

9/6/96  
12:00 C.D.  
9/9/96 11:00

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

05-408/05

P 569.63 C

A 37388

DISTRICT \_\_\_\_\_

DATE 6-3-96

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

313-2640

DATE SYSTEM APPROVED 9-9-96

INSPECTOR DKS

INDEXED

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS 558-R Obrecht Road, Sykesville, MD 21784 PHONE 795-5674

SUBDIVISION Dunfarmin Estates LOT 17 ROAD 5415 Jamesway Court.

PROPERTY OWNER Charles W. & Debra Pritchard, III

ADDRESS \_\_\_\_\_

**BUILDING PERMIT SIGNED**

SEPTIC TANK CAPACITY 1250 GALLONS

**AND RETURNED**

NUMBER OF BEDROOMS 4

*65-03 800142282 - POOL W/DECK*

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

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 left front lot corner, place the distribution box 250' down the left (392') lot line and 135' 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 clenout and cap to grade or above septic tank. OK/cw

PLANS APPROVED BY Craig Williams DATE 10/27/92

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

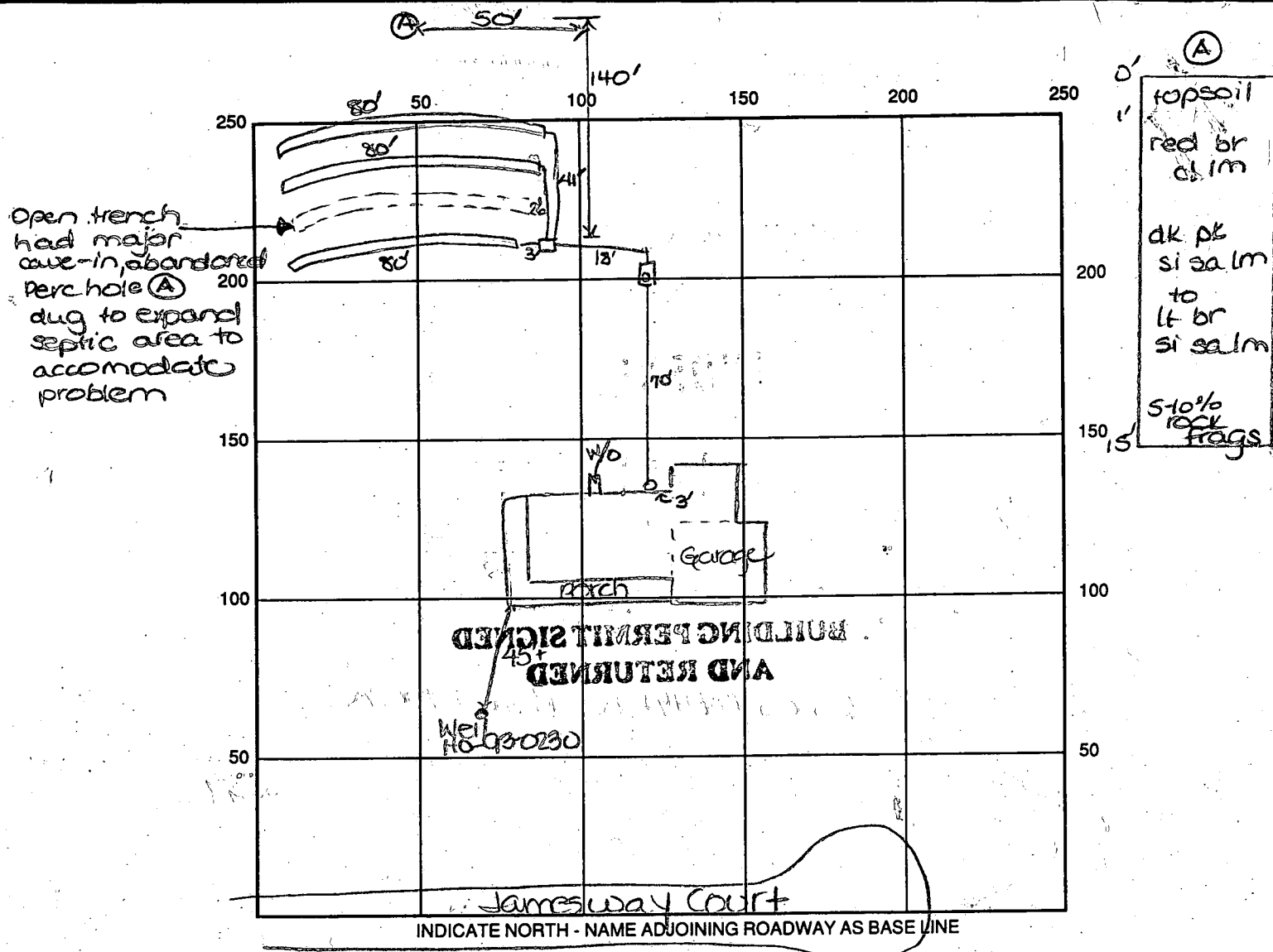
PERMIT VOID AFTER TWO YEARS

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**

A 37388



SEPTIC TANK LEVEL OK-1250 gal CLEANOUTS one on sit.

DISTRIBUTION BOX LEVEL OK-baffle in

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

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 2 80 3 80 → 240' total

NUMBER OF TRENCHES 3 ONE SIDEWALL ~~AREA~~ 960 SQ. FT.

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

ABSORBENT AREA 960 SQ. FT.

REMARKS: 9/6/96 LAYOUT CONFIRMED W/INSTALLER, SITE INSTALLATION JUST STARTING; NO OTHER WORK MR

9/9/96 OK to abandon caved-in trench, perc hole (A) OK.

