

10/28/98
LATE
10/29/98
ASAP

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 511013-D

A 19290

DISTRICT 3rd

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

DATE 9-30-98

DATE SYSTEM APPROVED 10/29/98

INSPECTOR M. Rifkin

03-302571

Jack Fyock Septic Services IS PERMITTED TO INSTALL X ALTER

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

SUBDIVISION Henryton Heights, Sec. 1 LOT 5 ROAD 11858 Ramsburg Road

PROPERTY OWNER Joseph I. Marsigliana, Sr.

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

(PUBLIC WATER)

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 15 feet off the left lot line and 80 feet off the rear lot line. Run trenches on contour in both directions.

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

MR 8/19/98

PLANS APPROVED BY Mark Rifkin DATE 8/14/98

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

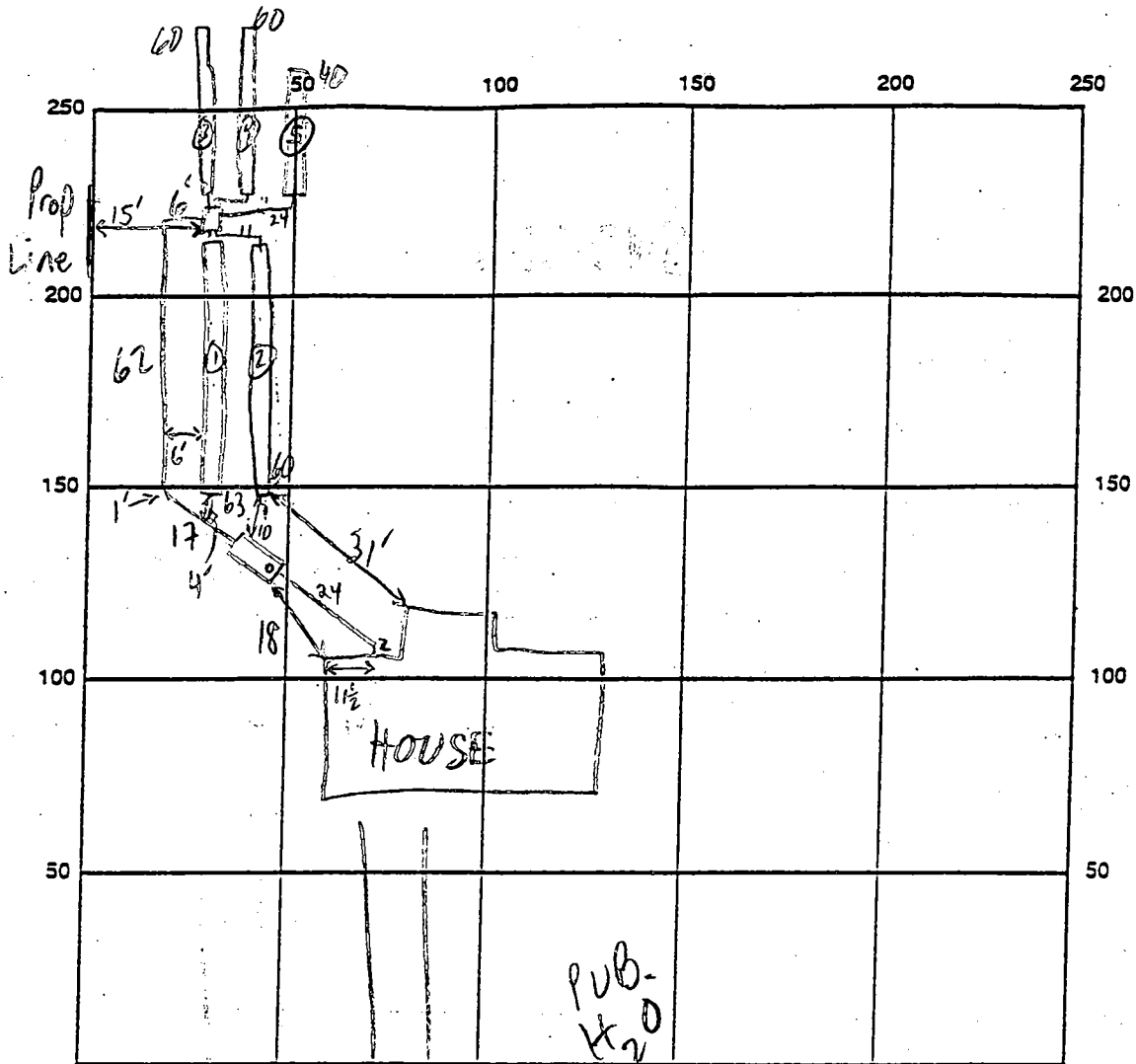
PERMIT VOID AFTER TWO YEARS

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**

FR 511013-D



RAMSBURG RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 GAL - OK CLEANOUTS S.T. OK

DISTRIBUTION BOX LEVEL OK BAFFLE IN

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 63 FT. 60 60 60 40

NUMBER OF TRENCHES 5 ONE-SIDE WALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 10/28/98 OK TO COVER HOUSE CONN. LINE TO D.B. + TRENCH (1)
OK TO INSTALL TRENCHES (2) & (3) LEAVE ENDS OPEN (MR)
10/29/98 OK TO FINISH & COVER

DATE SYSTEM APPROVED 10/29/98 INSPECTOR M. Ripkin



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

August 7, 2000

Howard County DILP
3430 Court House Drive
Ellicott City, MD 21043

RE: Henryton Heights – Lot 5
11858 Ramsburg Road
BP# B00113158
PUBLIC WATER

To Whom It May Concern:

This is to advise you that the septic system for the above referenced property has been installed and inspected. Final approval of the septic system was granted on October 29, 1998.

