

10/22/98
12:00
10/25/98
WPI
ASAP

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-361210

P 510682

A 58125-C

DISTRICT _____

DATE 9-14-98

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 10/22/98

INSPECTOR KM

INDEXED

Jack Fyock Septic Services IS PERMITTED TO INSTALL X ALTER _____

ADDRESS P.O. Box 89 Triadelphia Road Glenelg, MD 21737 PHONE (410) 988-9270

SUBDIVISION Clarks Woods II LOT 1 ROAD 14397 Dorsey Mill Road

PROPERTY OWNER Gurian

ADDRESS _____

**BUILDING PERMIT SIGNED
AND RETURNED**

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

4-19-03 BOD 141294-DECK W/GAZEBO

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 70 feet off the 214.49' lot line and 60 feet off the 216.37' lot line as seen when facing the lot from pipestem off Dorsey Mill Road. Run trenches along contour towards the 216.37' lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *10/15/98 OKAM*

PLANS APPROVED BY Donna K. Soe DATE 10/15/98

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

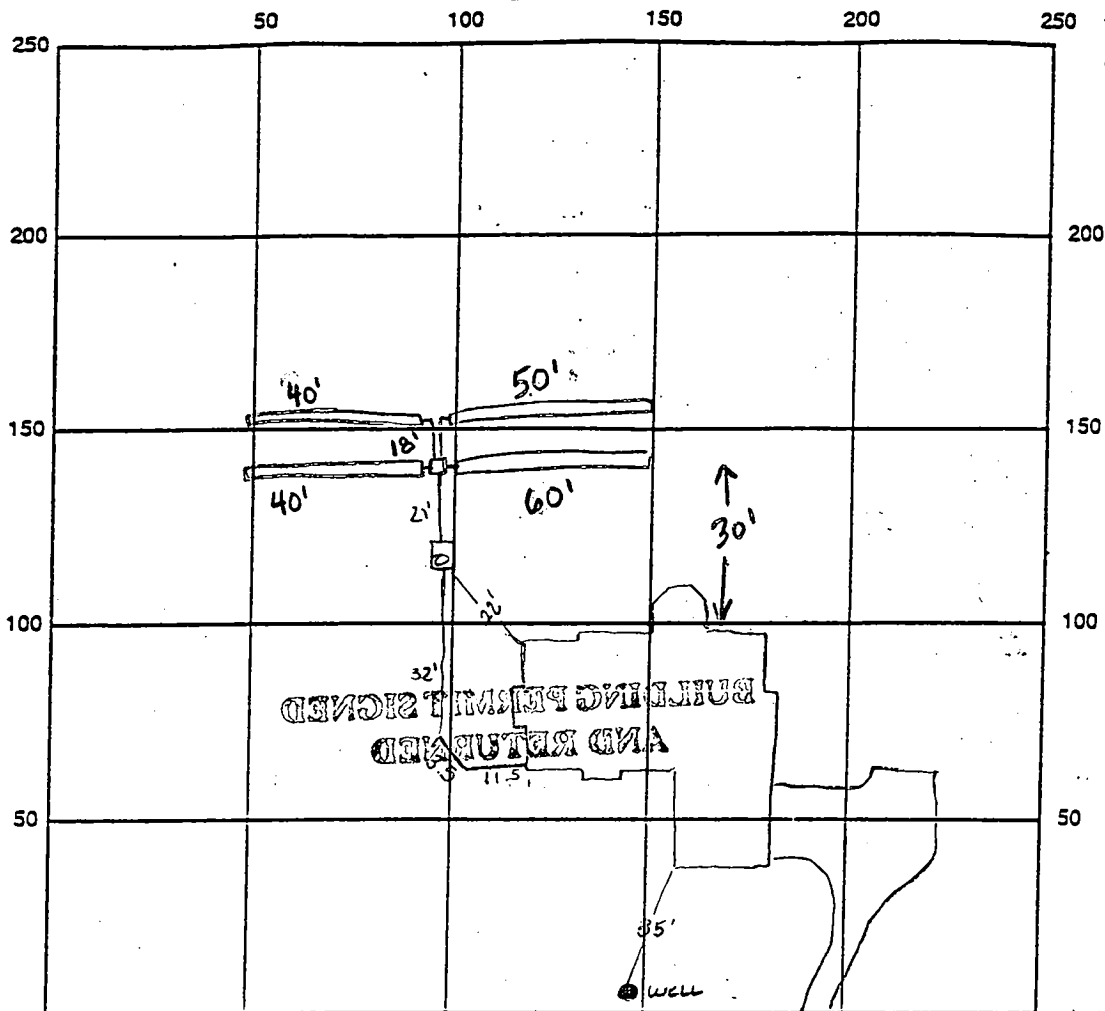
PERMIT VOID AFTER TWO YEARS

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 58125-C



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE DORSEY Mill Rd.

SEPTIC TANK LEVEL OK 1250 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 490 FT.

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 760 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 10/22/98 OK to cover house to DB - no house connection -

OK to stone & cover trenches, leave ends open &e

10/22/98 (pm) OK to cover all work, has house connection (Km)

DATE SYSTEM APPROVED 10/22/98 INSPECTOR Kim Maiste

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: *Wayne Greenfield* DATE: 8/3/98

DEVELOPER'S CERTIFICATE

I HAVE CERTIFIED THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT 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.

