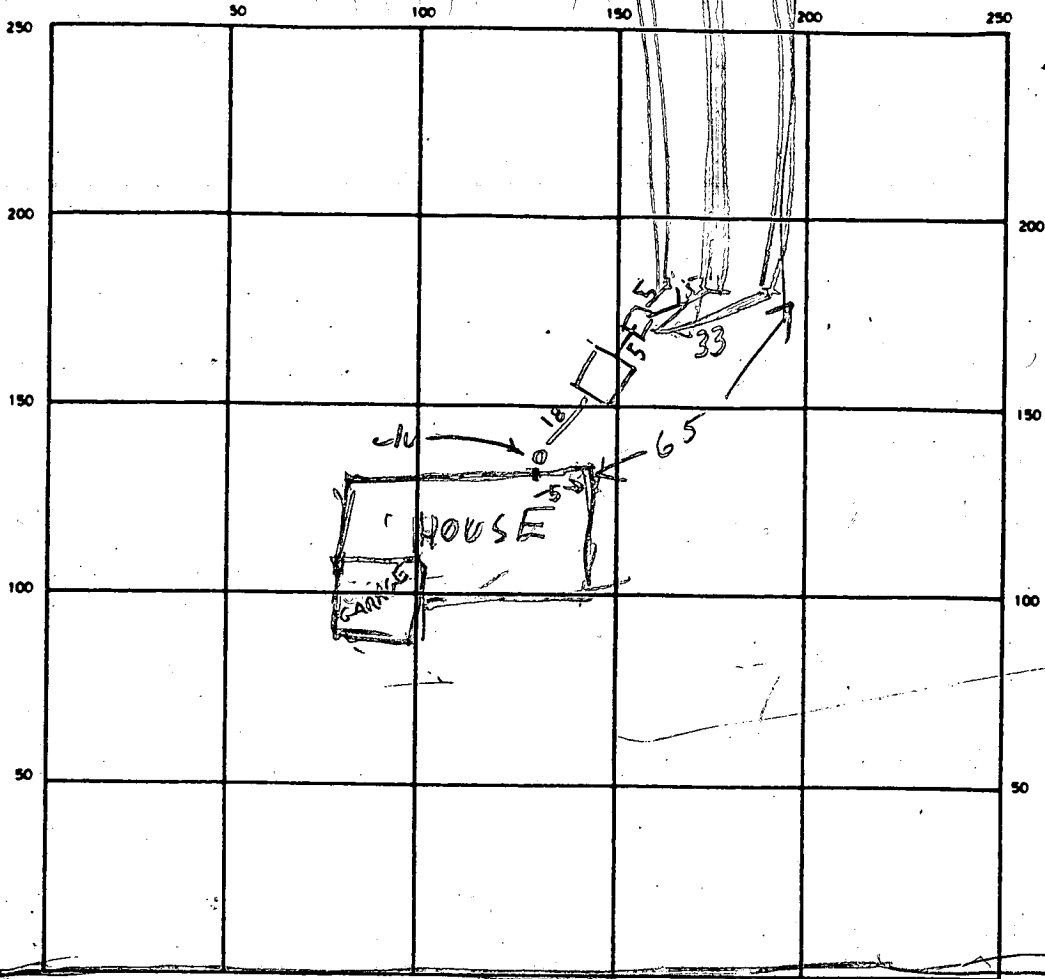
BUILDING PERMIT SIGNED AND RETURNED

9/1/03 60043872-GALAGE

A 38727

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

CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 OLD STATION COURT

SEPTIC TANK LEVEL 1250 CLEANOUTS ST OK

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TILE FIELD DEPTH 5.5, 5.5, 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH 2 1/2 FT. TOTAL LENGTH 93 | 93 | 93 FT. 279

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 837 SQ. FT.