The property is served by public water and is therefore exempt from the Health Department water sampling requirements.

By issuance of this letter, this office recommends release of the Use and Occupancy permit for the referenced property.

Approving Authority

Steven R. Krieg, Sanitarian
Water and Sewerage Program

SRK

cc: Building Inspector's Office
File ✓

SITE INSPECTION SHEET

OWNER: Mr. & Mrs. E.L. RAMSBURG

DATE REQUESTED: 4/9/98

ADDRESS: 11850 RAMSBURG RD

BRIELER: _____

Marriottsville, MD 21104

WELL TAG # _____

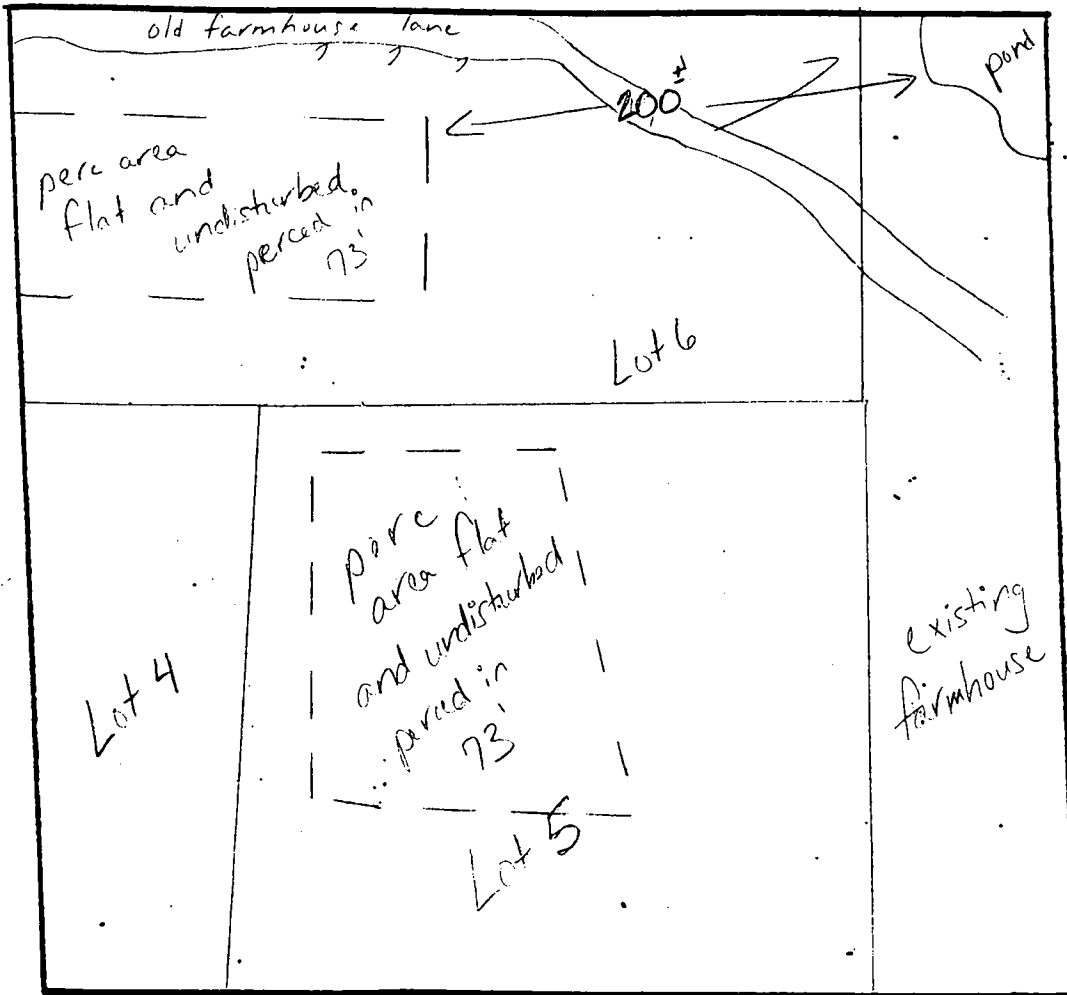
442-1686

COUNTY # _____

PROPOSAL: PLEASE CONFIRM "PERCS OK"