SIGNATURE OF DEVELOPER: *Wayne Greenfield* DATE: 8/3/98

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

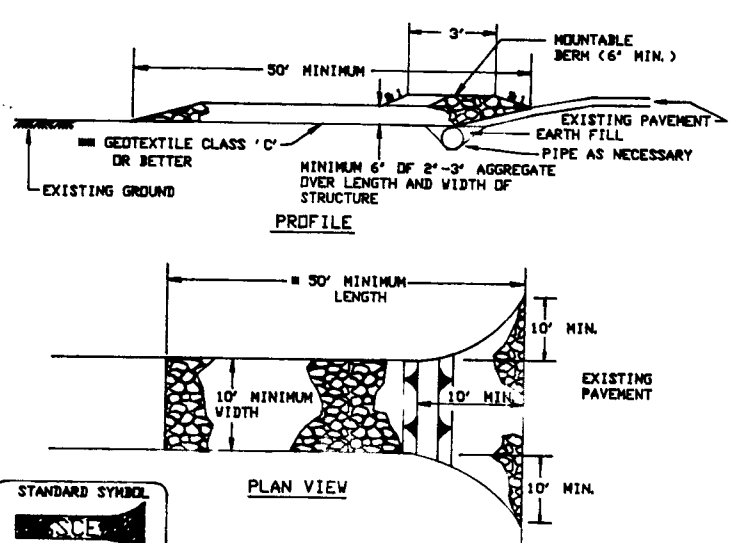
APPROVED: *Clayton Simmons* 9/13/98
S.D.A. NATURAL RESOURCES CONSERVATION DISTRICT

APPROVED: *John P. Roberts* 8/13/98
HOWARD SOIL CONSERVATION DISTRICT

SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSING AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (303-505).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THEREOF.
- 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.
- 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.
- 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. 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.
- 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.
- SITE ANALYSIS:

TOTAL AREA OF SITE	1.08	ACRES
AREA TO BE ROOFED OR PAVED	0.28	ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.78	ACRES
TOTAL CUT	150	CU.YDS.
TOTAL FILL	150	CU.YDS.
- OFFSITE WASTE/BORROW AREA LOCATION: CLYDYS.
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSTALLATION 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.
- 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.



- STABILIZED CONSTRUCTION ENTRANCE - 2**
- Length - minimum of 30' x 30' for single residence lot.
 - Width - 10' minimum, should be placed at the existing road to provide a turning radius.
 - 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.)
 - 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.
 - Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through construction entrance shall be protected with a nountable berm with 5:1 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.
 - 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.

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN. (2 days)
- PERFORM NECESSARY GRADING AND STABILIZE THE SITE. (2 days)
- CONSTRUCT DWELLING ON SITE. (90 days)
- 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 @ 1 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 (32 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF WEEPING LOVEGRASS (07 LBS./1000SQ.FT.) FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 29. PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOO.

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 200 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 8 FEET OR HIGHER, USE 340 GALLONS PER ACRE @ 10 GAL./1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1990 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 DOLOMITE LIMESTONE (92 LBS./1000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (9 LBS./1000 SQ.FT.) BEFORE SEEDING HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREA/FORM FERTILIZER (9 LBS./1000 SQ.FT.) AND 500 LBS. PER ACRE (0.5 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 50 LBS./ACRE (0.4 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 29, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) - USE SOO; OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDED.

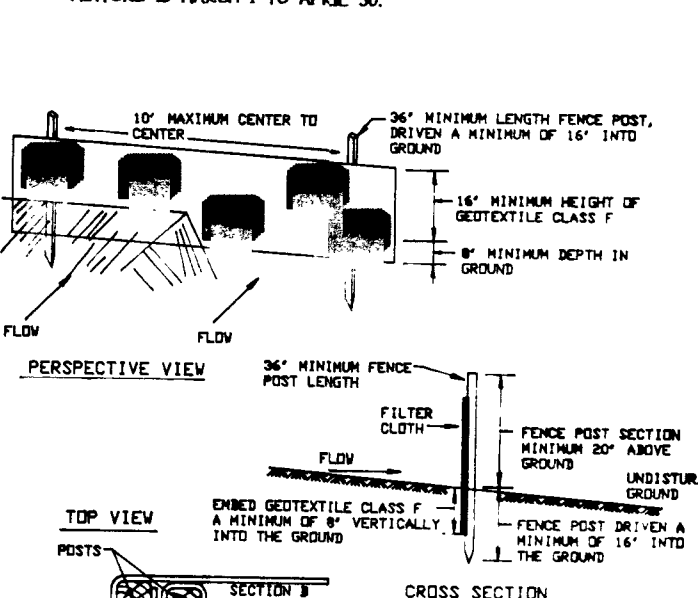
MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (90 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 8 FEET OR HIGHER, USE 340 GALLONS PER ACRE @ 10 GAL./1000 SQ.FT.) FOR ANCHORING.

MAINTENANCE

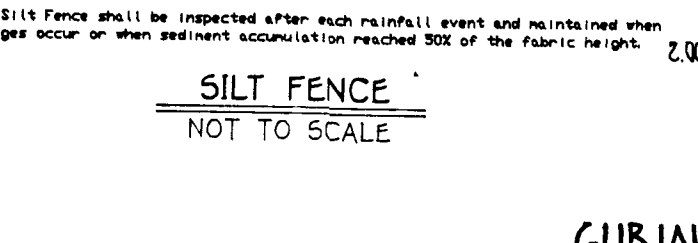
INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

FOR PUBLIC PONDS SUBSTITUTE CHEERING GROWNSVETCH 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.