OK to continue. DKS

9/9/96 FINAL - OK to cover all work. DKS

DATE SYSTEM APPROVED 9/9/96 INSPECTOR [Signature]

# APPLICATION

A. 37388

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 S-Turner Nichols + James S. Nichols

ADDRESS 13276 Triadelphia Mill Road PHONE 531-2508  
Clarksville

PROPERTY LOCATION:

SUBDIVISION Dunfarmen LOT NO. 17

ROAD AND DESCRIPTION Fronting New Street off Ten oaks Road  
Serial # 64167

**BLDG. PERMIT SIGNED  
AND RETURNED 4-23-96**  
S.F.D NUMBER OF BEDROOMS 4 Brms

SIZE OF LOT 3 Ac TYPE BLDG. \_\_\_\_\_

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)

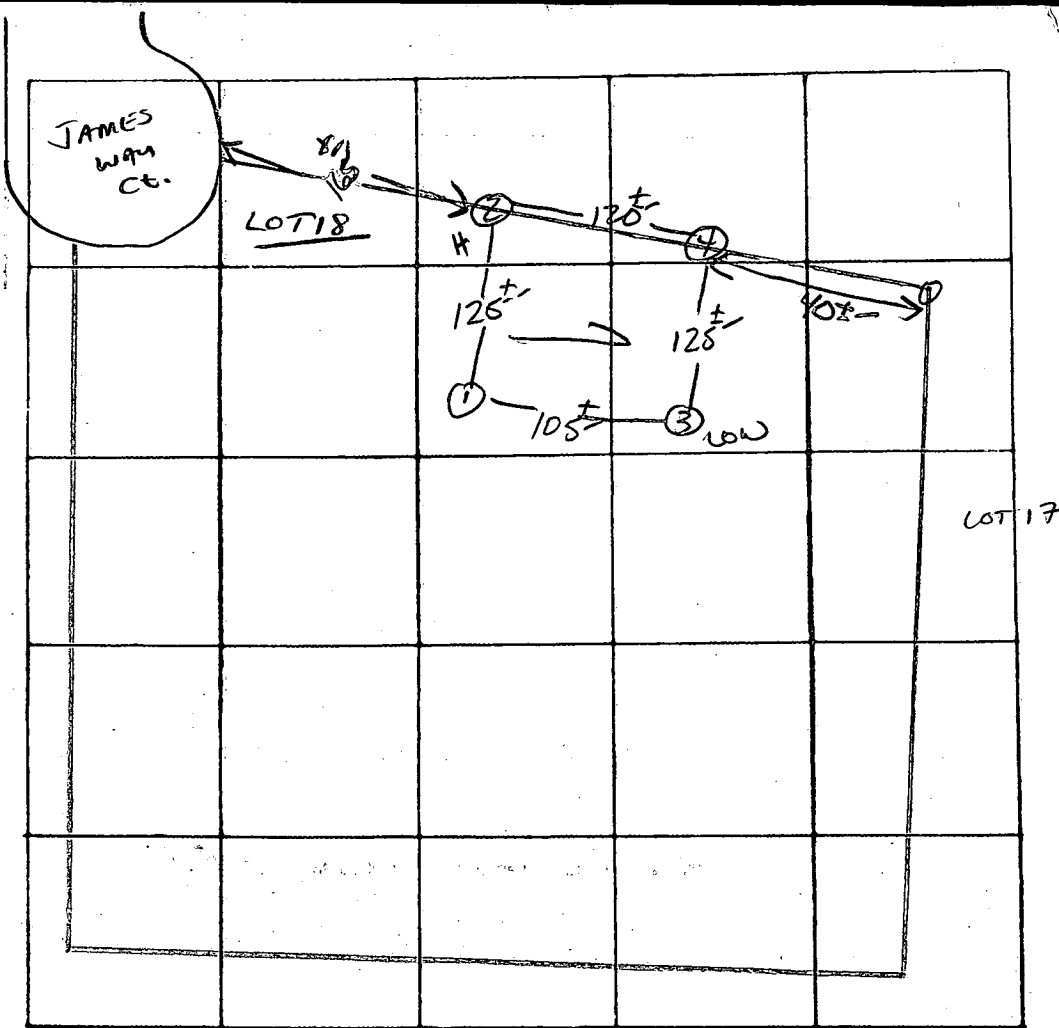
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING 8-27-86 Perc Satisfactory; Hold for Subdivision Plat

S. Apple

# THIS IS NOT A PERMIT



6 (3)  
 12" AD  
 yellow red  
 silt loam  
 90% clay  
 <10% frags  
 4" pinkish clay  
 silt loam  
 highly micaceous  
 10-15%  
 fragments

0 (1)  
 12" AD  
 red brown  
 silt loam 9-10%  
 clay <10%  
 frags  
 4" red brown  
 silt loam  
 10-15%  
 fragments  
 slightly  
 micaceous

X PERC  
 13min  
 INLET 4.5'  
 BOTTOM 9'  
 190 #/RR

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
8/27/86	1 S 1 V	4.5 14	10:28	10:39	10:39	11:00	21min	
			uniform soil below 4"					
	2 S 2 M	4" 8.5"	10:15	10:17	10:17	10:20	3min	
			10:15	10:16	10:16	10:18	2min	
	2 V	14"	uniform soil below 3.5" into on lot 19					
	3 S 3 V	4" 13.5"	10:29	10:42	10:42	11:05	23min	
			uniform soil below 4"					
	4 S 4 V	4" 13.5"	10:21	10:25	10:25	10:38	13min	
			uniform soil below 3.5"					

REMARKS: HOLLS DIFF. THAN PLAT  
 TYPE OF SOIL: Gravelly-Chert  
 TESTED BY: S. Abel ALSO PRESENT: J. P. Mock & Co.