LOTS 5 & 6 RAMSBURG PROPERTY

LOCATION DIAGRAM



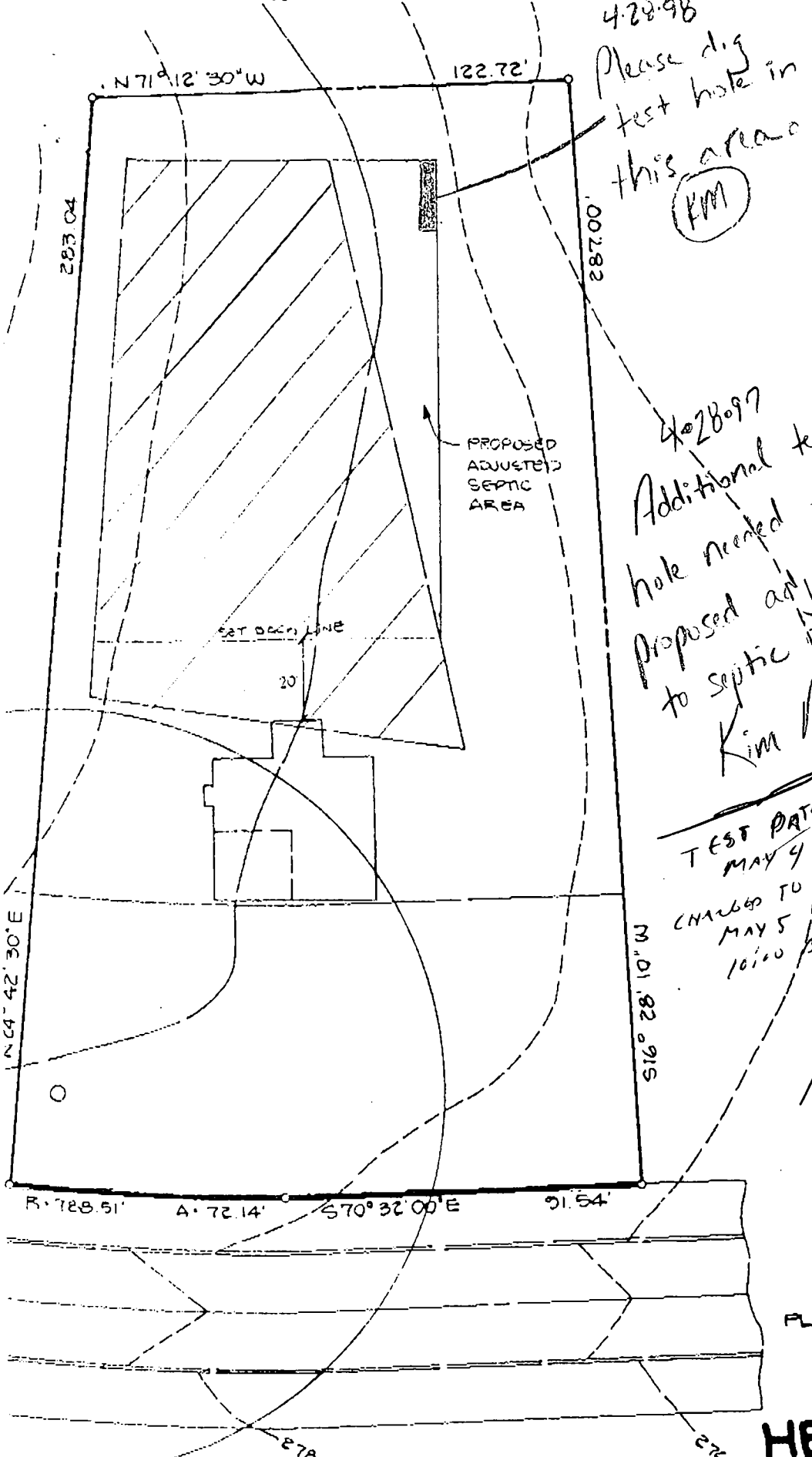
COMMENTS: 4.9.98 perc areas for both Lots 5 and 6 appear to be suitable from site evaluation.

Lot 5 has a 50' clearance between the BRL and septic easement.

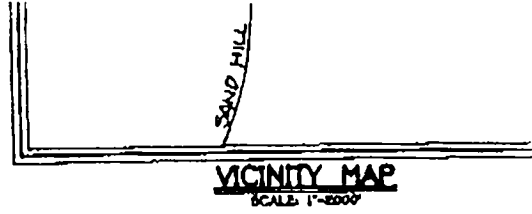
Lot 6 has a septic easement significantly higher than the elevation of the pond

DATE: 4.9.98

INSPECTOR: Kim Maisto



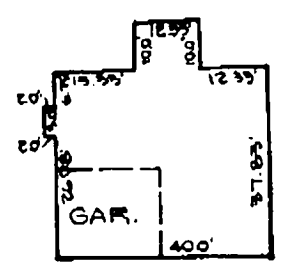
4-28-98
Please dig
test hole in
this area
(KM)



GENERAL NOTES

1. SEPTIC SYSTEM SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
2. PROPOSED 1500 GALLON SEPTIC TANK.
3. A. FIRST FLOOR ELEVATION
B. BASEMENT ELEVATION
C. INVERT OF SEPTIC SYSTEM AT HOUSE
D. INVERT IN AT SEPTIC TANK
E. INVERT OUT AT SEPTIC TANK
F. PROPOSED GRADE OVER SEPTIC TANK
G. INVERT AT DISTRIBUTION BOX
H. EXISTING GROUND OVER DISTRIBUTION BOX
LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
3. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE ANY CONSTRUCTION.
4. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.

