

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 58474

A 37389-A

DISTRICT 5th

DATE 5-20-97

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

DATE SYSTEM APPROVED 5/22/97

INSPECTOR [Signature]

05-408113

Darren H. Lilly

IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE 301-604-0723

SUBDIVISION Dunfarmin Estates LOT 18 (22) ROAD 5405 Jamesway Court

PROPERTY OWNER Darren H. Lilly

ADDRESS _____

**BUILDING PERMIT SIGNED
AND RETURNED**

SEPTIC TANK CAPACITY 1000 GALLONS

8603 BUD143389-46 PROPOSED TANK

NUMBER OF BEDROOMS 3

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 158 210 in total

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

LOCATION - From the right-front lot corner, place the distribution box 170 feet down the right lot line and 15 feet off that lot line. Run trenches along contour toward left side of property.

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

OK Km 5/9/97

PLANS APPROVED BY C. Williams/Donna K. Soe DATE 05/07/97

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

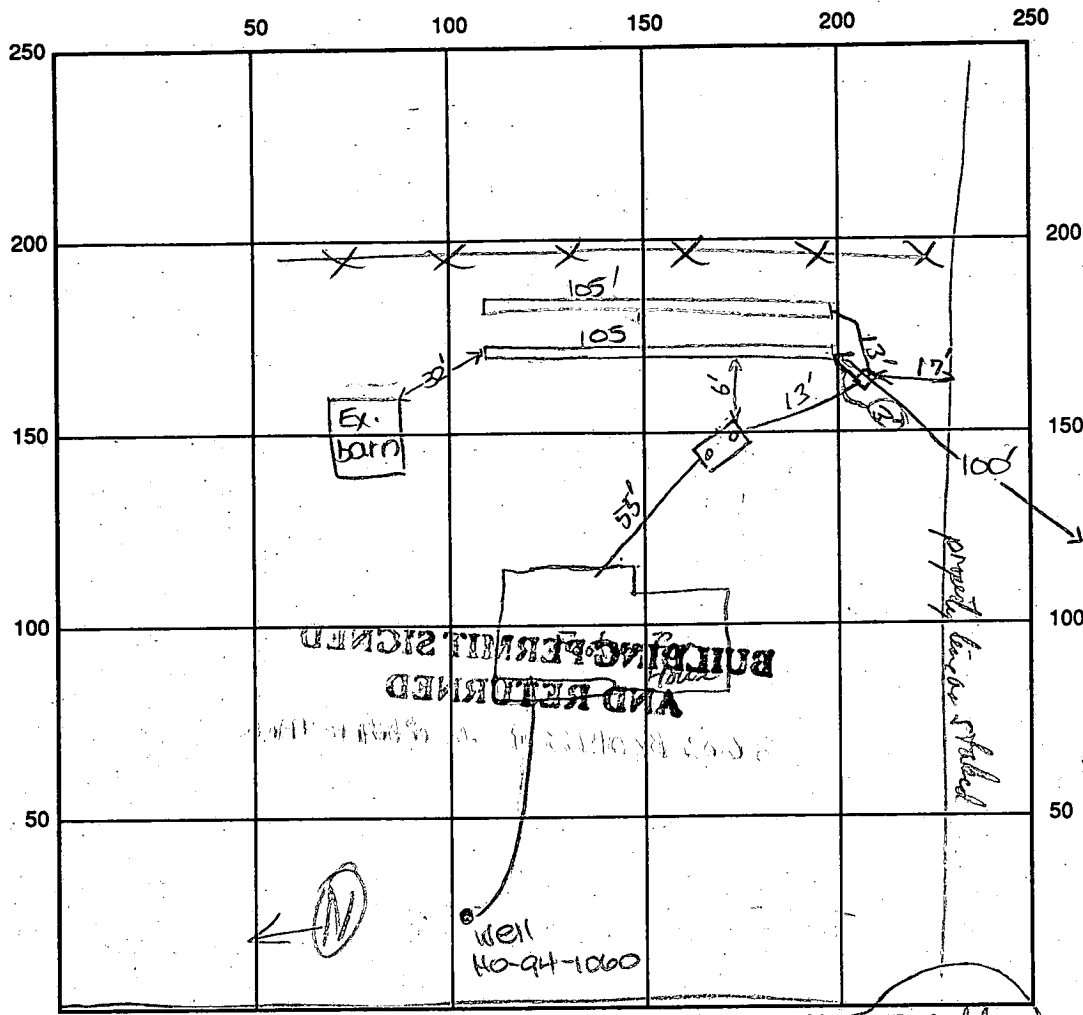
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

5/21/97
5/22/97 10:00
5/23/97 10:00
Septic tank check
5/29 ST

4/1
200
COP
COP
Barn



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Jamesway Court

Culde sac

SEPTIC TANK LEVEL 1500 gal Top Served (Mushrooms) CLEANOUTS None

DISTRIBUTION BOX LEVEL OK

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

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 2x105 FT.

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

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 5/21/97 A.M. OK to slope trenches and continue. DKS

5/21/97 P.M. OK to cover 1st trench and store 2nd. DKS

Septic Tank set, OK to cover 2nd trench, need to see all connections, etc. Need a 11/2 hole piece on ST (3 1/2' cover) 5/22/97

Dist box + Footer lines OK to cover. Need to Raise Septic Tank (4" to low) + gravel fill underneath.