C1 0175

SEQUENCE NO. (MDE USE ONLY)

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-37388

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED 012996

Depth of Well 325

PERMIT NO. HO-93-0230

OWNER PRITCHARD CHARLES STREET OR RFD JAMESWAY COLLEGE TOWN DAYTON SUBDIVISION DUNFARMIN SECTION LOT 17

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, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Sandy, Sand Stone, MICKA, SAND STONE, MICKA.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) NO. OF BAGS 15 NO. OF POUNDS 1500

CASING RECORD

MAIN CASING TYPE (P) (L) (6) (4) (6) (0) Nominal diameter top (nearest inch)! Total depth of main casing (nearest foot)

OTHER CASING (if used)

SCREEN RECORD (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

C2

DEPTH (nearest ft.) H0 44 325 SLOT SIZE 1 2 3 DIAMETER OF SCREEN

PUMPING TEST

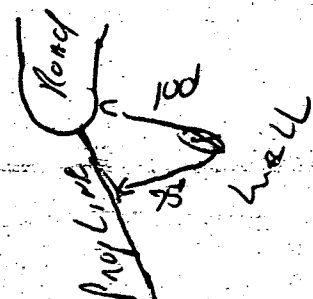
HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 1 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 29 WHEN PUMPING 260 TYPE OF PUMP USED (for test) (A) air (P) piston (T) turbine (C) centrifugal (R) rotary (O) other (J) jet (S) submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES) (NO) TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 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)



TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 116 DRILLERS SIGNATURE (H. S. Wayne) LIC. NO. 117 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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 TELESCOPE CASING LOG INDICATOR OTHER DATA

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 93-0230  
 Location of property (road) JAMESWAY COURT  
 Subdivision DUNFARMIN Lot 17 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller D. WAYNE Owner RITCHARD, CHARLES

Depth of well 325  
 Distance of measuring point (M.P.) above ground 2 ft  
 Static water level (S.W.L.) below M.P. 29 ft

I. High rate pumping -- reservoir drawdown

Time pump started 8:30 Pumping rate 10 GPM  
 Total time 30 min to reach pumping water level 260 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 <u>I</u> gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:00	260 ft	60 Sec	<del>Flow Meter Reading</del>	I GPM
8:15	260 ft	60 Sec		I GPM
8:30	260 ft	60 Sec		I GPM
8:45	260 "	60 "		I GPM
9:00	260 "	60 "		I GPM
9:15	260 "	60 "		I GPM
9:30	260 ft	60 Sec		I GPM
9:45	260 ft	60 Sec		I GPM
10:00	260 ft	60 Sec		I GPM
10:15	260 "	60 "		I "
10:30	260 "	60 "		I "
10:45	260 ft	60 Sec		I GPM
11:00	260 ft	60 Sec		I GPM
11:15	260 "	60 "		I "
11:30	260 "	60 "		I "
11:45	260 "	60 "		I "
12:00	260 ft	60 Sec		I GPM
12:15	260 ft	60 Sec		I GPM
12:30	260 ft	60 Sec		I GPM
12:45	260 "	60 "		I "
1:00	260 "	60 "	I "	
1:15	260 "	60 "	I "	
1:30	260 ft	60 Sec	I GPM	
1:45	260 ft	60 Sec	I GPM	
2:00	260 ft	60 Sec	I GPM	
2:15	260 "	60 "	I "	
2:30	260 "	60 "	I "	
2:45	260 ft	60 "	I GPM	
HD-224 146 ft casing	40 open	15 BAYS	I	GPM
3:00	260 ft	60 Sec		

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 # 00  
Date 1/7/97

Name of Installer T.M. Bernard

Telephone \_\_\_\_\_

License Number #7248  
Certified Well Pump Installer \_\_\_\_\_

Well Driller \_\_\_\_\_ Registered Plumber

Name of Property Owner Charles & Delva Pritchard

Telephone \_\_\_\_\_

Subdivision \_\_\_\_\_ Lot # \_\_\_\_\_

Well Tag # \_\_\_\_\_

Site Address 5415 Jamesway Ct

- | Pump  | Motor               | Pitless Adapter  |
|---|---------------------|------------------|
| 1. Type   | 1. Horsepower _____ | 1. Make _____    |
| a. Deep well jet _____  | 2. RPM _____        | 2. Model # _____ |
| b. Shallow well jet _____   | 3. Voltage _____    | 3. Depth _____   |
| c. Submersible <input checked="" type="checkbox"/>  | a. 110 _____        |                  |
| 2. Make _____   | b. 220 _____        |                  |
| 3. Model # _____  |                     |                  |
| 4. Capacity <u>5</u> GPM  |                     |                  |
| 5. Pump exceeds well capacity Yes <input checked="" type="checkbox"/> No _____  |                     |                  |
| 6. If Yes, is low pressure cutoff switch installed? Yes <input checked="" type="checkbox"/> No _____  |                     |                  |
| 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors <input checked="" type="checkbox"/> Cable guards <input checked="" type="checkbox"/> Other _____ |                     |                  |

Tank  
1. Capacity 17 gal.  
2. Pressure relief valve? yes

Piping  
1. Type 1/2" poly  
2. Size \_\_\_\_\_  
3. NSF and/or BOCA Code approved yes  
4. Depth of supply line 42"

Well data  
1. Depth 325 ft.  
2. Yield 1 GPM  
3. Static water level 29 ft.  
4. Will water supply be disinfected by installer? no