4-28-97
Additional test
hole needed for
proposed adjustment
to septic area.
Kim *Minister*



PROPOSED RESIDENCE

TEST DATE
MAY 4
CHANGED TO
MAY 5
10:00 AM BY CONTRACTOR **(aw)**

Contact at FCC
Michael Marcellino

PLAN TO ACCOMPANY APPLICATION
FOR BUILDING PERMIT

LOT 5

HENRYTON HEIGHTS
SECTION 1

RAMSBURG ROAD
(60' R/W)

TAX MAP: 10
THIRD ELECTION DIST.
SCALE: 1"=30'
PARCE
HOWARD COUNTY, MD
DATE: APRIL, 1

Preliminary

APPLICATION

A 19290

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 478, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-8000, EXT. 386

DISTRICT 3rd

DATE 11/14/73

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 E. L. Ramsburg and wife *Joseph F. Marsigli Sr*

Any questions call Purdum and
Jeschke, 465-1635

ADDRESS 185 Henryton Road, Marriottsville, Md. PHONE _____

PROPERTY LOCATION:

SUBDIVISION Henryton Heights LOT NO. 5, Sec. 1

ROAD AND DESCRIPTION Unnamed road off Henryton Road
(11858 Ramsburg Road)

OLD PERMIT NO. _____
~~NO PERMIT~~ 8/14/78
Serial # 250113158

SIZE OF LOT 40,000 sq. ft. ± TYPE BLDG. 3 or 4 bedrooms - 4 Bed
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 /s/ E. L. Ramsburg

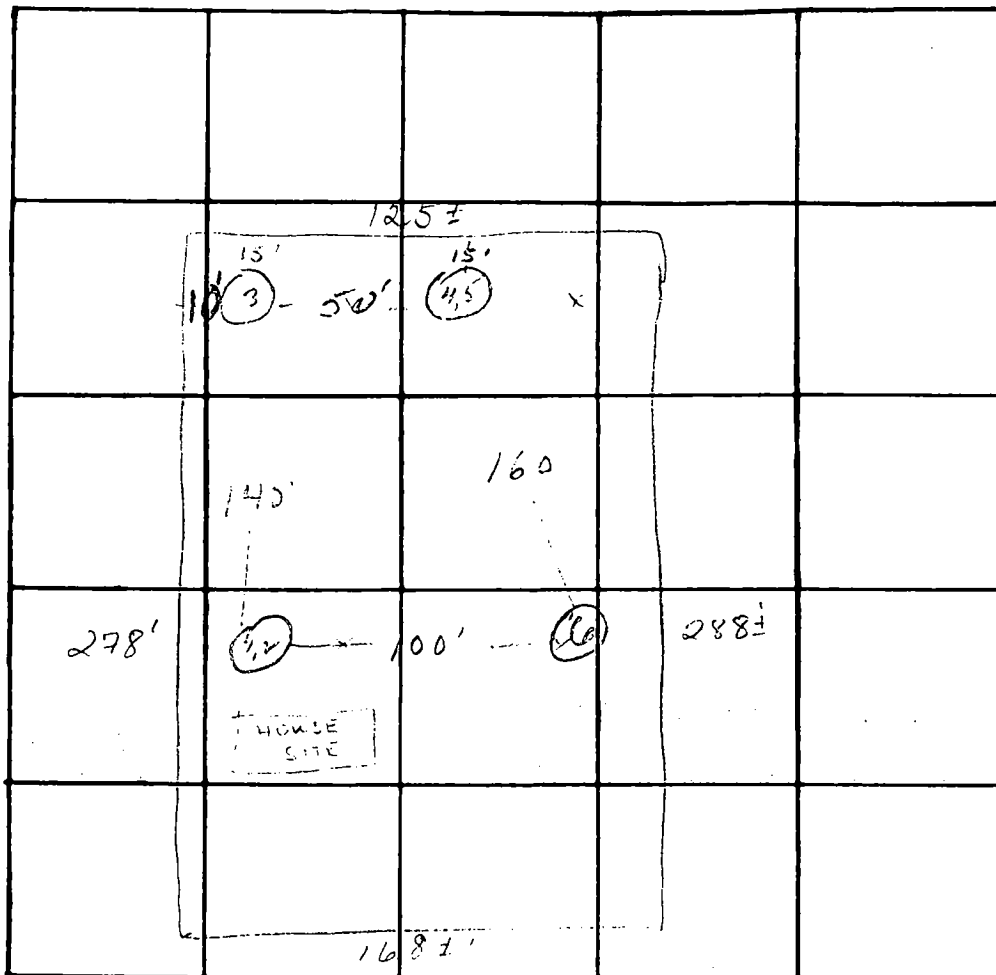
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
UNNAMED RD