- JOINING TWO ADJACENT SILT FENCE SECTIONS**
- 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 weighting not less than 1.00 pound per linear foot.
 - Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

Tensile Strength	30 lbs/in (min)	Test: MSH1 509
Tensile Modulus	20 lbs/in (min)	Test: MSH1 509
Flow Rate	0.3 gal ft ² /minute (max.)	Test: MSH1 322
Filtering Efficiency	75% (min)	Test: MSH1 322
 - Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
 - Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

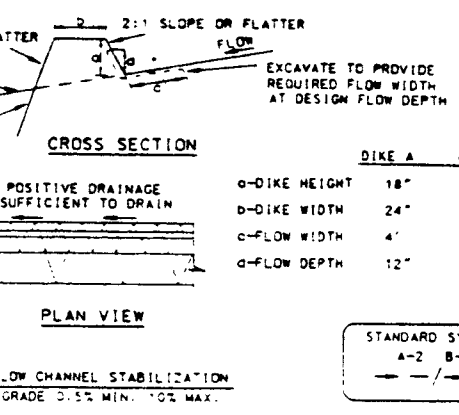


TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING: TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND. OTHER SOILS MAY BE USED IF RECOMMENDED BY SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURE SUBSOILS AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF CINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS TRASH, OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.

TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONGRASS, NUTSEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.

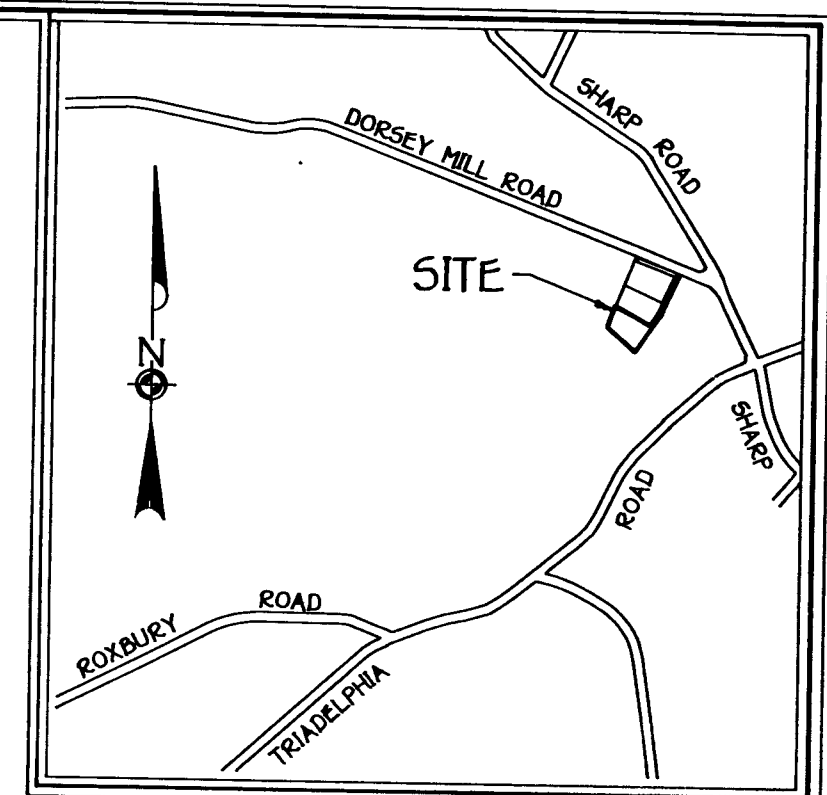
WHERE THE TOPSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIME/STONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUNDS PER 1000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.

EARTH DIKE



1. Seed and cover with straw mulch.
2. Seed and cover with Erosion Control Matting or LIME with sod.
3. 4" - 6" stone or recycled concrete equivalent pressed into the soil 1" minimum.

Construction Specifications:
1. All temporary earth dikes shall have uninterrupted positive grade to an outlet. Spot elevations may be necessary for grades less than 1:2.
2. Runoff diverted from a disturbed area shall be conveyed to a sediment trapping device.
3. Runoff diverted from an undisturbed area shall outlet directly into an undisturbed, stabilized area or a non-erosive velocity.
4. All trees, brush, stumps, obstructions, and other objectional material shall be removed and disposed of so as not to interfere with the proper functioning of the dike.
5. The dike shall be excavated or shaped to line, grade and cross section as required. Runoff shall be directed to an outlet and be free of bank projections or other obstructions.
6. Inspection and maintenance must be performed after each rain event.



GENERAL NOTES

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT
- PROPOSED 1500 GALLON SEPTIC TANK
- FIRST FLOOR ELEVATION: 571.10
- BASEMENT ELEVATION: 562.10
- INVERT AT SEPTIC TANK: 581.50
- INVERT AT DISTRIBUTION BOX: 582.50
- PROPOSED GRADE OVER SEPTIC TANK: 583.00
- INVERT AT DISTRIBUTION BOX: 583.00
- EXISTING GROUND OVER DISTRIBUTION BOX: 583.00
- LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE
- CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
- ANY CONSTRUCTION SHALL BE SUBJECT TO SEPTIC SYSTEM'S

Total linear feet of trench required 180 feet
Width of trench(es) 2 feet
Depth of trench(es) 17 feet
Depth of stone required below distribution pipe 4 feet

EX 50' USE-IN-COMMON ACCESS EASEMENT

EX 50' USE-IN-COMMON ACCESS EASEMENT

EX 50' USE-IN-COMMON ACCESS EASEMENT

EX 50' USE-IN-COMMON ACCESS EASEMENT

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EX 50' USE-IN-COMMON ACCESS EASEMENT

EX 50' USE-IN-COMMON ACCESS EASEMENT

Approved Septic System Plan
Howard County Health Department

Signature: *Wayne Greenfield* 5/15/98

Signature: *John P. Roberts* 5/15/98

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Signature: *John P. Roberts* 5/15/98