OK to cover House Connection line. Call for Final S.T. Inspection. 5/22/97 Septic Tank back OK, got gravity flow out to dist box but not on inlet side of ST. (1/2 - 1" to head - Need to read House Connection to get 1-2% fall. 5/23/97

House Connection line reworked, OK to cover 5/23/97

DATE SYSTEM APPROVED 5/23/97 INSPECTOR [Signature]

APPLICATION

A 37389

SEWAGE DISPOSAL TESTING

P _____

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: 465-5000, EXT. 356

DISTRICT 5

DATE 7-14-86

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 DARREN H. Lilly
James S. Nichols

ADDRESS 13270 Tradelphia Mill Road PHONE 531-2505

PROPERTY LOCATION: Clarksville

SUBDIVISION Dunfarms LOT NO. 22 19 18

ROAD AND DESCRIPTION Fronting New Street off Ten Oaks
Road (5405 Jamesway Court)

SIZE OF LOT 3 AC TYPE BLDG. _____ NUMBER OF BEDROOMS _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT James S. Nichols

APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 8-27-86 PERC SATISFACTORY; HOLD FOR SUBDIVISION PLAT

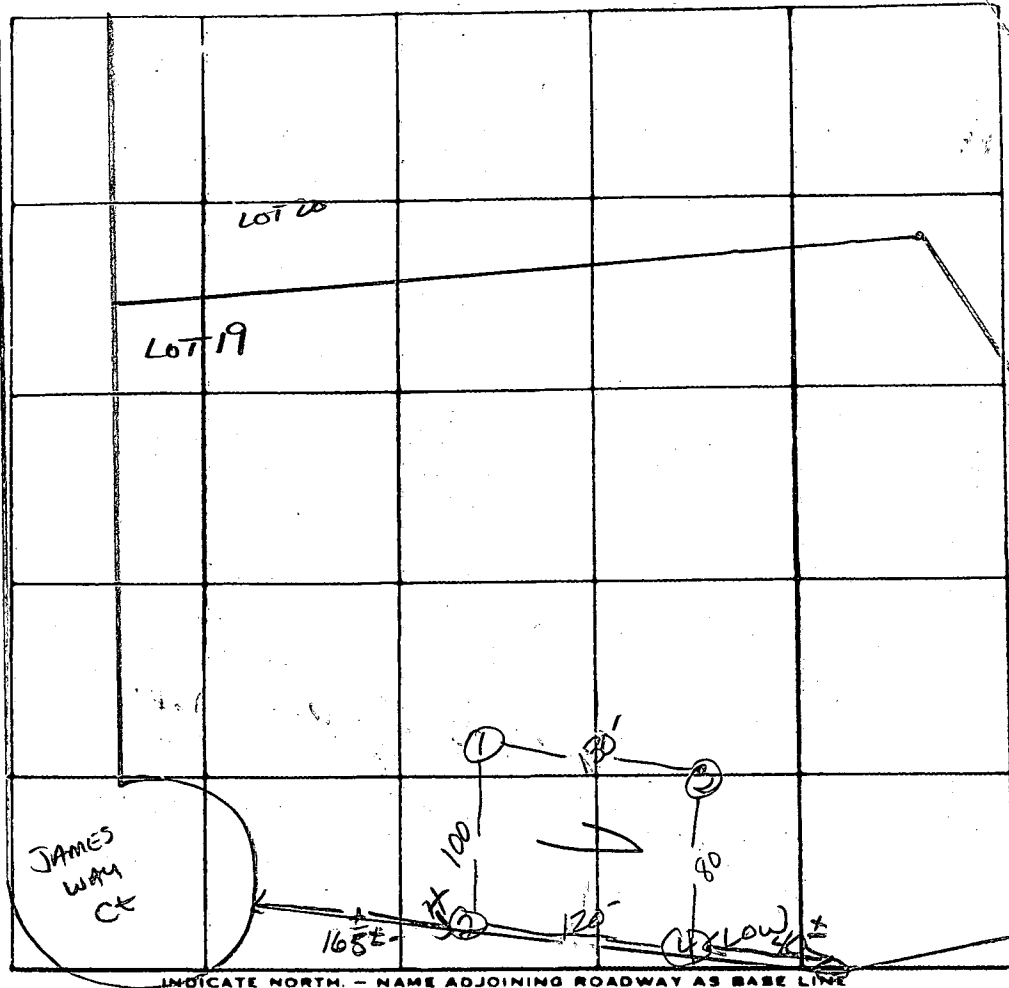
S. Alue

ADJ. PERMIT SIGNED
AND RETURNED 5/7/92
Quilt # 2105402
SFD-3Bm

THIS IS NOT A PERMIT

① ② ④
 12" AP
 Yellow BR silt
 LOAM 9-12%
 CLAY < 10%
 FRAGMENTS
 3.5'
 Red Brown
 highly micaceous
 silt LOAM
 10-15% LOT 3
 FRAGMENTS
 13-14'