Lot 5

$\bar{t} = 9 \text{ min}$
110 A/BR
2090 +
22 A
↓
132 A/BR

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/6/73	1	5	1:16	1:25	1:25	1:44	19
Aug 73	2	12	1:16	1:18	1:18	1:26	8
	3	12	Visual				
	4	4	1:37	1:39	1:39	1:39	4
	5	11	1:34	1:37	1:37	1:41	4
	6	11 1/2	Visual				

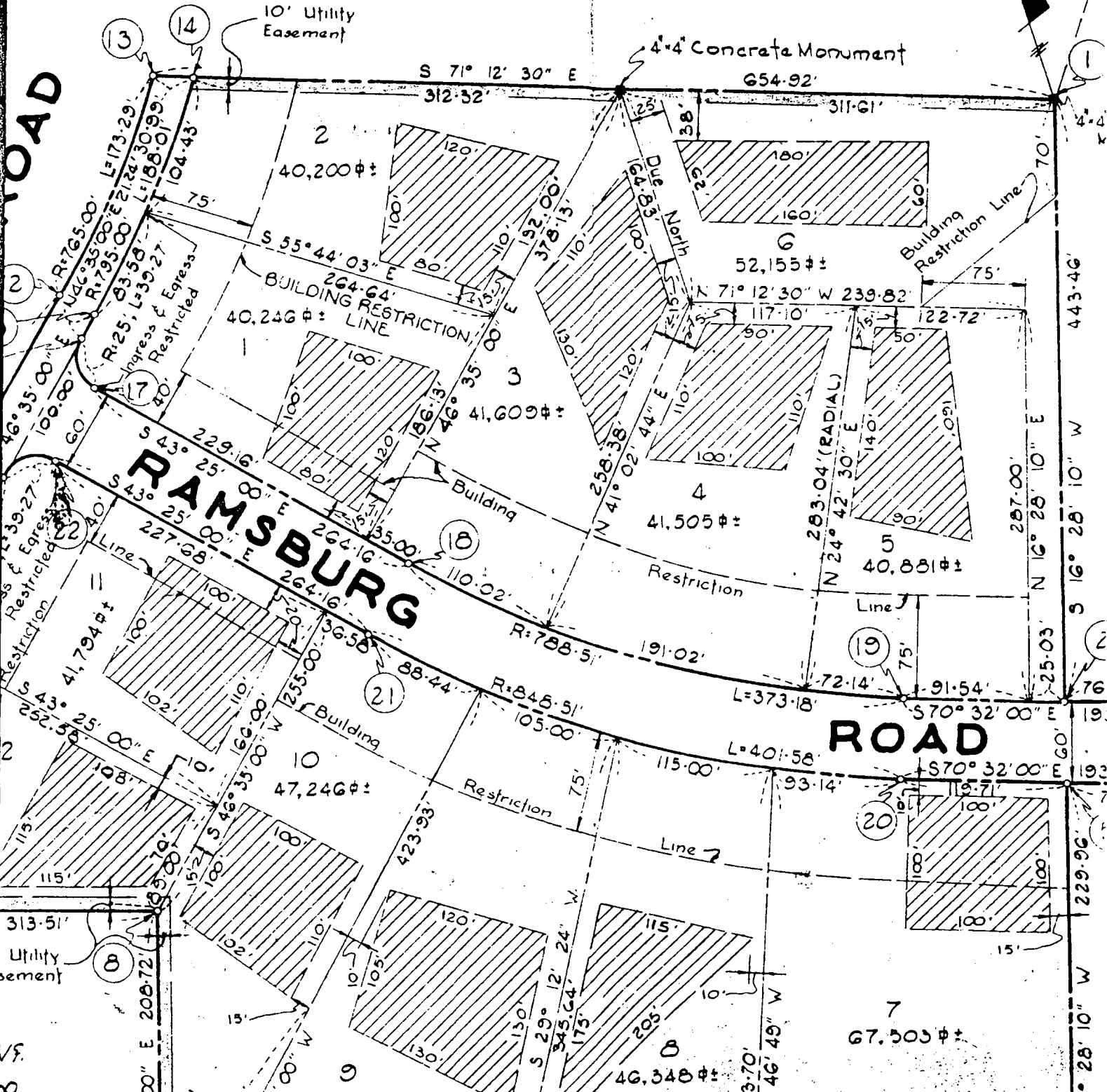
Aug. 9
9 min
4' inlet

REMARKS

TYPE OF SOIL

Sandy silt

E. L. Ramsburg
652/21



RAMSBURG

ROAD

7
67,503 #±

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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. _____