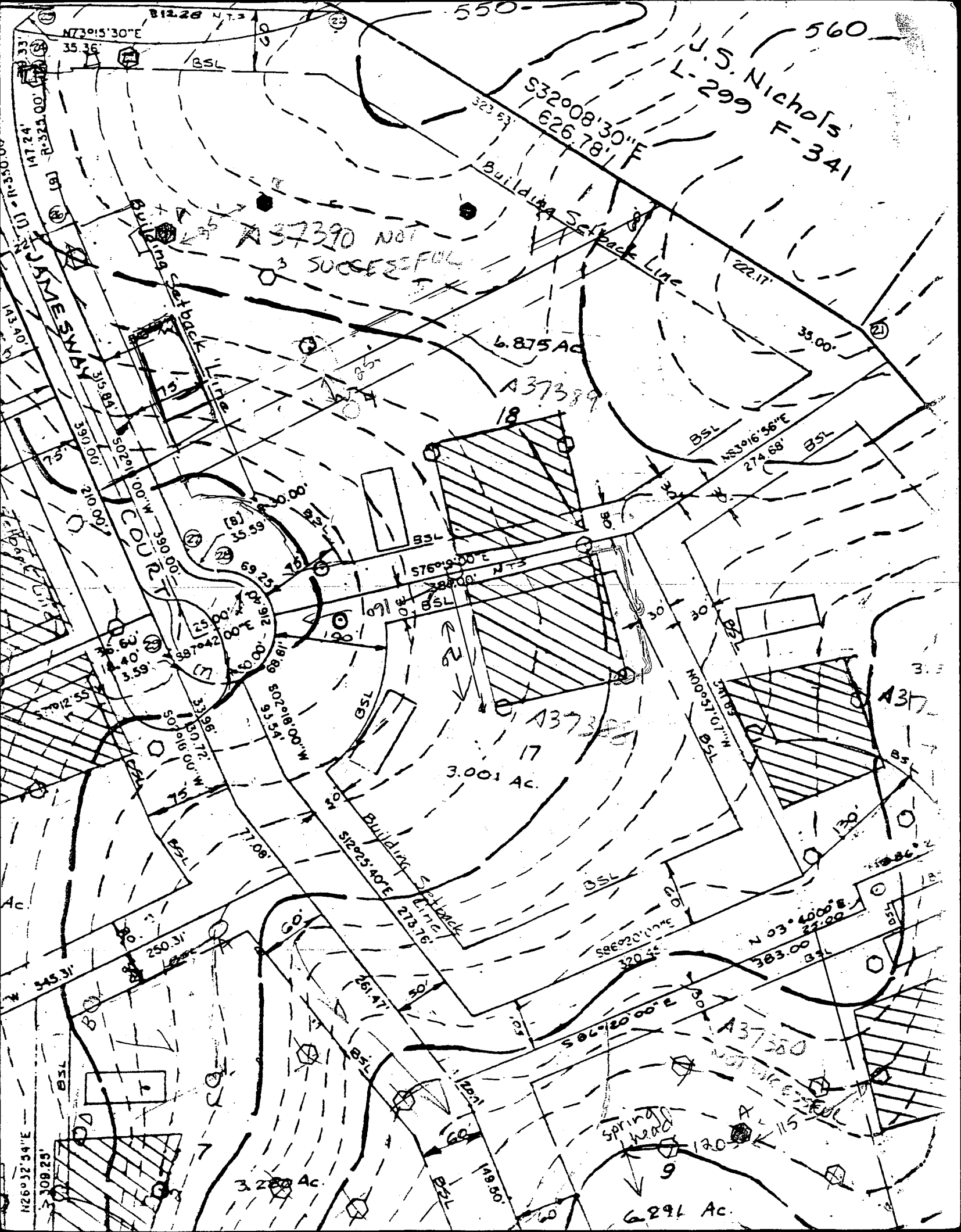
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