SEPTIC AREA TO BE ADDED

SEPTIC AREA TO BE ABANDONED

SEPTIC TANK

DISTRIBUTION BOX

REVISOR

Date: 10/15/98
Comments:

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT CLARKS WOODS II LOT 1 ZONED RC-DEO
TAX MAP 17 FIFTH ELECTION DISTRICT SCALE: 1" = 30'
PART OF PARCEL: 97 HOWARD COUNTY, MARYLAND DATE: JULY 23, 1998

NOT TO SCALE
FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - SUITE 200 - BALTIMORE, MD 21201
ELLIOTT CITY, MARYLAND 20642
410 481 - 2955

APPLICATION

PERCOLATION TESTING

A 58125-C

P _____

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

DISTRICT _____

DATE 5/2/97

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 Edgewood Farms Inc. *QURIAN*

ADDRESS P.O. Box 189 Glenelg, MD PHONE 410-531-3455

PROSPECTIVE BUYER Developer: Land marketing Consultants, Inc. / Tim Feaga

ADDRESS 3243 Bethany Lane Ellicott City, MD 21042 PHONE 410-313-8808

PROPERTY LOCATION:

SUBDIVISION Edgewood II (Clark Property) LOT NO 8 4

ROAD AND DESCRIPTION 14397 Dorsey Mill Road, Intersection of Dorsey Mill and Triadelphia Roads

Woods behind Church and graveyard

BLDG. PERMIT SIGNED
AND RETURNED 8-21-98
Serial # 137113445

TAX MAP 22 PARCEL # 97

SIZE OF LOT 1 Acre Cluster TYPE BLDG SFD-4Bdw.
(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.

Harold S. Clark
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

58125

COUNTY #

Lot 4

SOIL PROFILE

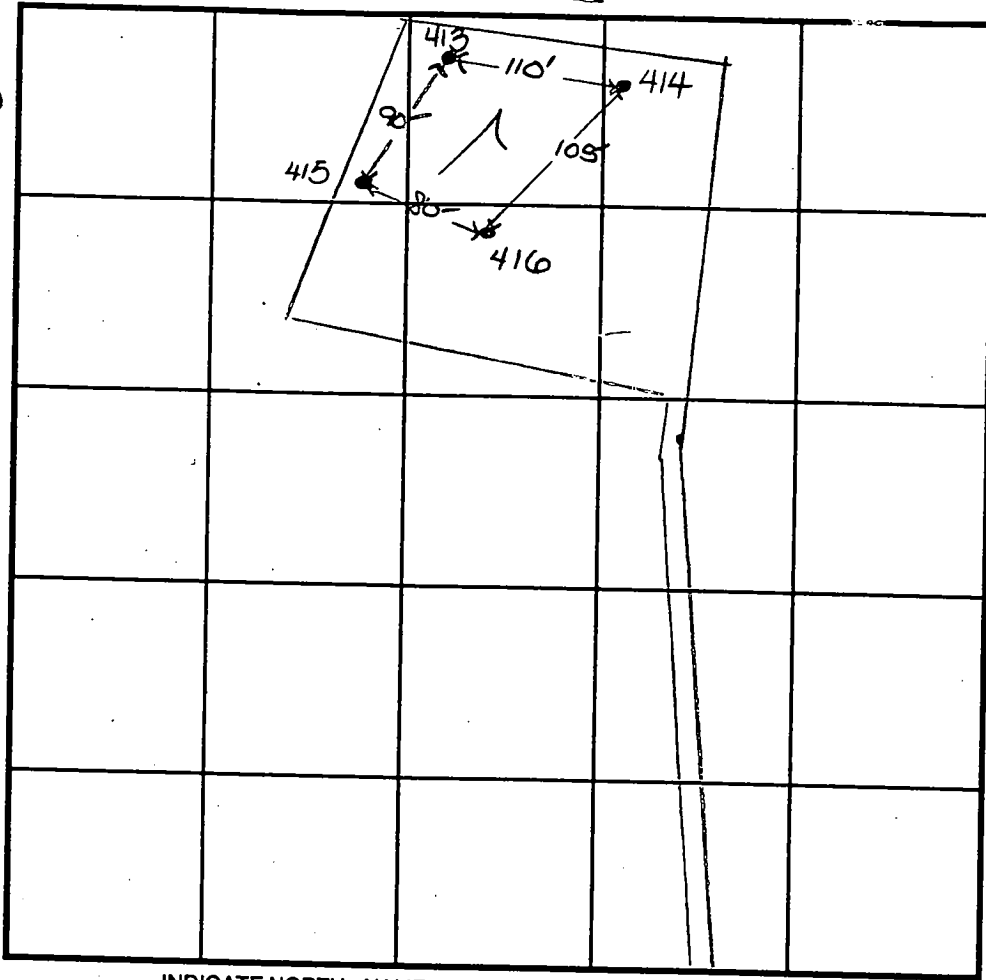
(413)/414

topsoil

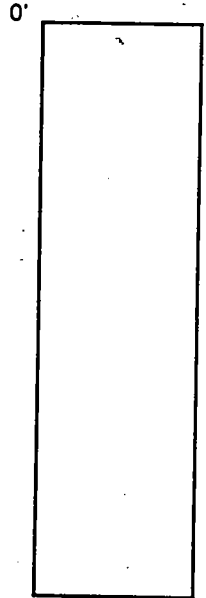
red brn
cl 1m

pale org
brn
si sa
1m

10%+
rock
frags



SOIL PROFILE



(415)/416

topsoil

red org
brn
cl 1m

beige
si sa 1m

5-10%
rock
frags

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Dorsey Mill Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-28-97	413	4.0'S	11:40	11:44	11:44	11:50	6
		10.5'D	Visual	OK			
	414	3.5'S	11:25 ₃	11:27	11:27	11:29	2
		11.0'D	Visual	OK			
	415	11.5'D	Visual	OK			
	416	11.0'D	Visual	OK			