BUILDING PERMITTED
 AND RETURNED

INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 1/4/90 - LOCATION OK TRENCHES OK RIT

DATE SYSTEM APPROVED 1/4/90

INSPECTOR Raymond Hodges

APPLICATION

PERCOLATION TESTING

A. 38727

P. _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 4

DATE 12/17/86

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 Roy W. Crum + Wife Edward A. Riley

ADDRESS 791 Morgan Station Rd PHONE 776-3219
489-4995

PROSPECTIVE BUYER Hemphill Partnership

ADDRESS 10176 Baltimore National Pike Suite 210 PHONE 465-5855

PROPERTY LOCATION:
SUBDIVISION Morgan Station (Crum Property) LOT NO. 26 LOT 20 Prelimin
10/2/87

ROAD AND DESCRIPTION E/S Morgan Station Rd north of Old Frederick Rd
(845 The Old Station Court)

TAX MAP 3 PARCEL # 9

SIZE OF LOT 3 acres TYPE BLDG. SFD
(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.

Mal S. Reed
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 4-22-87 Rec. SATISFACTORY; Hold for Subdivision Plat-SAL

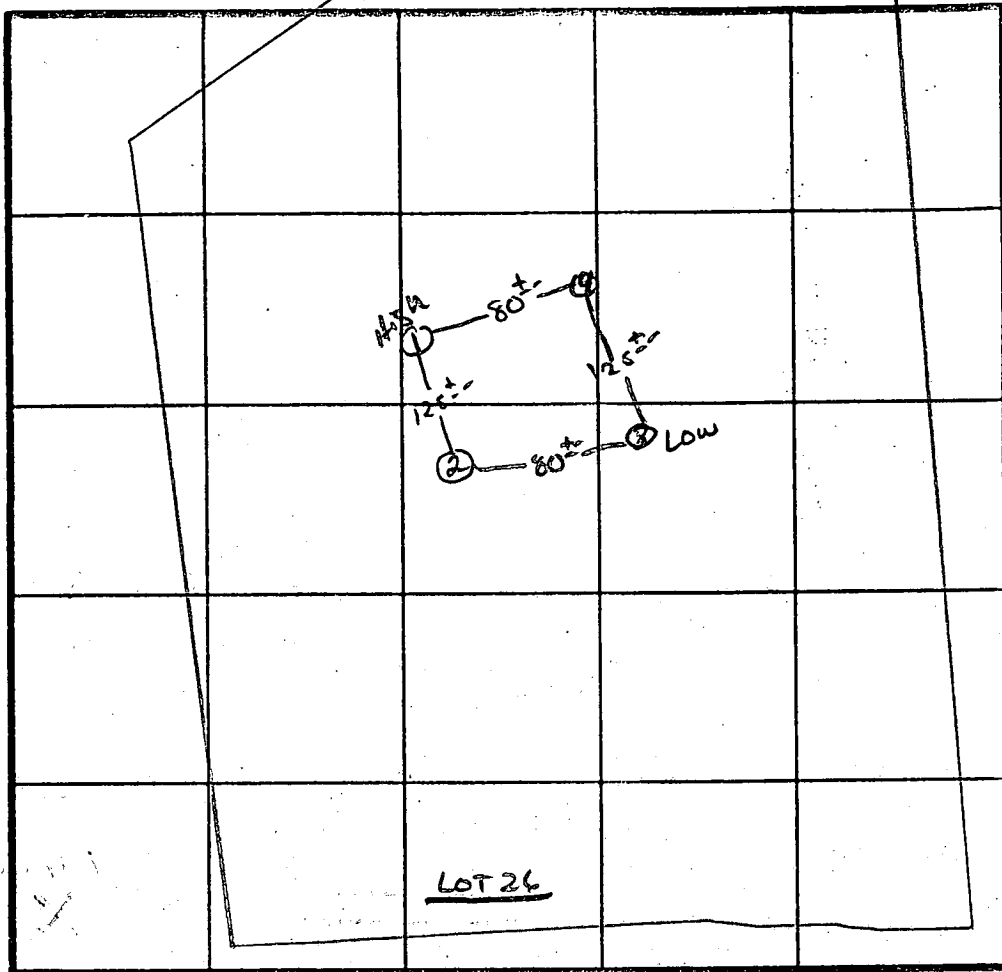
BLDG. PERMIT SIGNED
AND RETURNED 9/18/89
Jewell # 2887
SFD - 4 Bedroom

THIS IS NOT A PERMIT

① → ②

SOIL PROFILE

0°	AP
13"	Yellow Br Silt loam 9-12% clay 10-15% FRAGS
3'	Yellow Br Shaley Silt loam 30-40% FRAGS
3.5'	
13°	



X PERC 12 MIN
200 #/BR
INLET 3.5'
BOTTOM 5.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