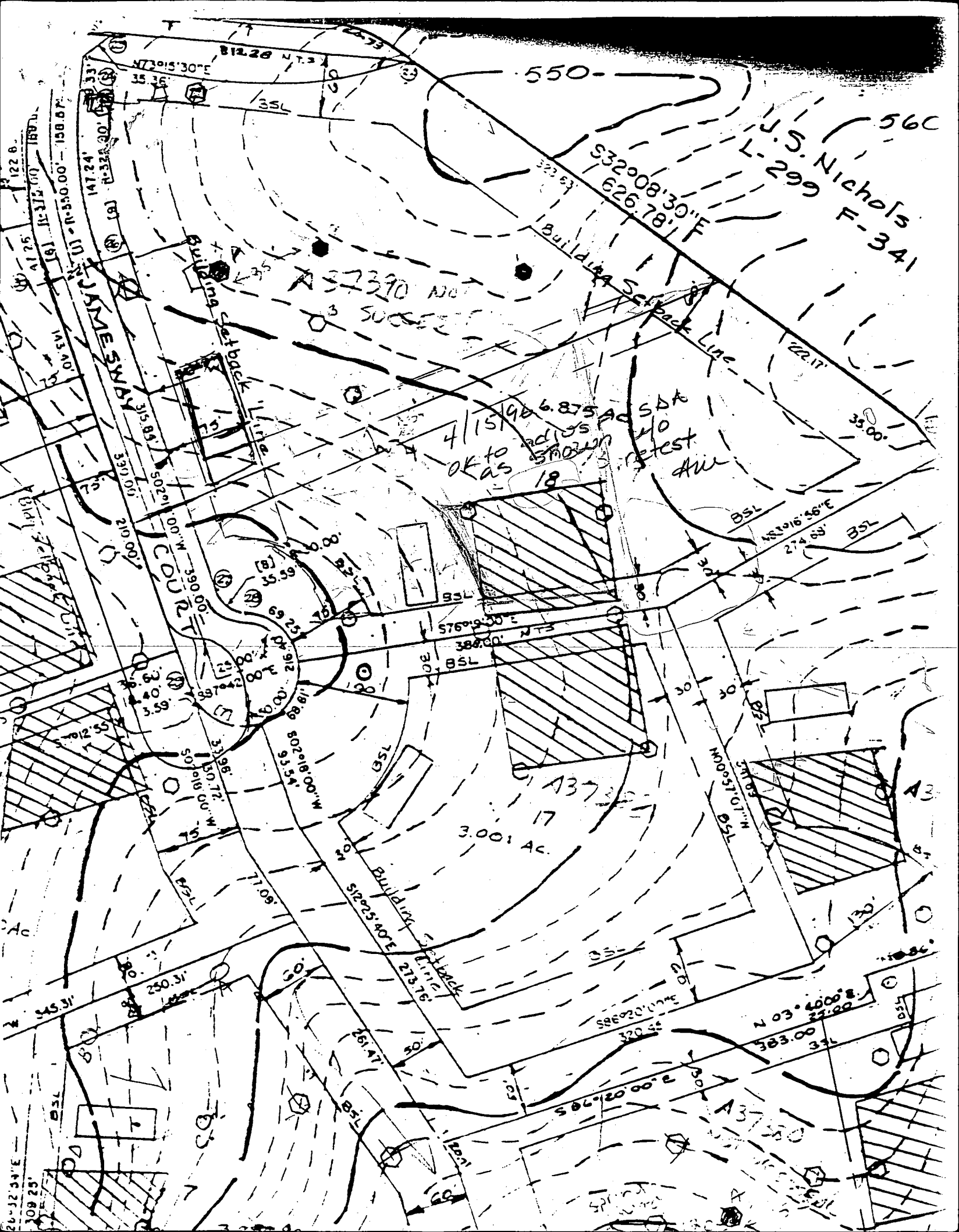
③
 12" AP
 Yellow BR silt
 LOAM 9-15%
 CLAY < 10%
 FRAGMENTS
 6"
 Yellow BR
 silt LOAM
 10-15%
 FRAGMENTS
 14'



X PERC
 8 MIN
 INLET 4.0
 BOTTOM 9.0
 180° BR

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/27/86	1 S	4"	10:14	10:16	10:16	10:19	3min
	1 V	13"	uniform soil below		3.5"		
	2 S	4"	10:15	10:17	10:17	10:20	3min
	2 M	8.5"	10:15	10:16	10:16	10:18	2min
	2 V	14"	uniform soil below		3.5"		
	3 S	6"	10:16	10:23	10:23	10:38	15min
	3 V	14"	uniform soil below		6"		
	4 S	4"	10:21	10:25	10:25	10:38	13min
	4 V	13.5"	uniform soil below		23.5"		

REMARKS Holes slightly diff. than flat hole 2x4 on line 18-19
 TYPE OF SOIL Glenelg - Chester
 TESTED BY S. Abel ALSO PRESENT: J. Fryck & Co.