Signature of Applicant: T.M. Bernard

Date: 1/7/97

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



A 37390 NOT SUCCESSFUL

U.S. Nichols L-299 F-341

6.875 Ac

A 37389 18

A 37388 17

3.001 Ac

A 37380

6.291 Ac

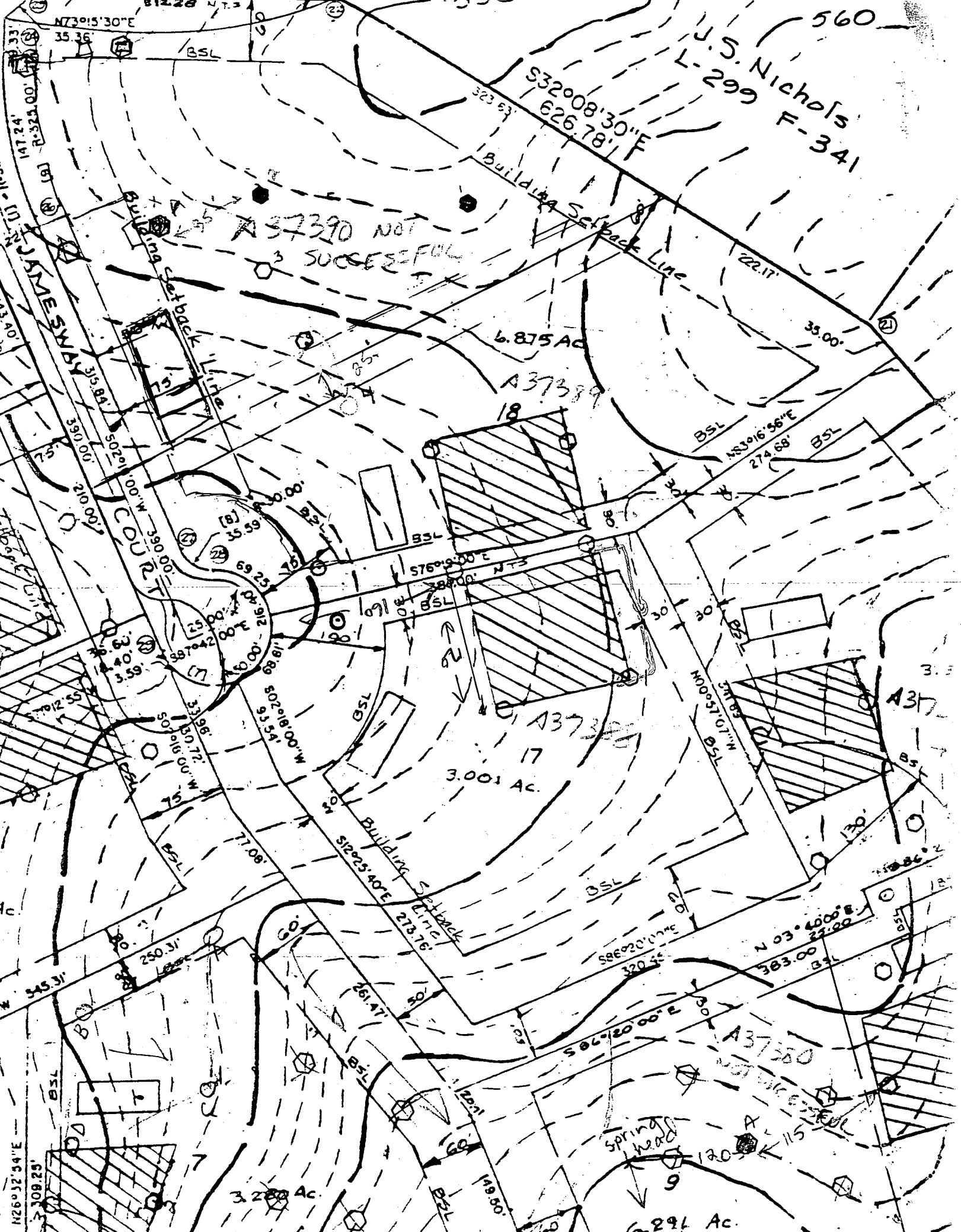
3.288 Ac

Spring head

120

115

9



SNOW  
TO  
R/W  
LIVEWAY.

DN  
COUNTY  
NO. 2635002.

E 808250  
N 50  
J.S. NICHOLS  
L. 289  
F. 341  
566.04'

5 15 - 59 - 33 E 47

HKS RD.

(27)

(26)

441.00'

LOT 16  
3.847 Ac±

VEHICULAR INGRESS  
& EGRESS IS RESTRICTED  
H2O 11.0'

LOT 18  
6.875 Ac±

TEST AREA

F-98-96

LOT 17  
3.001 Ac±

JAMESWAY COURT

(31)

(32)

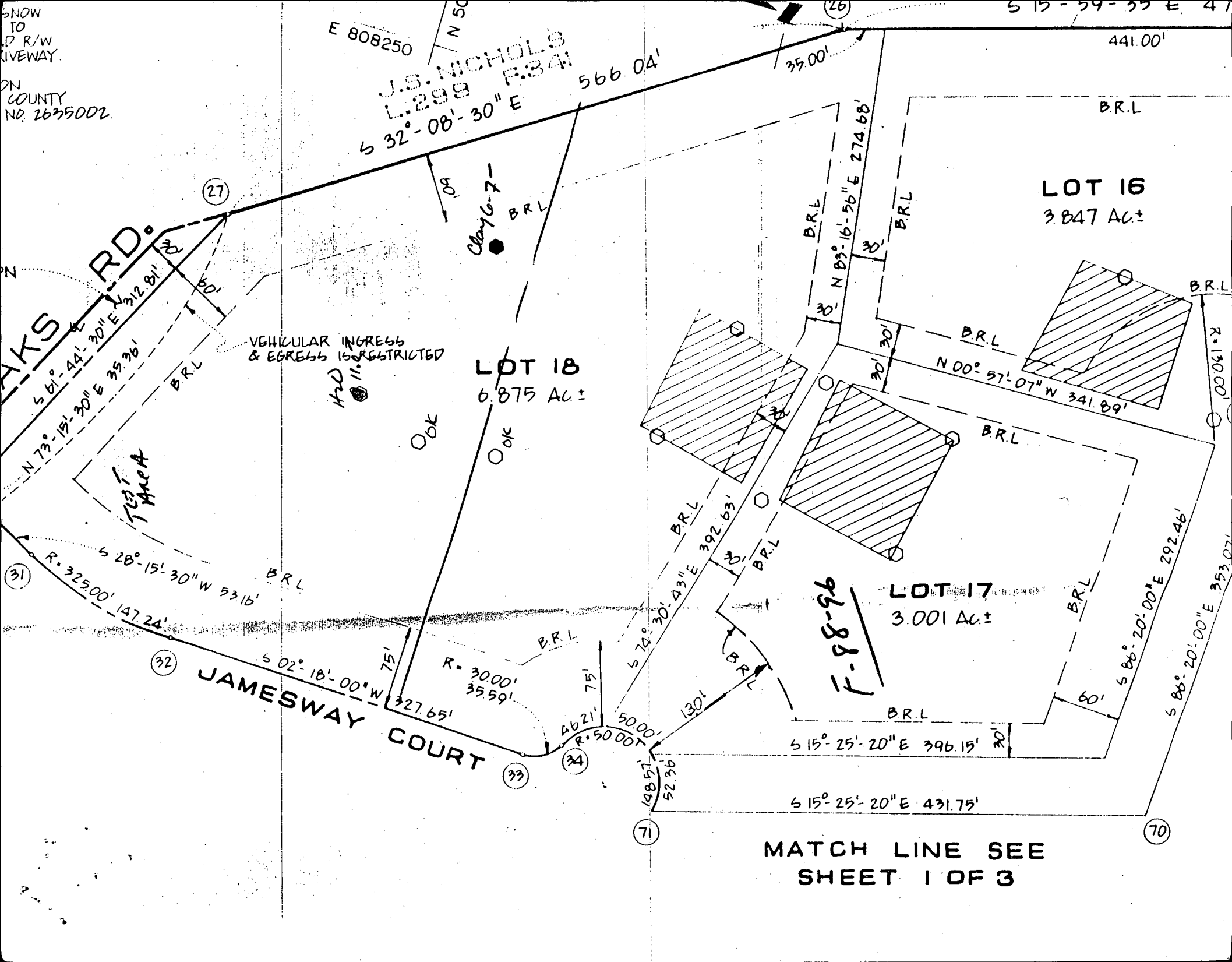
(33)