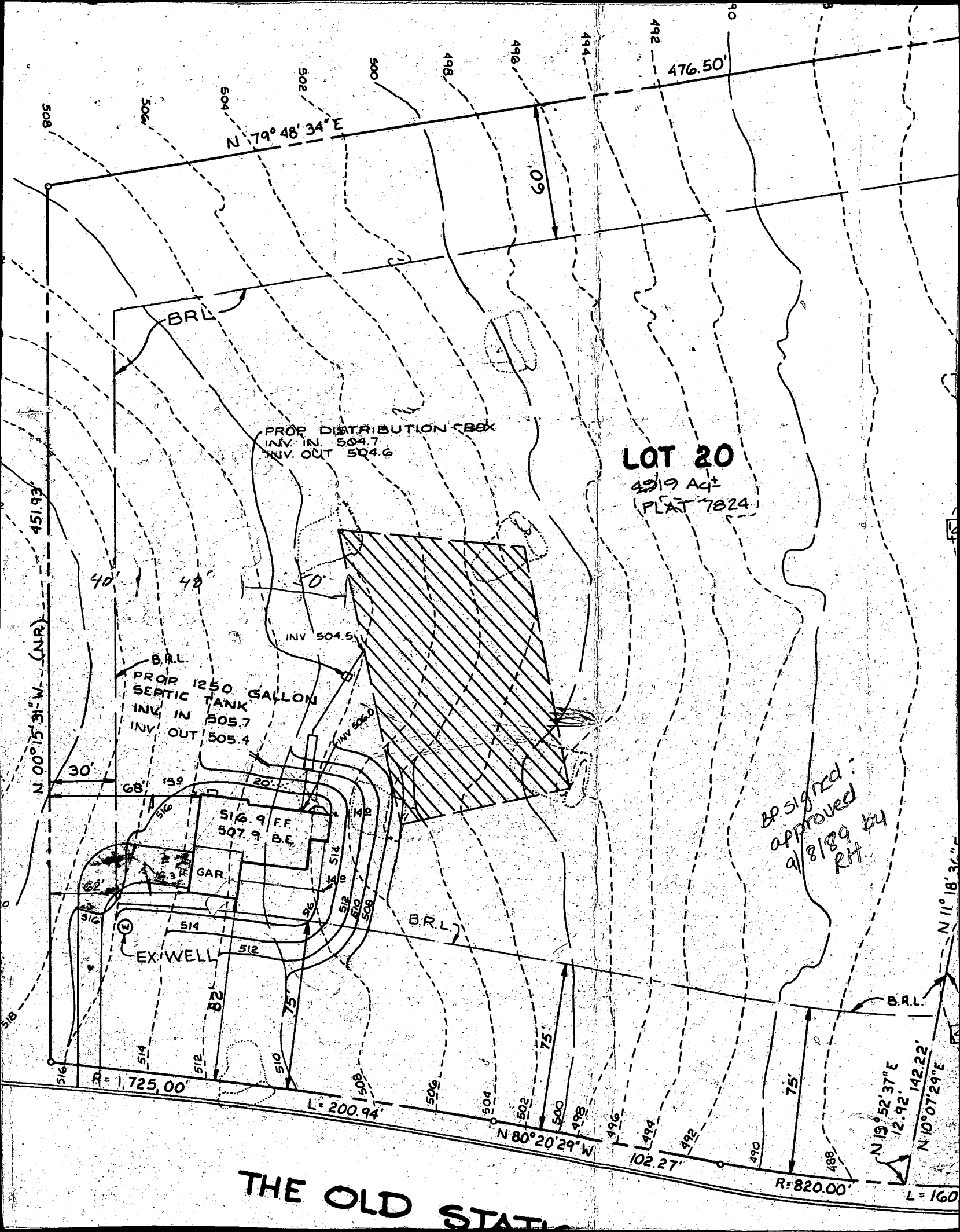
DATE	TEST NO.	DEPTH.	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
4/22/87	1 S	3.0	1:59	2:09	2:09	2:27	18 MIN
	1 M	6.5	1:58	2:03	2:03	2:13	10 MIN
	1 V	12.5	UNIFORM Soil below 0.8'				
	2 V	13'	UNIFORM Soil below 3'				
	3 S	3.5	1:39	1:44	1:44	1:55	11 MIN
	3 V	13'	UNIFORM Soil below 3'		WATER AT 13'		
	4 S	4.5	1:47	1:51	1:51	1:58	7 MIN
	4 V	13'	UNIFORM Soil below 3.5'				