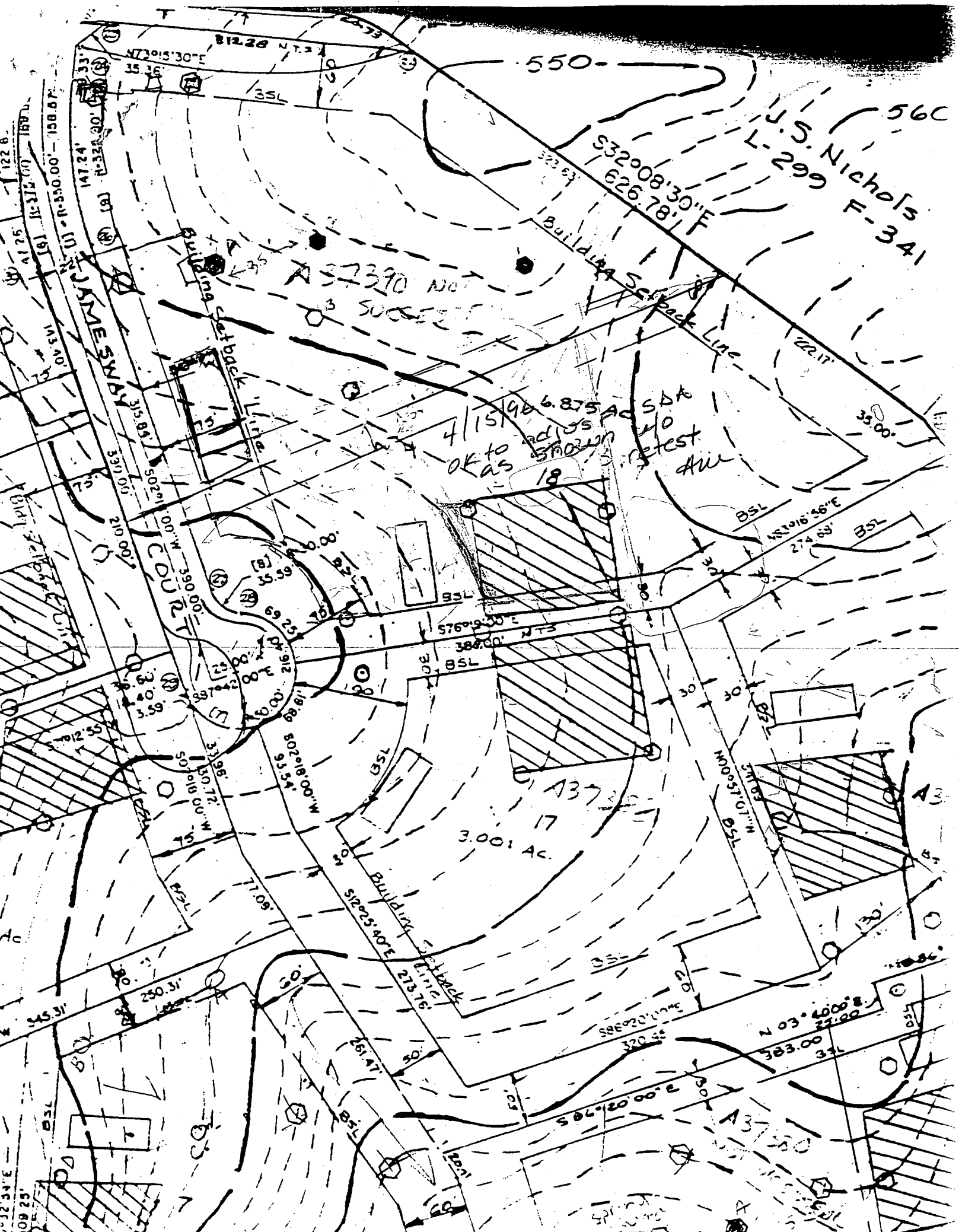


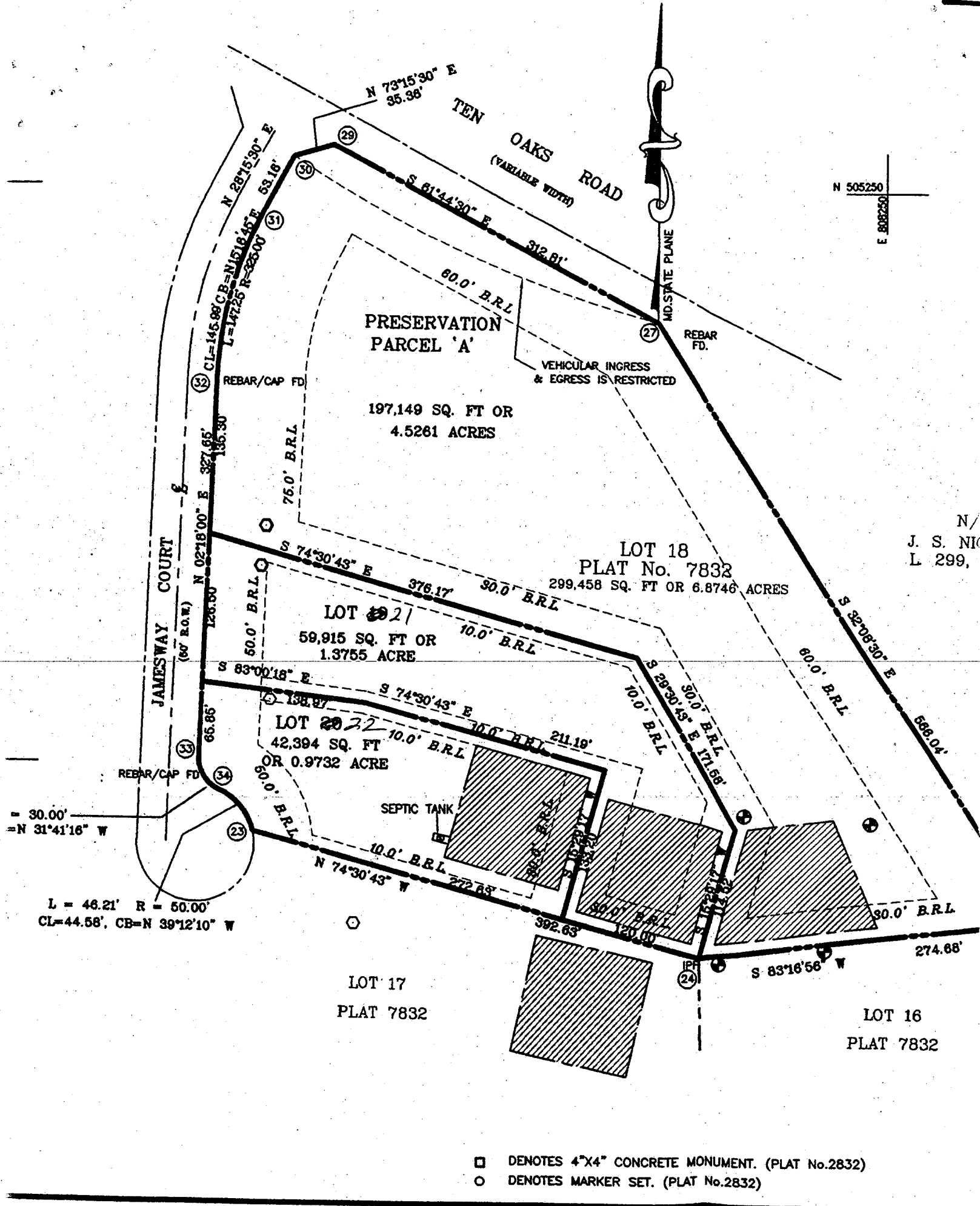
56C
J.S. Nichols
L-299 F-341

A 37390 NOT
SUCCESSFUL

4/15/96 6.875 AC SDA
OK to add 0.95 AC
as shown
18
retest
AU

A 3738
3.001 AC
17





N 505250
E 808250

N/
J. S. NI
L 299,

= 30.00'
= N 31°41'16" W

L = 46.21' R = 50.00'
CL = 44.58', CB = N 39°12'10" W

SURVEYOR'S CERTIFICATE

OWNER

WE HEREBY CERTIFY THAT THE FINAL PLAN SHOWN HEREON WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A LICENSED SURVEYOR IN THE STATE OF MARYLAND.

C1 **8578** 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 4 5 6
(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

COUNTY
NUMBER **A 37389**

ST/GO USE ONLY
DATE Received
MM DD YY
8 13

DATE WELL COMPLETED
MM DD YY
15 20 99

Depth of Well
22 **440** 26
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HO 94 1060
28 29 30 31 32 33 34 35 36 37

OWNER **LIVIN** **Darren**
STREET OR RFD. **Jamesway Court** TOWN **CITERSVILLE**
SUBDIVISION **Dunbar Estates** SECTION **1** LOT **18**

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	
Sand	0	73	
Gray Mica Rock	73	440	

RECEIVED
HOWARD CO. HEALTH DEPT.
ENVIRONMENTAL HEALTH
1997 FEB 25 PM 1:42

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
TYPE OF GROUTING MATERIAL (Circle one)
CEMENT **CM** BENTONITE CLAY **BC**
NO. OF BAGS **27** NO. OF POUNDS **2538**
GALLONS OF WATER **162**
DEPTH OF GROUT SEAL (to nearest foot)
from **0** ft. to **70** ft.
(enter 0, if from surface)