(34)

(71)

(70)

MATCH LINE SEE  
SHEET 1 OF 3



ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT

Signature of Engineer: [Signature] DATE: 4/23/96

DEVELOPER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

Signature of Developer: [Signature] DATE: 4/23/96

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION DISTRICT DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

DISTRICT HOWARD SOIL CONSERVATION DIST. DATE

SEDIMENT CONTROL NOTES

- 1. A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (313-1055).
2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.
3. FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
4. ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 51), 500 (SEC. 50), TEMPORARY SEEDING (SEC. 50), AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
6. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
7. SITE ANALYSIS:
TOTAL AREA OF SITE: 3.00 ACRES
AREA DISTURBED: 0.14 ACRES
AREA TO BE ROOFED OR PAVED: 8.00 ACRES
AREA TO BE VEGETATIVELY STABILIZED: 0.28 ACRES
TOTAL CUT: 200 CU.YDS.
TOTAL FILL: 200 CU.YDS.
OFFSITE WASTE/BORROW AREA LOCATION: N/A CU.YDS.
8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
9. ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
10. ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
11. TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

SEQUENCE OF CONSTRUCTION

- 1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
3. PERFORM NECESSARY GRADING AND STABILIZE THE SITE.
4. AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS

APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER @ 4 LBS./1000 SQ. FT.)

SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL RYE (3.2 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF WEEPING LOVEGRASS (0.7 LBS./1000SQ.FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 2 1/2 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 0 FEET OR HIGHER, USE 3/4 GALLONS PER ACRE (0.75 GAL./1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1988 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

SEEDING PREPARATION

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS

APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (14 LBS./1000 SQ.FT.) BEFORE SEEDING HARROW OR DISC. INTO UPPER THREE INCHES OF SOIL AT TIME OF SEEDING. APPLY 400 LBS. PER ACRE 38-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.) AND 500 LBS. PER ACRE (11.5 LBS./1000 SQ.FT.) OF 10-20-20 FERTILIZER.

SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (1.4 LBS./1000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING; OPTION (2) - USE SOD; OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDING.

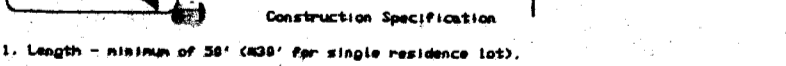
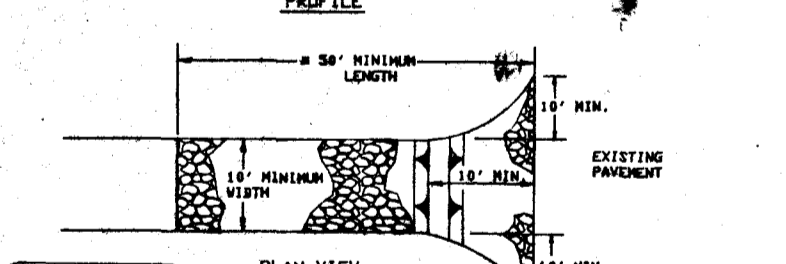
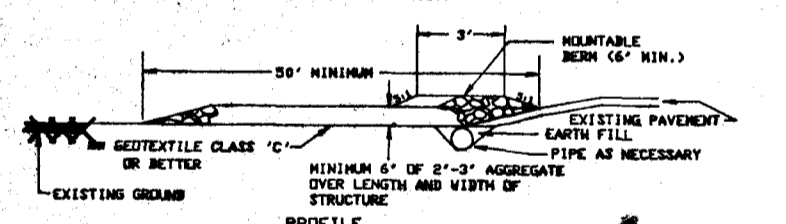
MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (80 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 0 FEET OR HIGHER USE 3/4 GALLONS PER ACRE (0.75 GAL./1000 SQ.FT.) FOR ANCHORING.

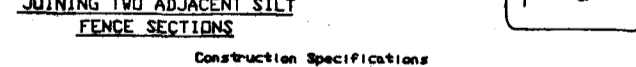
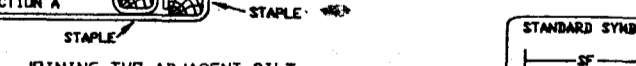
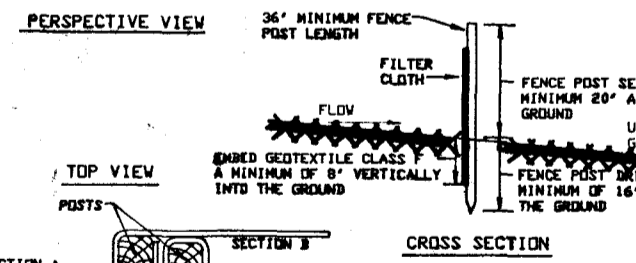
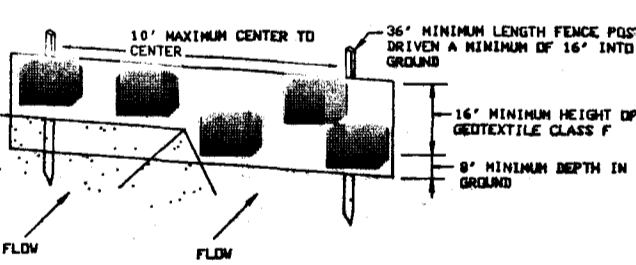
MAINTENANCE

INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDING.

\* FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWNVETCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.