REMARKS Holes Per Plat / Shallow Syst Only

TYPE OF SOIL ME clay

TESTED BY S. K. W. ALSO PRESENT O-KETTERMAN

EH-12-1079



LOT 20
 4919 Aq²
 PLAT 7824

PROP DISTRIBUTION BOX
 INV. IN. 504.7
 INV. OUT 504.6

B.R.L.
 PROP 1250 GALLON
 SEPTIC TANK
 INV. IN 505.7
 INV. OUT 505.4

516.9 FF
 507.9 BE

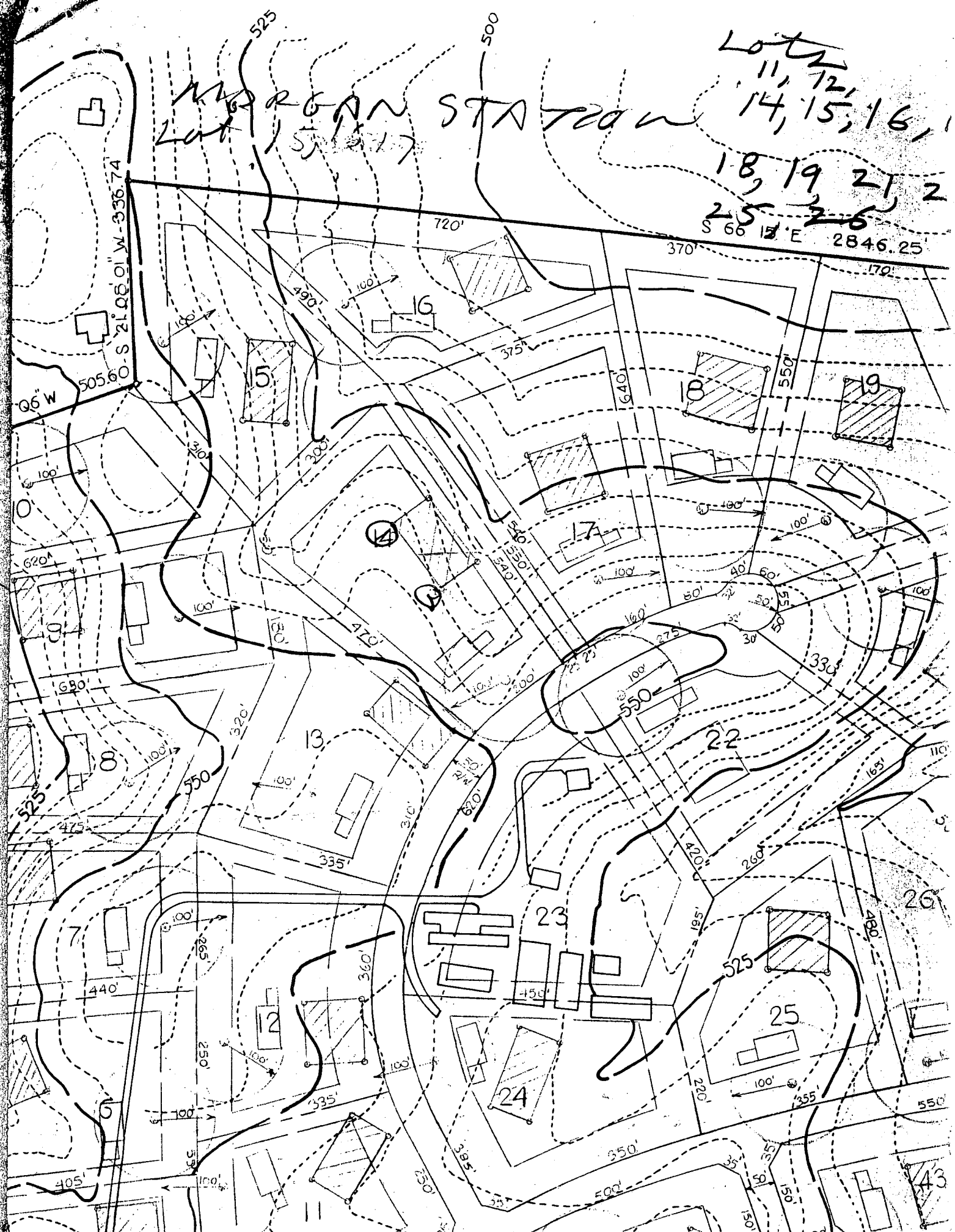
EX. WELL

*80 signed
 approved
 9/8/89 by
 RH*

THE OLD STATE

MORGAN STATION
Lot 15, 17

Lot
11, 12,
14, 15, 16,
18, 19, 21, 2
25, 26



B 1 **5912** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

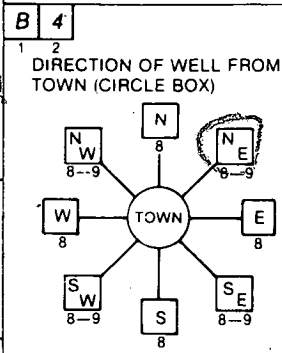
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-88-0630
 fill in this form completely

Date Received (APA) **03 22 89**
 OWNER INFORMATION
Hempel Associates
 15 Last Name Owner First Name 34
10176 Bolt Nat Park
 36 Street or RFD 55
Elliott City Md 21043
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
 1 **Howard** 21
 8 COUNTY
Morgan Station
 23 SUBDIVISION
 SECTION **44** 46 LOT **50** Parcel 9411 42
Lisbon 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **3** 73 76 77 78 MI

DRILLER INFORMATION
Frank Delph 453
 Driller's Name 77 License No. 80
Frank Delph Well Drillers Inc
 Firm Name
15234 Pennsylvania Rd Md 21044
 Address
Frank Delph 317 89
 Signature Date



Morgan Station 30
 NEAR WHAT ROAD
THE OLD STATION COURT
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 DISTANCE FROM ROAD **50**