CASING RECORD

casing types insert appropriate code below
ST STEEL **CO** CONCRETE
PL PLASTIC **OT** OTHER
MAIN CASING TYPE **ST** Nominal diameter top (main) casing (nearest inch) **6** Total depth of main casing (nearest foot) **76**

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

screen type or open hole (insert appropriate code below)
ST STEEL **BR** BRASS **HO** OPEN HOLE
PL PLASTIC **OT** OTHER

DEPTH (nearest ft.)
HO 75 440

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	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

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)
T _____ (E.R.O.S.) W Q _____
70 _____ 72 _____ 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

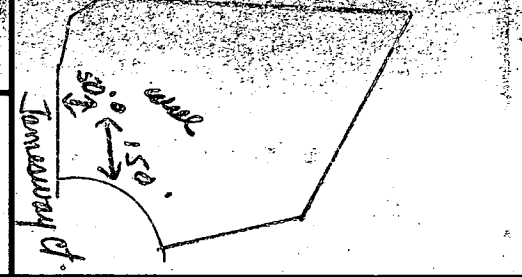
C 3 **PUMPING TEST**

HOURS PUMPED (nearest hour) **6**
PUMPING RATE (gal. per min.) **1**
METHOD USED TO MEASURE PUMPING RATE **Bucket**
WATER LEVEL (distance from land surface)
BEFORE PUMPING **56** ft.
WHEN PUMPING **407** ft.
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 (CIRCLE) (YES or NO) **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
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
- below } **1** (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)



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. **MSD024**
DRILLERS SIGNATURE **Mark H. Mayne**
LIC. NO. **M D**

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

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-1060
 Location of property (road) JAMESWAY Ct
 Subdivision DUNFARMIN Est. Lot 18 Block _____ Plat _____ Sec. _____
 Well Driller Joseph MAYNE Owner DARREN LILLY

Depth of well 440'
 Distance of measuring point (M.P.) above ground 1'
 Static water level (S.W.L.) below M.P. 56'

I. High rate pumping -- reservoir drawdown

Time pump started 7:00 Pumping rate 20 gpm
 Total time 45 min to reach pumping water level 407 ft. below M.P.

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

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5' gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:15	198'	3 sec.		20 gpm
7:30	294	4		15
7:45	407	4		15
8:00	407	60		1
8:15	407	60		1
8:30	406	60		1
8:45	406	60		1
9:00	406	60		1
9:15	406	60		1
9:30	406	60		1
9:45	406	60		1
10:00	406	60		1
10:15	406	60		1
10:30	405	60		1
10:45	405	60		1
11:00	405	60		1
11:15	405	60		1
11:30	405	60		1
11:45	405	60		1
12:00	405	60		1
12:15	405	60		1
12:30	405	60		1
12:45	405	60		1
1:00	405	60		1
HD-224:15	405	60		1
1:30	404	60		1
1:45	404	60		1

HOWARD COUNTY HEALTH DEPT.
 ENVIRONMENTAL HEALTH
 1991 FEB 25 PM 1:42

EMERGENCY/TEMP NO. IF ANY

B 1 **7413** SEQUENCE NO. (MDE USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

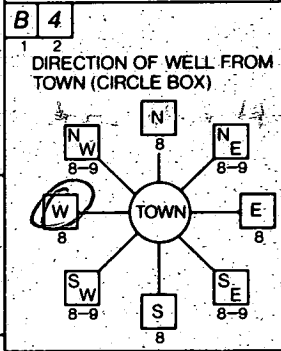
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HC-94-1060
 fill in this form completely

Date Received (APA) **020397**
 OWNER INFORMATION
 LILLY DARREN
 9216 BRYANT AVE
 LAUREL MD 20723

B 3 LOCATION OF WELL
 HOWARD
 DUNFARMIN ESTATES
 CLARKSVILLE
 MILES FROM TOWN (enter 0 if in town) **2** MI

DRILLER INFORMATION
 Joseph L. Mayne
 Joseph L. Mayne Well Drilling
 5512 Ridge Rd. Mt. Airy, Md. 21771
 1/31/97



JAMESWAY COURT
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 SOUTH
 DISTANCE FROM ROAD
 ENTER FT OR MI **FT**
 TAX MAP: **34** BLK. _____ PARCEL **292**

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

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)

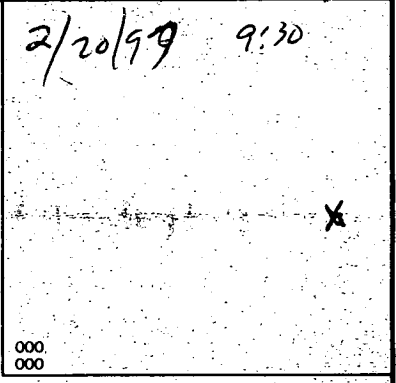
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 HOWARD A 37389
 COUNTY NAME COUNTY NO.
 DATE ISSUED **021497**
 NORTH GRID **504000** EAST GRID **0808000**

APPROXIMATE DEPTH OF WELL **300** FEET

APPROXIMATE DIAMETER OF WELL **6** 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 _____

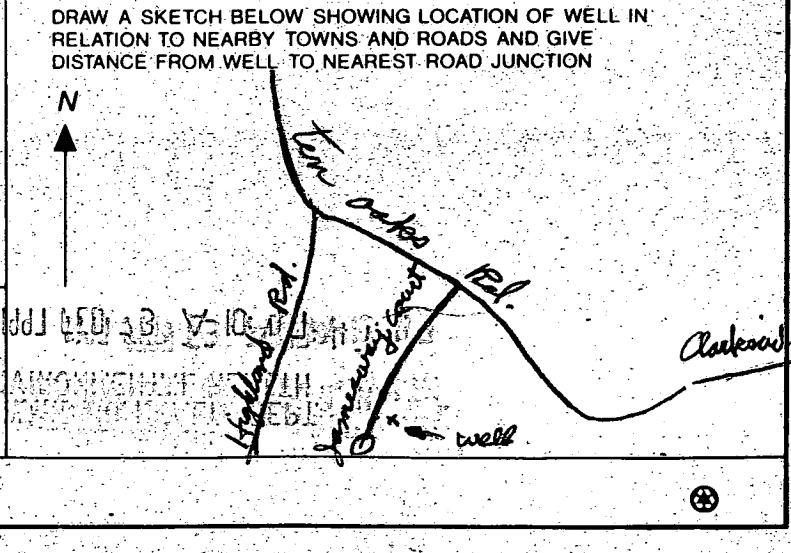
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. WELL
 WRITE THE BOX NUMBER FROM THE MAP HERE
 N 8028
 W 5024