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

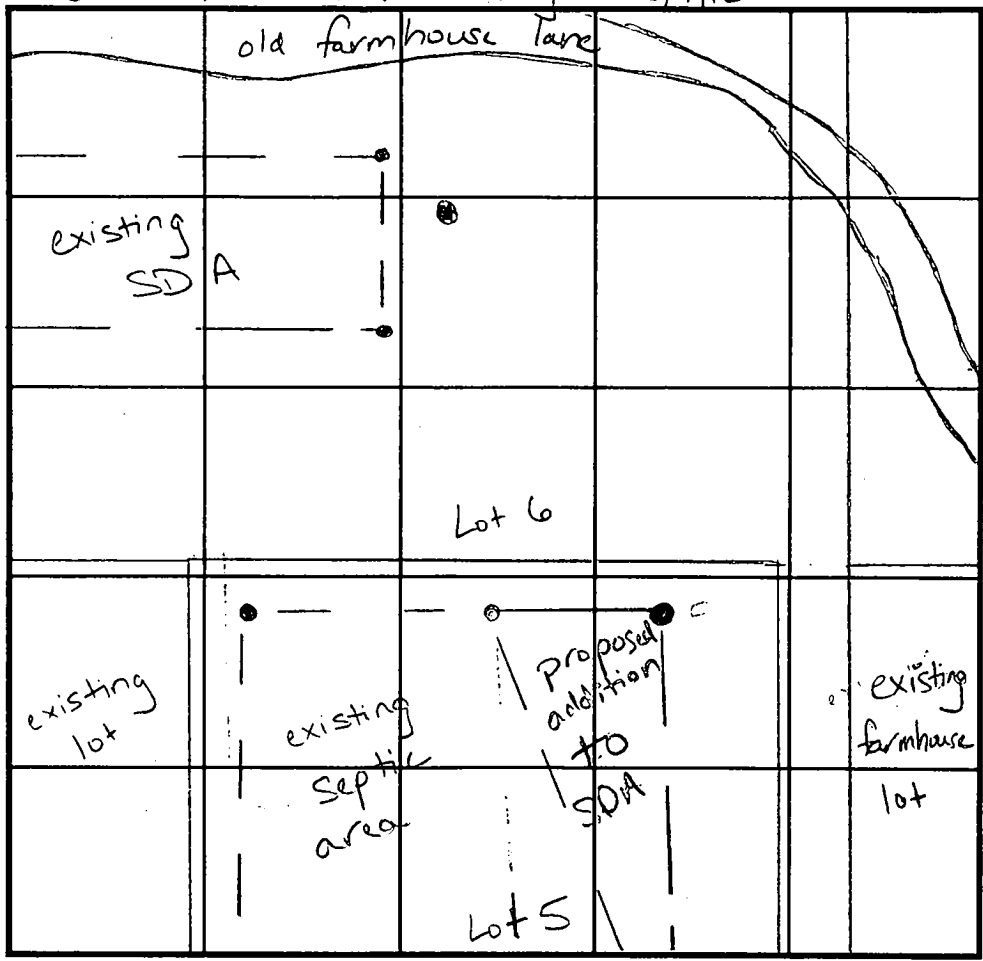
- existing perc test holes from 11/6/73
- additional test holes dug on 5/4/98

COUNTY #

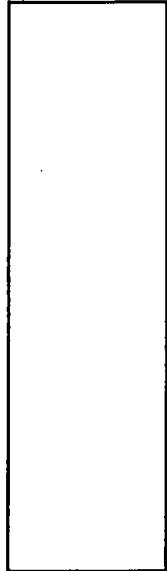
SOIL PROFILE

0'
A
or/br
clay loam
3.0'
1t orange/
brown
silty
loam
10-15%
shale
frags
↓
16.0'

B
or/br
clay loam
3.0'
1t brown
silty
loam
10%-20%
shale
frags
↓
14.0'



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-4-98	A	16.0'D	visual	only	- see profile		
	(lot 5)						
	B	14.0'D	visual	only	- see profile		
	(lot 6)		(test hole dug to confirm)				
			(previous perc test results)				

REMARKS test holes not staked

TYPE OF SOIL _____

TESTED BY Kim Maiste ALSO PRESENT Olen Kotterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH 3.0