 ENTER FT or MI **FT** 38 39

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5** 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500** 14 20

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# 38727
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE _____ INSERT S
 DATE ISSUED **05 22 89** **Chris Williams** 11/22/89
 43 CO SIGNATURE 48 EXP. DATE
 NORTH GRID **55 2 0 0 0** 50 55 EAST GRID **0 7 8 7 0 0 0** 57 63

APPROXIMATE DEPTH OF WELL **200** 24 28 FEET

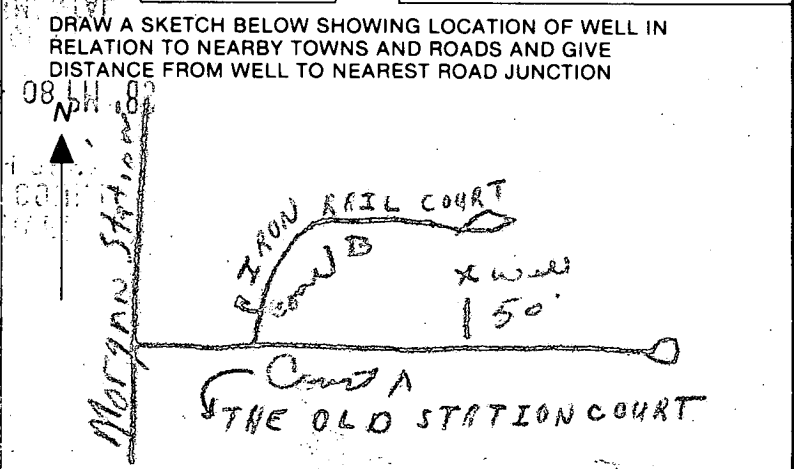
APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
 CABLE REVerse-ROTary DRive-POINT
 other _____

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

 6-14-89 at 8:00am
 58' Pipe
 50 open
 14 bags.
 800
 X well
 150'

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) _____ 41 52



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____ 54 63
 FORCE **CL** WRITE INITIALS IN BOX 67 68 PERMIT No. **HO-88-0630** 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

C1 2399

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A # 38727

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid

DEPTH OF WELL grid

PERMIT NO. grid

OWNER: HEMPHILL ASSOCIATES, last name THE OLD STATION, first name COURT, TOWN LITTON, SUBDIVISION MORGAN STATION, SECTION, LOT 20

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING.