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 DEEPEN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROX. PERMIT NUMBER _____
 FORCE **DS** WRITE INITIALS IN BOX PERMIT NO. **HC-94-1060**

SPECIAL CONDITIONS
 NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



8/15/97

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 X
Replacement _____

Receipt # _____
Date _____

Name of Installer Arthur M. Black Inc

Telephone 301 776 4520

License Number 1557

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber X

Name of Property Owner Darrell Lilly

Telephone _____

Subdivision Dunforman Est. Lot # 18 Well Tag # HD-94-1060

Site Address 5405 Jamesway Ct. Clarksville MD.

Pump

Motor

Pitless Adapter

- 1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible Jurrucca
- 2. Make Jurrucca
- 3. Model # 1HP
- 4. Capacity 7 GPM

- 1. Horsepower 1HP
- 2. RPM _____
- 3. Voltage 230
 - a. 110 _____
 - b. 220 ✓

- 1. Make Jurrucca
- 2. Model # _____
- 3. Depth 340'

- 5. Pump exceeds well capacity Yes X No _____
- 6. If Yes, is low pressure cutoff switch installed? Yes X No _____
- 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors X Cable guards X Other _____

Tank

Piping

Well data

- 1. Capacity 80
- 2. Pressure relief valve? ✓

- 1. Type Poly
- 2. Size 1
- 3. NSF and/or BOCA Code approved ✓
- 4. Depth of supply line 340

- 1. Depth _____ ft.
- 2. Yield _____ GPM
- 3. Static water level _____ ft.
- 4. Will water supply be disinfected by installer? NO

8/15/97

Well line, P.A. 4' b.g.
Well casing 1' a.g.
2pc cap installed.

Conduit pipe to be installed (notified owner)
OK TO COVER. (DKS)

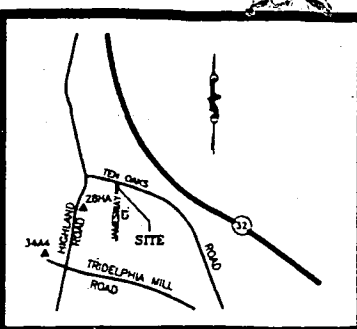
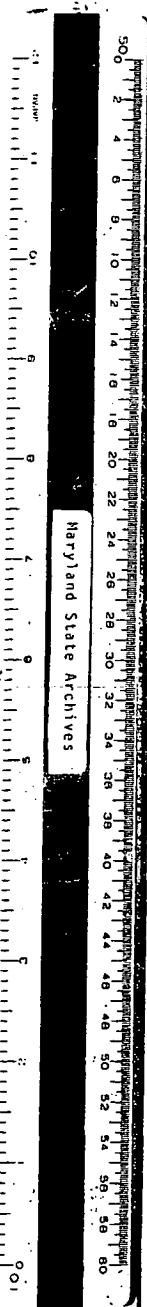
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Arthur M. Black

Date: 7/25/97

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



CURVE DATA							COORDINATES	
NOS.	RADIUS	DELTA	ARC	TAN.	CHORD	L.C.B.	NO.	
1 TO 2	323.00'	25°57'31"	147.25'	47.91'	143.99'	N15°18'45"E	29	NORTH
2 TO 3	30.00'	67°58'27"	38.59'	20.23'	33.34'	N31°41'16"W	30	EAST
3 TO 4	30.00'	32°58'36"	48.21'	24.81'	44.56'	N39°12'10"W	31	

GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWER EASEMENT OF 10,000 SQ. FT. (OR 10,000 SQ. FT. PER LOT FOR SHARED DRAINFIELD ASSOCIATED WITH A SHARED SEWER DISPOSAL FACILITY) AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWER DISPOSAL. SUPPLEMENT OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION OF PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICERS SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWER EASEMENT. RECORDATION OF A MODIFIED SEWER EASEMENT SHALL NOT BE NECESSARY.
- THIS PLAT AND THE COORDINATES SHOWN HEREON ARE BASED UPON THE PREVIOUSLY RECORDED SUBDIVISION PLAT NUMBER 7832 WHICH ARE TIED TO NAD 27, MARYLAND STATE COORDINATE SYSTEM.
- ALL AREAS SHOWN HAVE BEEN ROUNDED OFF AND ARE MORE OR LESS.
- B.L.L. INDICATES BUILDING RESTRICTION LINE.
- CONCRETE MONUMENTS ARE SHOWN THUS - 3 . IRON PIPES ARE SHOWN THUS - 9
- SUBJECT PROPERTY IS ZONED RR-DEO AS PER COMPREHENSIVE ZONING PLAN DATED OCTOBER 18, 1993.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTHS AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT.
- PRESERVATION PARCEL "A" IS ENCUMBERED BY AN EASEMENT AGREEMENT WITH HOWARD COUNTY AND LILLY HOME OWNERS ASSOC., INC. THIS AGREEMENT PROHIBITS FURTHER SUBDIVISION OF THE PARCEL. OUTLINES THE MAINTENANCE RESPONSIBILITIES OF ITS OWNER AND ENUMERATES THE USES PERMITTED ON THE PROPERTY.
- USING THE DENSITY/CLUSTER EXCHANGE OPTION DESCRIBED IN SECTION 106 OF ZONING REGULATION, THE DEVELOPMENT RIGHTS FOR 2 OF THE CLUSTER LOTS INCLUDED ON THIS SUBDIVISION PLAN HAVE BEEN TRANSFERRED FROM TIMOTHY A. JENNINGS. THE CREATORS OF THESE LOTS IS BASED ON A MAXIMUM DENSITY OF ONE RESIDENTIAL UNIT FOR EVERY TWO ACRES.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - WIDTH - 12 FEET (14 FEET SERVING MORE THAN ONE RESIDENCE).
 - SURFACE - 6 INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING.
 - GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45-FOOT TURNING RADIUS.
- STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (425 TONS LOADING)
- DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1' DEPTH OVER DRIVEWAY SURFACE.
- STRUCTURE CLEARANCE - MINIMUM 12 FEET.
- MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
- STORM WATER MANAGEMENT FOR THIS PROJECT IS BEING PROVIDED AS FOLLOWS:
 - WATER QUALITY, LOTS ARE EXEMPT.
 - WATER QUANTITY, LOTS ARE EXEMPT.
- NO WETLANDS EXIST ON THIS SITE PER LETTER PREPARED BY RAJ LAL, PE.
- PERIMETER LANDSCAPING FOR LOT 21 WILL BE PROVIDED IN ACCORDANCE WITH AN APPROVED CERTIFIED LANDSCAPE PLAN ON FILE WITH THIS PLAT. LOT 22 AND PRESERVATION PARCEL "A" ARE EXEMPT FROM LANDSCAPING. LANDSCAPE SURETY IN THE AMOUNT OF \$ 3,900.00 FOR LOT 21 WILL BE PAID AT TIME OF GRADING PERMIT APPLICATION.
- PRESERVATION PARCEL "A" IS PRIMARILY OWNED AND MAINTAINED. A DEED OF PRESERVATION EASEMENT FOR PARCEL "A" HAS BEEN FILED IN THE LAND RECORDS OFFICE OF HOWARD COUNTY, MARYLAND, CONCURRENTLY WITH THIS PLAT.
- THERE IS AN EXISTING HOUSE LOCATED ON LOT 22 TO REMAIN. ALL NEW CONSTRUCTION OR ADDITIONAL EXISTING STRUCTURES SHALL COMPLY WITH THE BUILDING RESTRICTION LINES AS SHOWN ON THIS PLAT.
- THE FOREST CONSERVATION OBLIGATION FOR THIS SUBDIVISION REQUIRING 0.47 ACRES OF AFFORESTATION HAS BEEN MET BY PAYMENT OF A FEE-IN-LIEU IN THE AMOUNT OF \$6,141.96 TO HOWARD COUNTY FOREST CONSERVATION FUND.
- DENSITY TABULATION FOR DEVELOPMENT RIGHTS:
 - TOTAL AREA OF SUBMISSION: 6.8748 ACRES.
 - ALLOWED DEVELOPMENT RIGHTS FOR SUBDIVISION: 1 D.U.
 - 8.8748 ACRES / 4.25 D.U./ACRE = 1.62 D.U.
 - PERMITTED DEVELOPMENT RIGHTS UNDER DEE 3 0.8748 ACRES / 2 D.U./ACRE = 3.4373 D.U.
 - NUMBER OF PROPOSED BUILDING LOTS AND/OR BUILDABLE PRESERVATION PARCELS = 3 D.U.
 - TOTAL NUMBER OF DENSITY RIGHTS REQUIRED TO BE TRANSFERRED = 0 D.U.
 - (3 D.U. - 1 D.U.) = 2 D.U.
- SENDING PARCEL INFORMATION:
 - TAX MAP NO. 2
 - PARCEL NO. 177
 - GRID NO. 17
 - OWNERSHIP: TIMOTHY AND KAREN JENNINGS, (L. 4027, F. 103)
- PREVIOUS APPLICABLE DPZ FILE NUMBERS ARE F86-98 AND P87-47.
- OPEN SPACE REQUIREMENT HAVE BEEN MET BY THE PAYMENT OF A FEE-IN-LIEU OF \$1,500.00.
- THE ARTICLES OF INCORP. FOR THE HOMEOWNERS ASSOCIATION WERE ACCEPTED BY THE DEPARTMENT OF ASSESSMENTS THE 28th DAY OF October, 1993 AS ACCOUNT NUMBER D-5533724.
- THE REQUIREMENTS SECTION 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1986 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