- 1. Length - minimum of 30' (20' for single residence lots).
2. Width - 10' minimum, should be flared at the existing road to provide a turning radius.
3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval authority may not require single family residences to use geotextile.
4. Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
5. Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a portable berm with 2:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

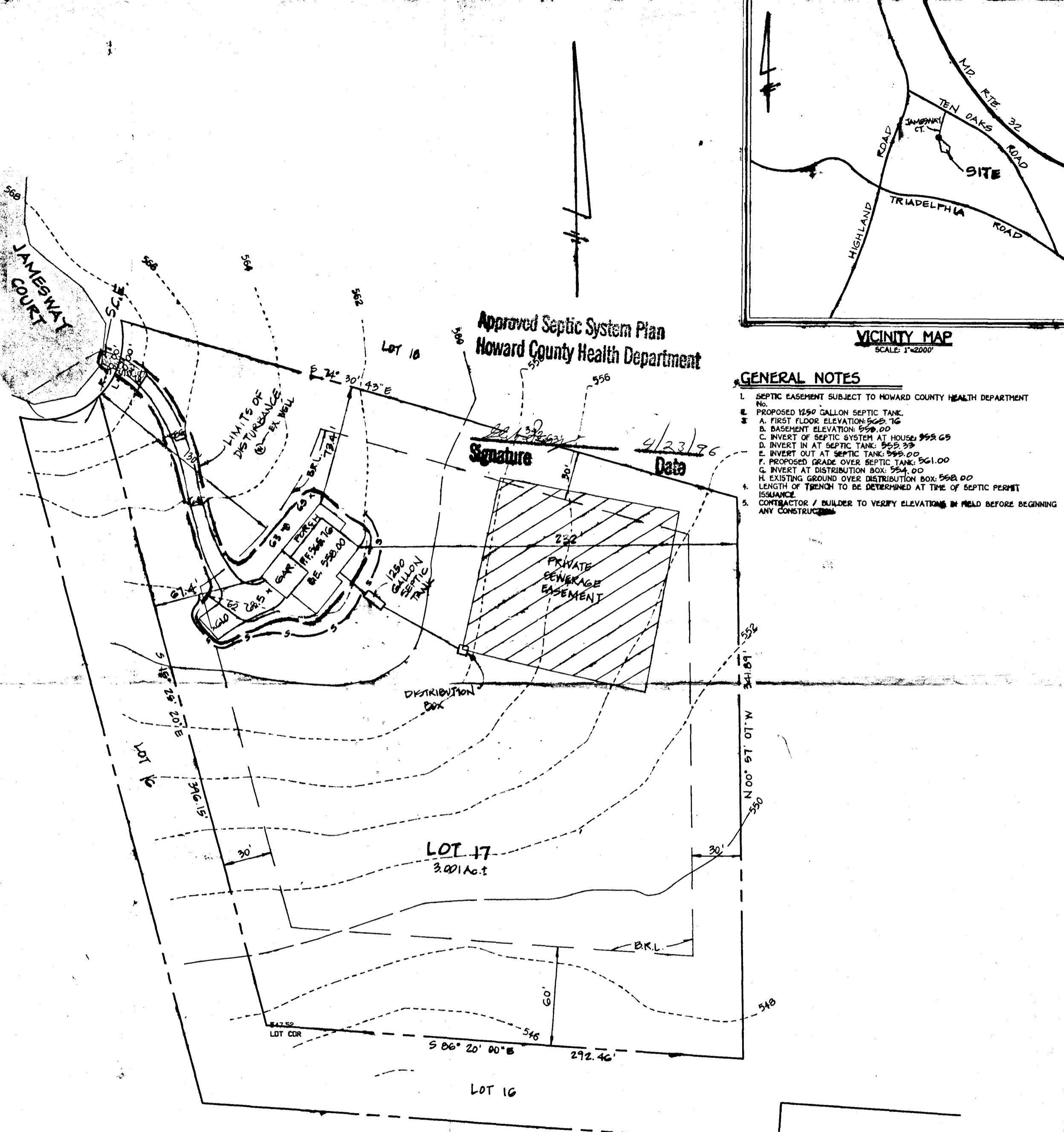


- 1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighing not less than 1.00 pound per linear foot.
2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and side-section and shall meet the following requirements for Geotextile Class F:
Tensile Strength: 50 lbs/in (min.) Test: NHT 509
Tensile Modulus: 20 lbs/in (min.) Test: NHT 509
Flow Rate: 0.3 gal P4/minute (max.) Tests NHT 322
Filtering Efficiency: 75% (min.) Test: NHT 322
3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

Table with 2 columns: Property, Value. Tensile Strength: 50 lbs/in (min.) Test: NHT 509. Tensile Modulus: 20 lbs/in (min.) Test: NHT 509. Flow Rate: 0.3 gal P4/minute (max.) Tests NHT 322. Filtering Efficiency: 75% (min.) Test: NHT 322.

3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.

4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.



Approved Septic System Plan Howard County Health Department

Signature: [Signature] Date: 4/23/96

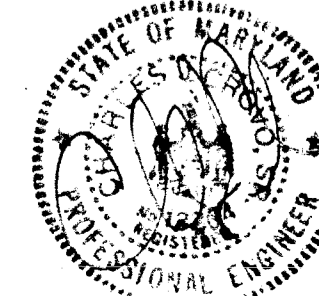
GENERAL NOTES

- 1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT.
2. PROPOSED 1200 GALLON SEPTIC TANK.
3. A. FIRST FLOOR ELEVATION: 565.76
B. BASEMENT ELEVATION: 559.00
C. INVERT OF SEPTIC SYSTEM AT HOUSE: 559.65
D. INVERT IN AT SEPTIC TANK: 555.39
E. INVERT OUT AT SEPTIC TANK: 555.00
F. PROPOSED GRADE OVER SEPTIC TANK: 561.00
G. INVERT AT DISTRIBUTION BOX: 554.00
H. EXISTING GROUND OVER DISTRIBUTION BOX: 568.00
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

STABILIZED CONSTRUCTION ENTRANCE - 2 NOT TO SCALE

FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PKW. ELLICOTT CITY, MARYLAND 21042 (410) 461-2000

SILT FENCE NOT TO SCALE



PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT DUNFARMIN ESTATES

LOT 17 TAX MAP 34 7/0 PARCEL 292 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

The plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing, or re-financing.