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Shale, M.I.K.A., Sandstone, M.I.K.A., Sandstone, M.I.K.A.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL CEMENT CM, BENTONITE CLAY BC, NO. OF BAGS 14, NO. OF POUNDS 1400, GALLONS OF WATER 34, DEPTH OF GROUT SEAL (to nearest foot) from 0 to 10 ft.

CASING RECORD casing types insert appropriate code below: ST CO STEEL CONCRETE, PL OT PLASTIC OTHER

MAIN CASING Nominal diameter top (main) casing (nearest inch), Total depth of main casing (nearest foot). Codes: PL, L, 5 5/8

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

SCREEN RECORD screen type or open hole insert appropriate code below: ST STEEL, BR BRASS, HO OPEN HOLE, PL PLASTIC, OT OTHER

DEPTH (nearest ft.) grid for screen depth: 11, 15, 17, 21, 23, 24, 26, 30, 32, 36, 38, 39, 41, 45, 47, 51

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED, ELECTRIC LOG OBTAINED, 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. 453, DRILLERS SIGNATURE

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

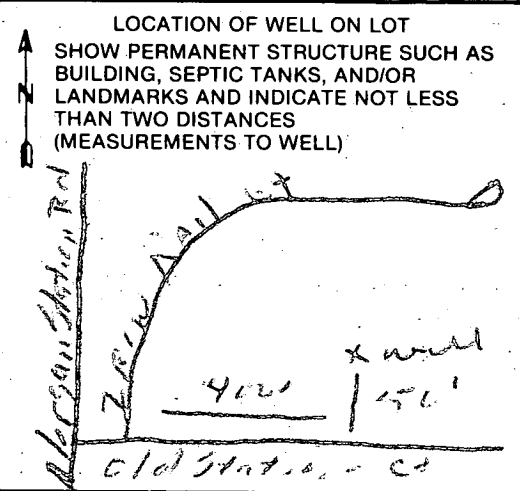
SLOT SIZE 1 2 3, DIAMETER OF SCREEN (NEAREST INCH) grid

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

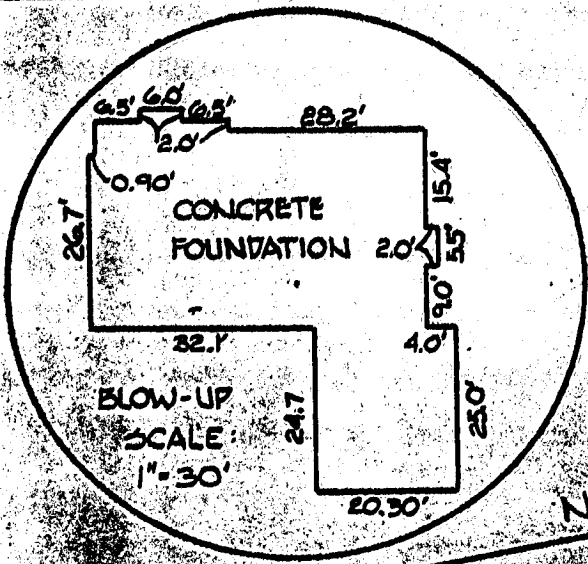
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.), WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min. to nearest gal.) 9, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 15, WHEN PUMPING 63, TYPE OF PUMP USED (for test) A air, P piston, T turbine, C centrifugal, R rotary, O other, J jet, S submersible