REMARKS holes tested as staked

TYPE OF SOIL

TESTED BY D. Soe

ALSO PRESENT T. Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4

TRENCH WIDTH 2

INLET DEPTH 3.0

MAXIMUM BOTTOM DEPTH 7.0

SQ. FT./BEDROOM 180

C1 9548 SEQUENCE NO. (MDE 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)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER 58125-C

DATE RECEIVED 012098

DATE WELL COMPLETED 120297

DEPTH OF WELL 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-1284

OWNER land marketing consultants STREET OR RFD Dorsey Mill Rd. TOWN Glenzig SUBDIVISION Clark Property SECTION LOT 4

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Overburden, Soft Shale, Granite, and water encountered at 225 & 280'.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (11), NO. OF POUNDS (1100), DEPTH OF GROUT SEAL (44 ft).

CASING RECORD: casing types insert appropriate code below (ST, CO, PL, OT).

MAIN CASING TYPE: PL (60-61), 6 (63-64), 60 (66-70). Includes nominal diameter and total depth.

OTHER CASING (if used): diameter and depth fields.

SCREEN RECORD: screen type or open hole (ST, BR, HO, PL, OT).

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED: Y (yes), N (no)

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

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 399

DRILLERS SIGNATURE: Allen Capton LIC. NO. MWD 009

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

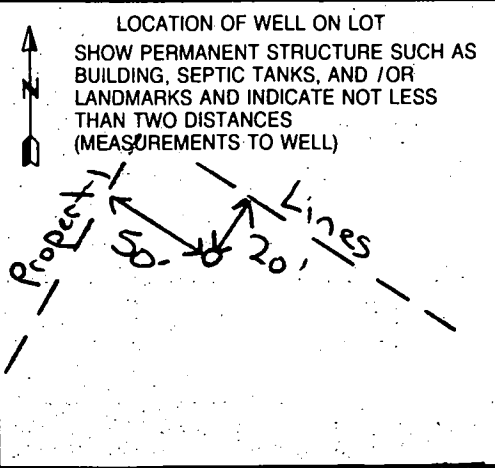
DEPTH (nearest ft.) table with rows 1-3 and columns 8-21, 23-26, 30-32, 38-41, 45-47, 51. Includes SLOT SIZE and DIAMETER OF SCREEN.

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 (74-76), TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED (6), PUMPING RATE (3.1), METHOD USED TO MEASURE PUMPING RATE (Submersible), WATER LEVEL (52 ft before, 26 ft when), TYPE OF PUMP USED (S submersible)

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (+ above, - below), LAND SURFACE (1 foot)



B 1	0627	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER <u>HO-94-1284</u> <small>fill in this form completely</small>
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OWNER INFORMATION

Date Received (APA) 09/16/97

8 MM DD YY 13

Land Marketing Consultants
15 Last Name Owner First Name 34

3243 Bethany Lane
36 Street or RFD 55

Elliot City MD 21043
57 Town 70 State 72 Zip 76

LOCATION OF WELL

B 3

Howard
8 COUNTY 21

Clark Property
23 SUBDIVISION 42

SECTION LOT 4
44 46 48 50

Glenely
52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 1 M 1:
73 76 77 78

DRILLER INFORMATION

Paul M. Fabiszak M MD 399
Driller's Name 76 License No. 81

G. Edgar Harr Sons' Corp
Firm Name

10047 Falls Rd Cockeysville, 21039
Address

[Signature] 9/15/97
Signature Date

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

NEAR WHAT ROAD Dorsey Mill Road
11 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 400 37
DISTANCE FROM ROAD
ENTER FT OR MI 38 39

TAX MAP: _____ BLK: _____ PARCEL: _____

WELL INFORMATION

1 2

APPROX. PUMPING RATE 5
(GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED 750
(GAL. PER DAY) 14 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A 58125
COUNTY NAME COUNTY NO.

STATE SIGNATURE _____ INSERT S → 41

DATE ISSUED 9/19/97 Donna K See 9/16/98
43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID 521 000 EAST GRID 0793 000
50 55 57 63

USE FOR WATER (CIRCLE APPROPRIATE BOX)

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

22 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 250 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6 INCH
NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

-
-
-

WRITE THE BOX NUMBER FROM THE MAP HERE

E 7903
N 510

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jettied & DRIVEN

30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)

37 CABLE REVerse-ROTary DRive-POINT

other _____

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

39 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 DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 52

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

APPROP. PERMIT NUMBER G A P
54 63

WRITE INITIALS IN BOX PERMIT No. HO-94-1284
FORCE DS 67 68 70 71 72 73 74 75 76 77 78 79

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

10/23/98
 P.A. 5' below grade,
 casing 2' above grade,
 has 2 piece cap (Kw)

HOWARD COUNTY HEALTH DEPARTMENT
 Bureau of Environmental Health
 3525-H Ellicott Mills Drive
 Ellicott City, MD 21043
 461-9933

APPLICATION FOR FITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement Receipt # _____ Date _____
 Name of Installer Garland Plumbing, Inc. Telephone 410-875-8303
 License Number 6352
 Certified Well Pump Installer _____ Well Driller _____ Registered Plumber
 Name of Property Owner David Gurian Telephone 410-781-6782
 Subdivision Chickwood II Lot # 1 Well Tag # HO-94-1284
 Site Address 14397 Daisy Mill Rd