INLET DEPTH 3.0 MAXIMUM BOTTOM DEPTH 5.0 SQ. FT./BEDROOM 210

5.498
Additional
test holes dug
(KMM)

TUNNELL ROAD

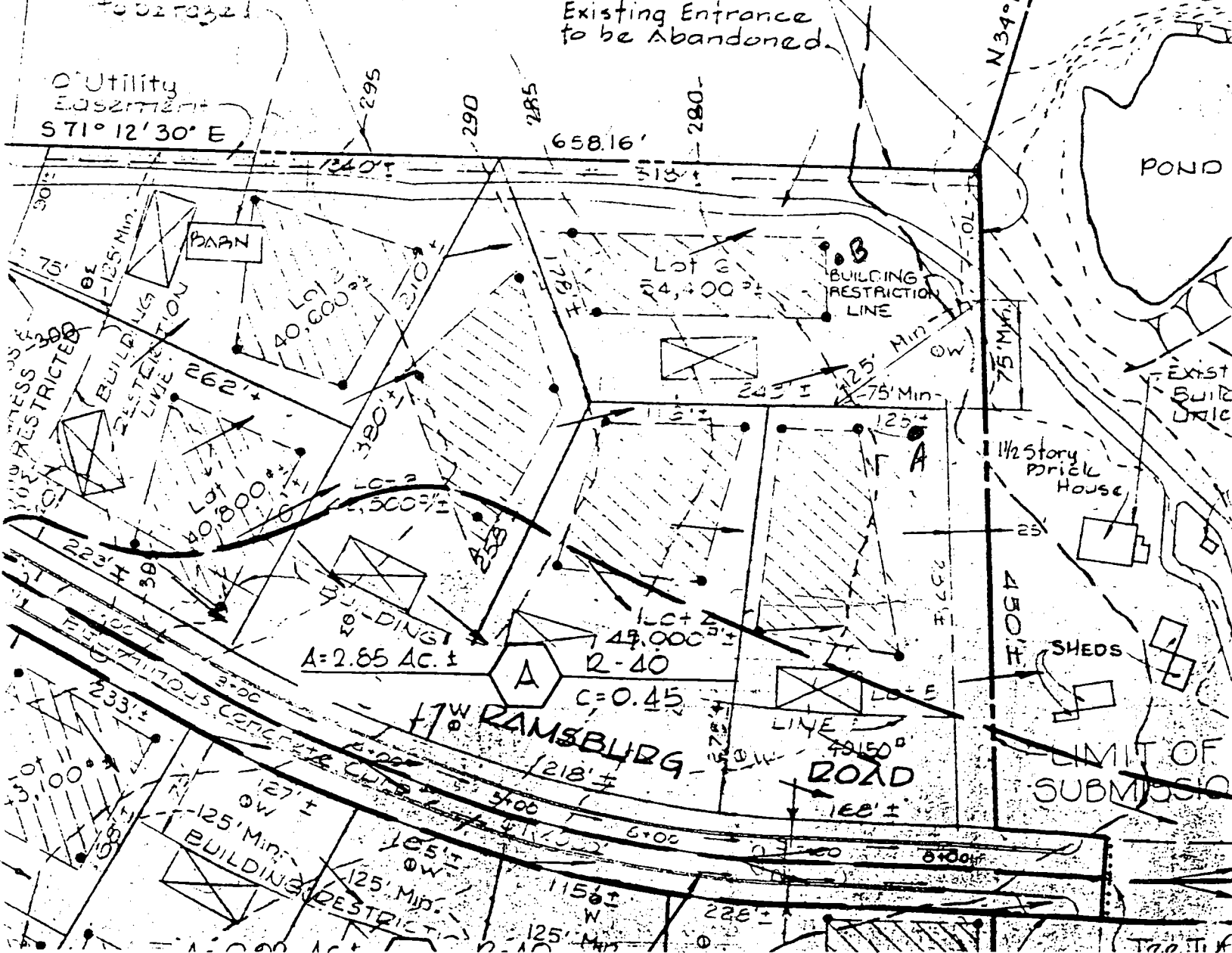
E.L. RAMSBURG & IVF
397/382

Existing Burn **LIMIT OF SUBMISSION**
to 0270321

Existing Entrance
to be Abandoned.

Utility
Easement
ST 1° 12' 30" E

N 34° 19' 30" E
345.25'



POND

Exist BUI UNIT

1/2 story brick House

SHEDS

LIMIT OF SUBMISSION

17° RAMSBURG ROAD

RECEIVED

February 5, 1999

FEB 10 1999

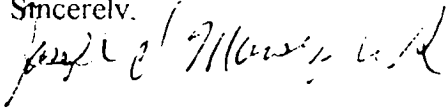
LICENSES & PERMITS
DIVISION

Howard County Department of
Inspections, Licenses and Permits
3430 Courthouse Drive
Ellicott City, Maryland 21043

Dear Ms. Corbin:

Enclosed please find four (4) copies of the location survey per Joe Williams for permit number B00113158, property address 11858 Ramsburg Road, Marriottsville, MD. - Lot 5, Subdivision Henryton Heights. If you have any further questions or need additional information, please call me at 410-442-5507.

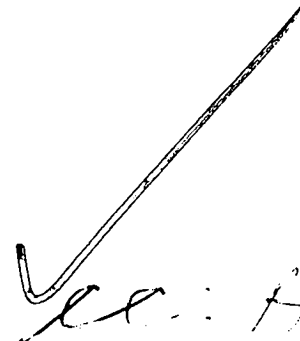
Sincerely,



Joseph I. Marsiglia, Sr.

NO DECK SHOWN
DILP TO SEND
CORRECT PLAN
MR 2/16/99

2/18/99 DECK OK
(MR)



cc: Health Dept
(FOR DECK)

LOT 4

LOT 5

(RADIAL)

EX. S.T.