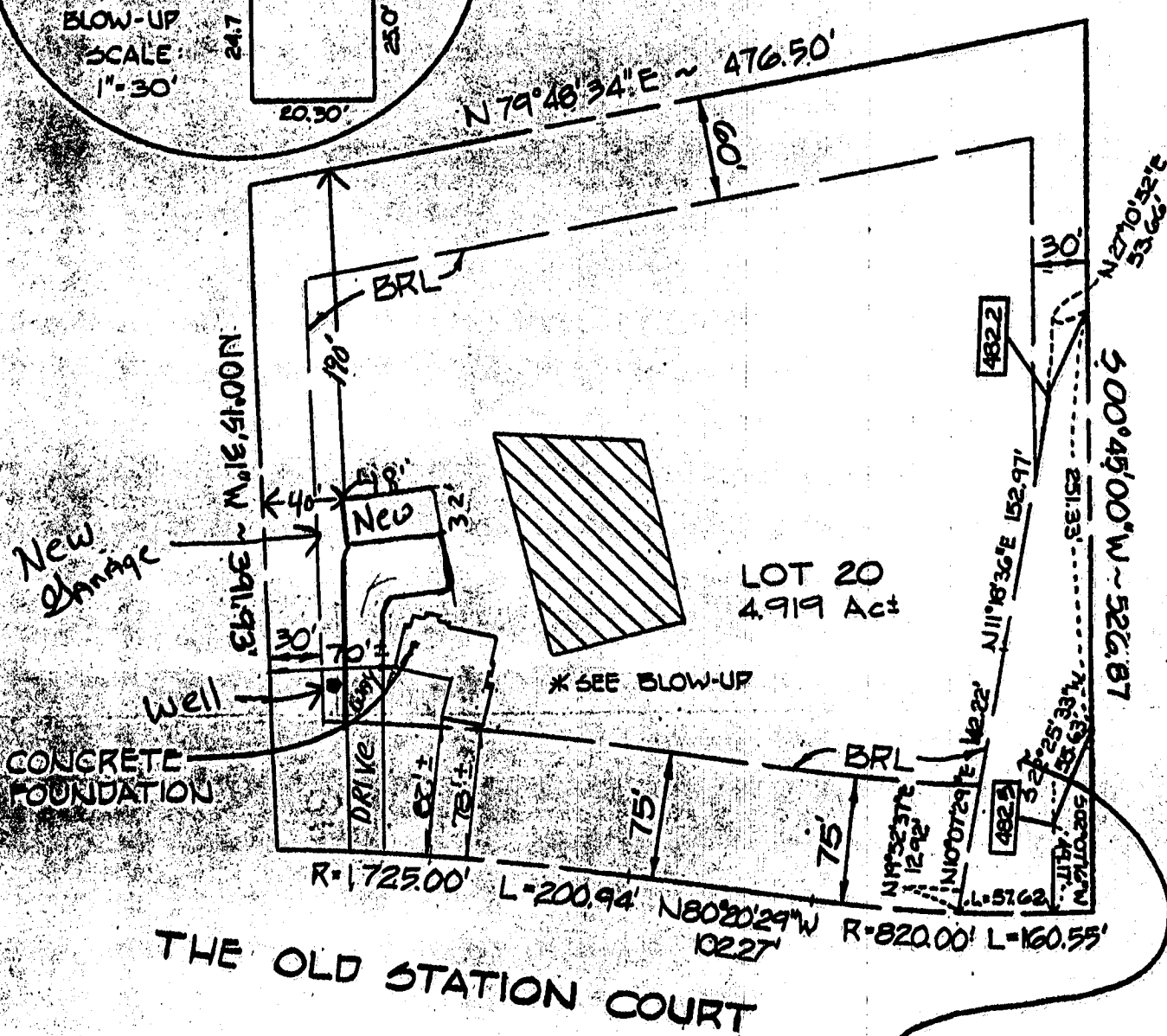
PUMP INSTALLED DRILLER WILL INSTALL PUMP YES (NO), IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35, PUMP HORSE POWER 37 41, PUMP COLUMN LENGTH (nearest ft.) 43 47, CASING HEIGHT (circle appropriate box and enter casing height) above, below, LAND SURFACE (nearest foot) 50 51



MARYLAND STATE
 GRID NORTH
 SCALE: 1"=100'



N 79° 48' 34" E ~ 476.50'



THE OLD STATION COURT

100 YEAR FLOOD PLAIN,
 DRAINAGE & UTILITY
 EASEMENT

F.F. ELEV. : 513.21

482.2 DENOTES ELEVATION
 OF 100 YEAR FLOOD LEVEL

9/3/03 Proposed
 Garage OK (SC)

B00143892

LOT 20 OF MORGAN STATION

This is to certify that I have surveyed the property known as: LOT 20 OF MORGAN STATION
 RECORDED AS PLAT #7824 AMONG THE LAND RECORDS OF HOWARD COUNTY, MD

for the purpose of locating the improvements thereon, and the improvements are located as shown.

Signed this 15TH day of NOVEMBER, 19 89

FISHER, COLLINS AND CARTER, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043
 (301) 461-2855