Pump
 1. Type
 a. Deep well jet _____
 b. Shallow well jet _____
 c. Submersible
 2. Make Goetts
 3. Model # 2EH 3/4 HP
 4. Capacity 7 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 _____
 2. RPM _____
 3. Voltage _____
 a. 110 _____
 b. 220 _____

Fitless Adapter
 1. Make _____
 2. Model # _____
 3. Depth _____

Tank
 1. Capacity Waltrol 250
 2. Pressure relief valve? Yes

Piping
 1. Type Poly
 2. Size 1"
 3. NSF and/or BOCA Code approved Yes
 4. Depth of supply line 48"

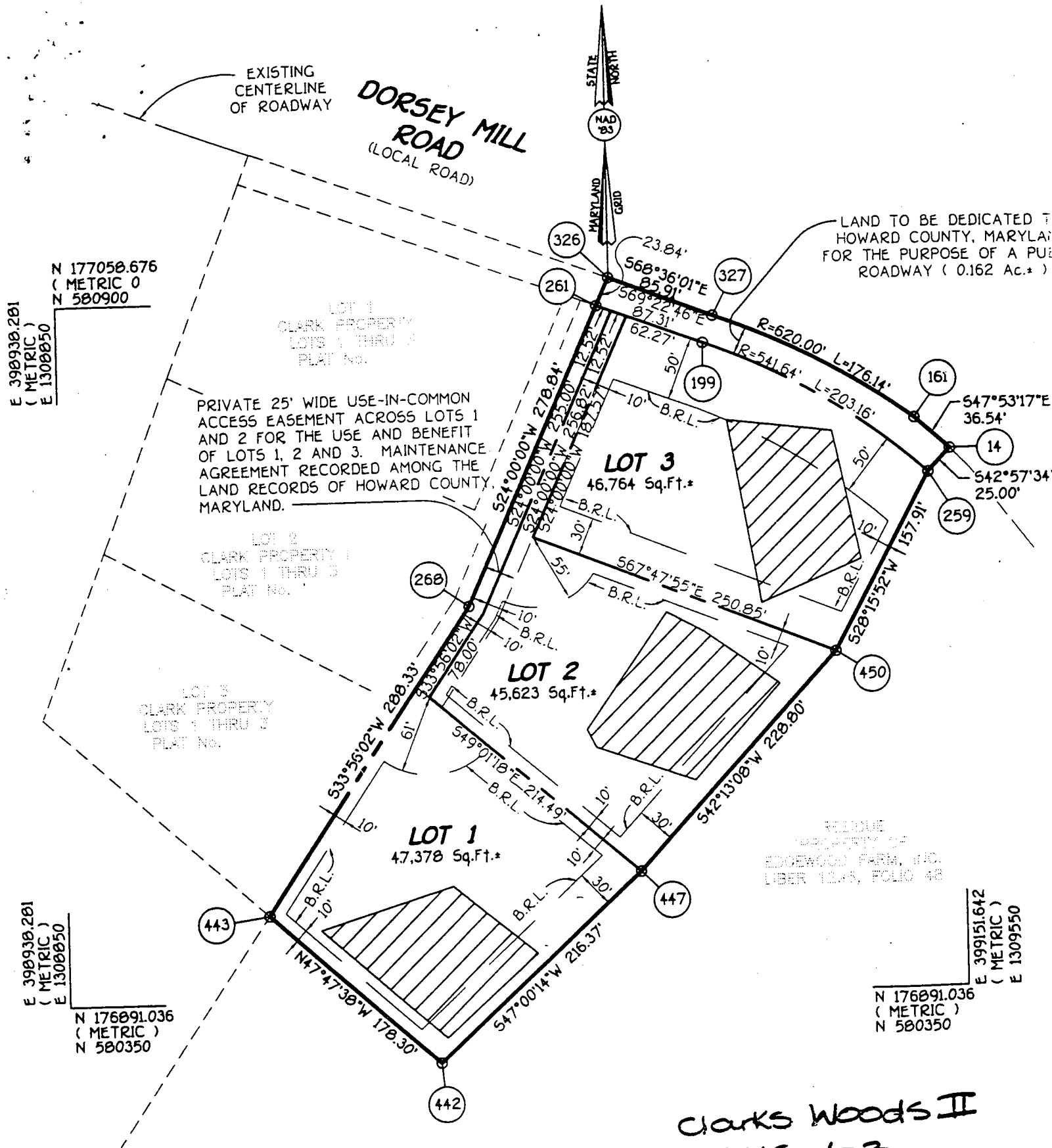
Well data
 1. Depth 300 ft.
 2. Yield 10 GPM
 3. Static water level 50 ft.
 4. Will water supply be disinfected by installer? No

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: _____
 Date: _____

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



EXISTING CENTERLINE OF ROADWAY
DORSEY MILL ROAD
 (LOCAL ROAD)

LAND TO BE DEDICATED TO HOWARD COUNTY, MARYLAND FOR THE PURPOSE OF A PUBLIC ROADWAY (0.162 Ac.±)

PRIVATE 25' WIDE USE-IN-COMMON ACCESS EASEMENT ACROSS LOTS 1 AND 2 FOR THE USE AND BENEFIT OF LOTS 1, 2 AND 3. MAINTENANCE AGREEMENT RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

LOT 1
 CLARK PROPERTY
 LOTS 1 THRU 3
 PLAT No.

LOT 2
 CLARK PROPERTY
 LOTS 1 THRU 3
 PLAT No.

LOT 3
 CLARK PROPERTY
 LOTS 1 THRU 3
 PLAT No.