DATE: 11/12/99 PLAT: _____

RECEIVED BY: *Dominic Best-Dee*

DATE: 11/12/99

PLAT FEE-A PLAT RECORDING TOTAL REC'D H&C REC'D H&C NOV 17, 1999

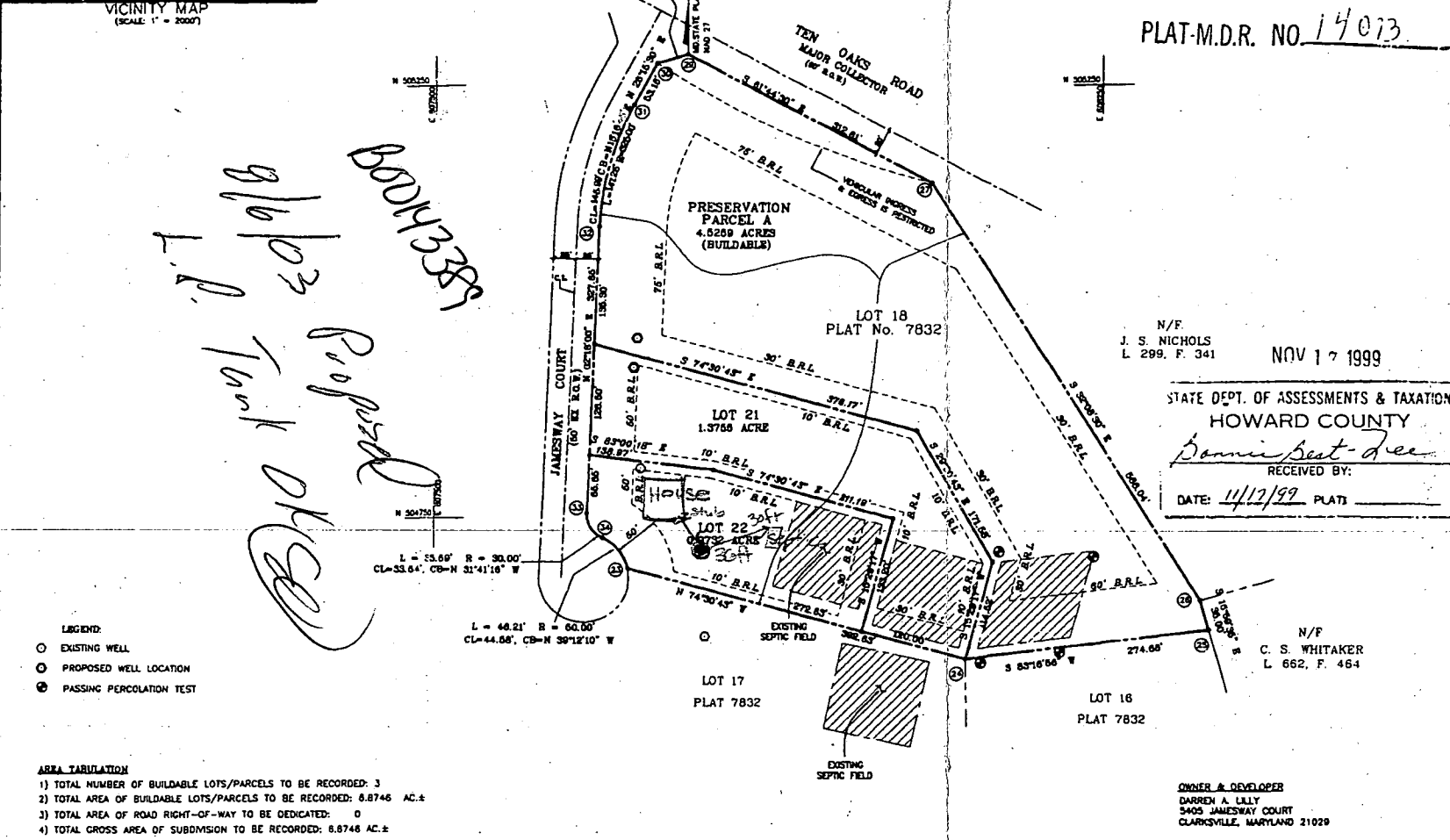
DATE: 10/30/99

DATE: 10/30/99

PURPOSE NOTE: THE PURPOSE OF THIS PLAT IS THE RESUBDIVISION OF LOT 18, PLAT No. 7832 INTO TWO BUILDABLE LOTS AND ONE BUILDABLE PRESERVATION PARCEL.

6/6/03 Proposed L.P. Tank OK

60043387



- LEGEND:**
- EXISTING WELL
 - PROPOSED WELL LOCATION
 - ⊙ PASSING PERCOLATION TEST

- AREA TABULATION**
- TOTAL NUMBER OF BUILDABLE LOTS/PARCELS TO BE RECORDED: 3
 - TOTAL AREA OF BUILDABLE LOTS/PARCELS TO BE RECORDED: 8.8748 AC.±
 - TOTAL AREA OF ROAD RIGHT-OF-WAY TO BE DEDICATED: 0
 - TOTAL GROSS AREA OF SUBDIVISION TO BE RECORDED: 8.8748 AC.±

APPROVED FOR PRIVATE WATER & SEWER SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN FOR HOWARD COUNTY.

Dean J. Matney 11-7-99
HOWARD COUNTY HEALTH OFFICER *D.K. MDE* DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING.

David Best-Dee 11/16/99
DIRECTOR DATE

Chris Demaris 11/14/99
CHIEF, DEVELOPMENT ENGINEERING DIVISION MK DATE

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAN SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF LOT 18 DUNFARMIN ESTATES, LOTS 1 THROUGH 18 RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY IN PLAT CMP NUMBER 7832 AND CONVEYED BY SAMUEL TURNER NICHOLS, JR. AND JAMES SMALLWOOD NICHOLS TO DARREN A. LILLY BY DEED DATED 19TH DAY OF APRIL 1996 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 3718 AT FOLIO 295.

I FURTHER CERTIFY THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THIS SUBDIVISION. THIS PLAT IS IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED AND ALSO IN ACCORDANCE WITH THE HOWARD COUNTY SUBDIVISION REGULATIONS.

Robert J. Bertrand 10/30/99
REGISTERED SURVEYOR #566 DATE

OWNER'S CERTIFICATE

I DARREN A. LILLY OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION & IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING & ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES, AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS & ASSIGNS: (1) THE RIGHT TO LAY, CONSTRUCT, & MAINTAIN SEWERS, DRAINS, WATER LINES, & OTHER MUNICIPAL UTILITIES & SERVICES IN & UNDER ALL STREETS & ROAD RIGHTS-OF-WAY & THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION TO PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, FLOOD PLANS, & OPEN SPACE, WHERE APPLICABLE, AND FOR OTHER GOOD AND VALUABLE CONSIDERATION HEREBY GRANT THE RIGHT & OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BED OF THE STREETS AND/OR ROADS, FLOOD PLANS, STORM DRAINAGE FACILITIES AND OPEN SPACE, WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; (4) THAT NO BUILDING OR SIMILAR STRUCTURE SHALL BE ERRECTED ON OR OVER SAID EASEMENTS & RIGHTS-OF-WAY. WITNESS OUR HANDS THIS THE 30th DAY OF October, 1999.

Darren A. Lilly 10-30-99
DATE

James Smallwood Nichols 10/30/99
DATE

RECORDED AS PLAT NUMBER _____ AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND ON _____, 1999

RESUBDIVISION PLAT
DUNFARMIN ESTATES
LOTS 21 AND 22 AND PRESERVATION PARCEL "A"
A RESUBDIVISION OF LOT 18, DUNFARMIN ESTATES
ZONE: RR-DEO
SHEET 1 OF 1
5TH ELECTION DISTRICT HOWARD COUNTY, MD.
TAX MAP 28, GRID 21, PARCEL 292
OCTOBER 29, 1999 SCALE: 1" = 100'

RBA ENGINEERS • ARCHITECTS • PLANNERS
11400 Greenway Lane, Suite 200
P.O. Box 401, Silver Spring, MD 20910

F 99-179 MSA CSU 2125-1537