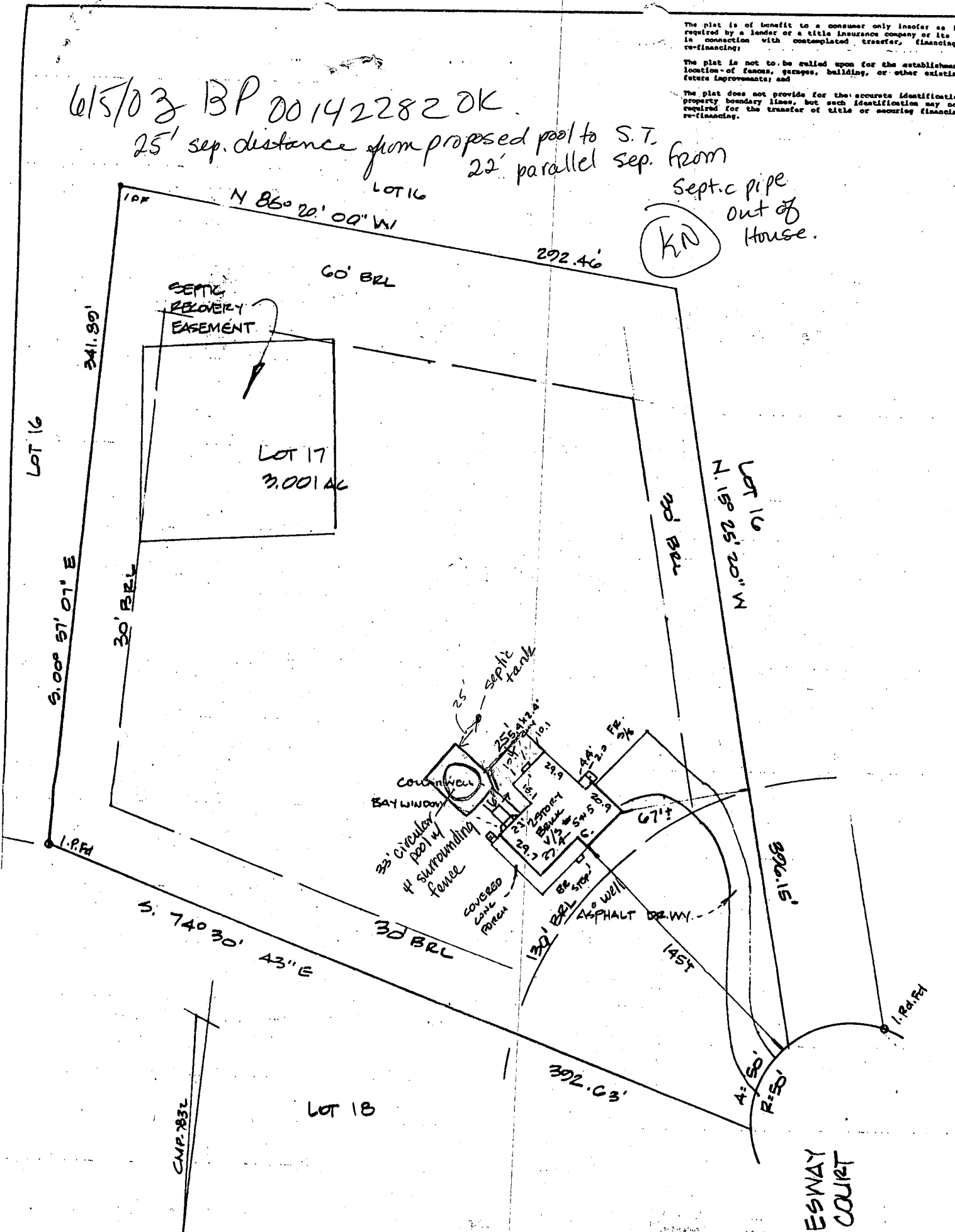
The plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements; and

The plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or re-financing.

6/5/03 BP 00142282 OK

25' sep. distance from proposed pool to S.T.  
22' parallel sep. from

Sept. c pipe out of House.  
KN

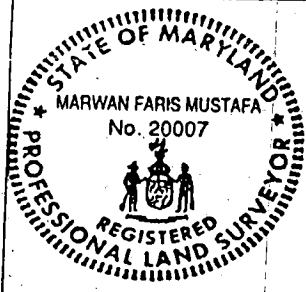


NOTES:  
As indicated in a H.U.D. designated Flood Hazard Zone as per F.E.M.A. Community Panel No. 240044 0026 B ZONE C  
Prepared without the benefit of a title report.  
Information shown hereon should not be relied upon for construction of improvements.

F.B. 2938 2

I hereby certify that I have surveyed the property shown hereon for the purpose of locating the improvements only, and the improvements are located as shown. Exact property corners have not been established or set, unless otherwise noted. We assume no responsibility or liability for any rights-of-ways or easements recorded or unrecorded not appearing on the record plat or mentioned in the title deed referred to hereon.

*Maryam Faris Mustafa*  
MAYYAN FARIS MUSTAFA  
Reg. Prof. Land Surveyor, Md. 20007  
Date 4/29/97



LOT IMPROVEMENT SURVEY  
5415 JAMESWAY COURT  
LOT 17  
DUNFARMIN ESTATES

5TH CLARKSVILLE Election District  
HOWARD County, Maryland

RIGHT, ELLIOTT & ASSOCIATES, INC  
508 Adelphi Road  
Bethesda, Maryland 20783  
Phone 301-422-8080  
Fax 301-422-8088



Draft: KEC  
CK: T

Job No.:  
N 6414

Plat Book / Page  
CMP-7832

Liber / Folio  
- -

Case Number:  
SCHNEIDER DG-086

Scale  
1" = 50'

File Number  
MH 7568