LOT 1
 47,378 Sq.Ft.*

LOT 2
 45,623 Sq.Ft.*

LOT 3
 46,764 Sq.Ft.*

RESIDUE PROPERTY OF
 EDGEWOOD FARM, INC.
 LIBER 12-A, FOLIO 48

Clarks Woods II
LOTS 1-3
F-98-29

OWNER AND DEVELOPER

EDGEWOOD FARM, INC.
 c/o HAROLD L. CLARK
 14919 ROXBURY ROAD
 GLENELG, MARYLAND 21737

This Subdivision
 Residue Of The
 In Liber No. 12
 Approximately

E 398930.281
 (METRIC)
 E 1308850
 N 177058.676
 (METRIC)
 N 580900

E 398930.281
 (METRIC)
 E 1308850
 N 176891.036
 (METRIC)
 N 580350

E 399151.642
 (METRIC)
 E 1309550
 N 176891.036
 (METRIC)
 N 580350

- 2. Runoff diverted from a disturbed area shall be conveyed to a sediment trapping device.
- 3. Runoff diverted from an undisturbed area shall outlet directly into an undisturbed, stabilized area at a non-erosive velocity.
- 4. All logs, brush, stumps, obstructions, and other objectional material shall be removed and disposed of so as not to interfere with the proper functioning of the line.
- 5. The ditch shall be excavated or shaped to line, grade and cross section as required to meet the criteria specified herein and be free of bark projections or other obstructions.
- 6. The ditch shall be equipped by appropriate means to prevent erosion.
- 7. All structures shall be placed so that they will not interfere with the system.
- 8. Inspections and maintenance must be provided periodically and after each rain event.

Approved Septic System Plan
Howard County Health Department

LOT 2
 CLARKS WOODS II

GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
2. PROPOSED 1500 GALLON SEPTIC TANK
3. A. FIRST FLOOR ELEVATION: 591.10
 B. BASEMENT ELEVATION: 587.10
 C. INVERT OF SEPTIC SYSTEM AT HOUSE: 587.10
 D. INVERT IN AT SEPTIC TANK: 581.00
 E. INVERT OUT AT SEPTIC TANK: 581.00
 F. PROPOSED GRADE OVER SEPTIC TANK: 581.00
 G. INVERT AT DISTRIBUTION BOX: 581.00
 H. EXISTING GROUND OVER DISTRIBUTION BOX: 582.00
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.

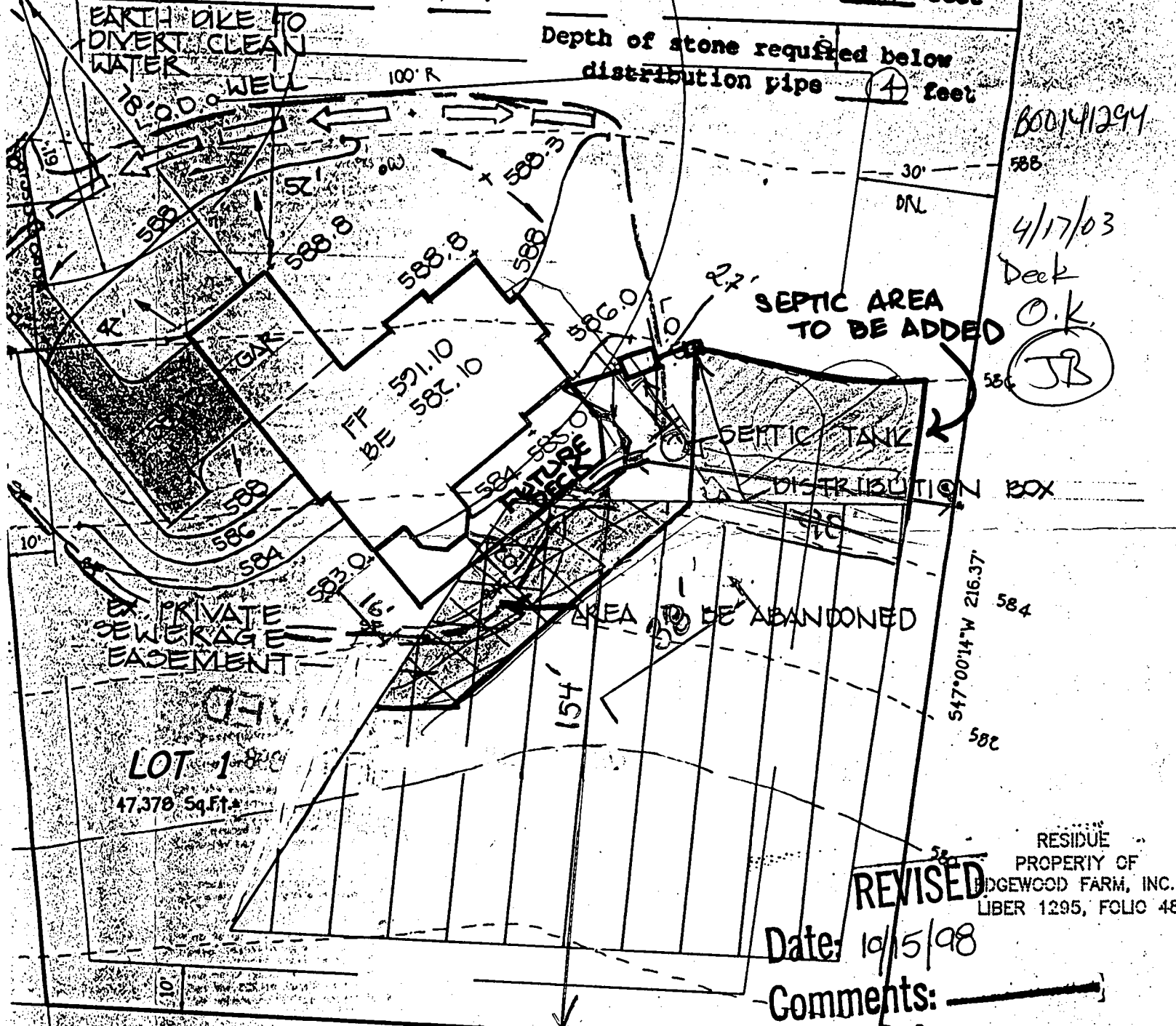
Total linear feet of trench required 180 feet

Width of trench(es) 2 feet

Depth of trench(es) 7 feet

Depth of stone required below distribution pipe 4 feet

Signature: *[Signature]*
 Date: 12/15/98
 549°01'18"E 214.49'



800/41294
 588
 4/17/03
 Deck
 O.K.
 JB

REVISED

Date: 10/5/98

Comments: _____



GP-99-22

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT
 CLARKS WOODS II
 LOT 1

TAX MAP 17
 FIFTH ELECTION DISTRICT
 SCALE: 1" = 30'

ZONED RC-DEO

PART OF PARCEL: 97
 HOWARD COUNTY, MARYLAND
 DATE: JULY 23, 1998

MURSEY MILL ROAD

594

Chc3

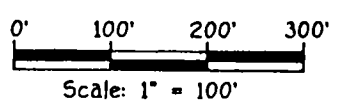
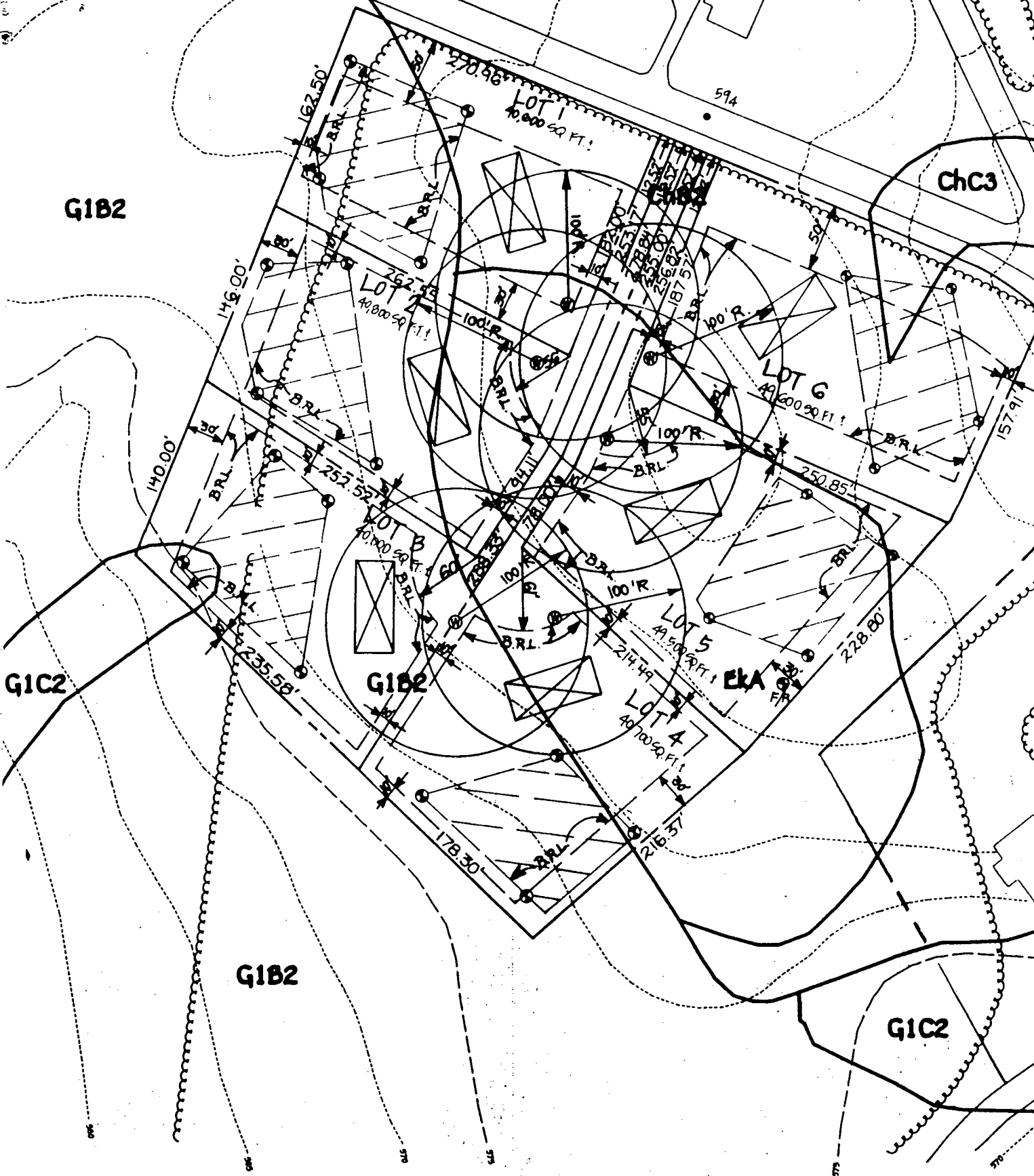
G1B2

G1C2

G1B2

G1B2

G1C2



Enc

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.

Gregory Goodwin
COUNTY HEALTH OFFICER

6-24-7
DATE