DECK OK
10' SEPARATION
EXISTS
MR.
2/18/98

1:30

15'

50'

140'

PRIVATE
SEWAGE
EASEMENT

160'

N 24°42'30" E 283.04'

S16°28'10"W 287.00'

Deck
10' x 15'

9.9'

12.3'

2.3'

15.3'

18.0'

5.0'

6.9'

12.3'

2.3'

POURED
CONC.
FOUNDATION

25.2'

50' ±

26.0'

46.9'

25.2'

6.9'

12.7'

56' ±

75' BRL

76' ±

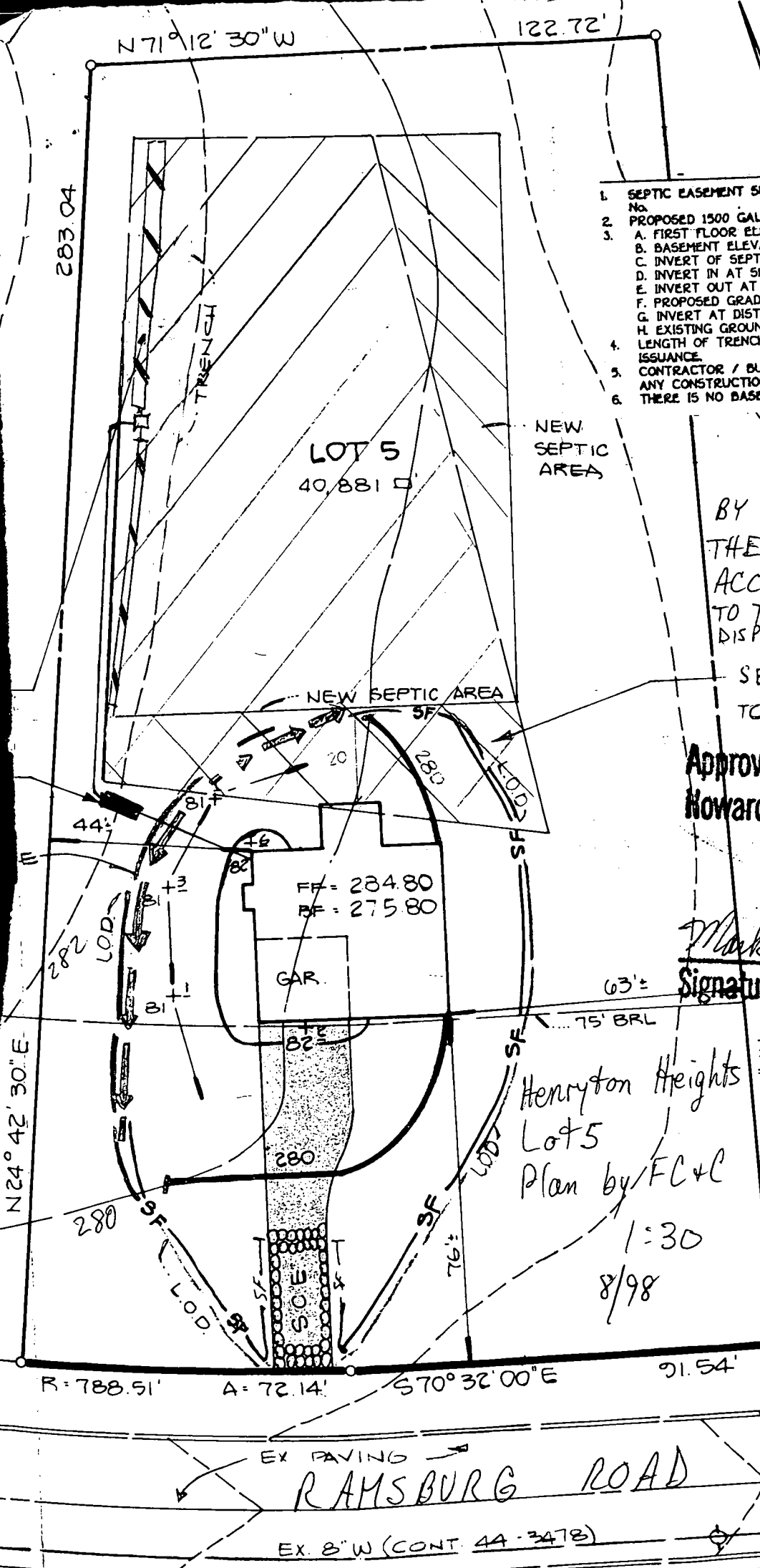
77' ±

L=72.14'

R=788.51

N70°32'00"W 91.54'

RAMSBURG ROAD
(60' R/W)



1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
2. PROPOSED 1500 GALLON SEPTIC TANK
3. A. FIRST FLOOR ELEVATION: 284.80
 B. BASEMENT ELEVATION: 275.80
 C. INVERT OF SEPTIC SYSTEM AT HOUSE: 280.7
 D. INVERT IN AT SEPTIC TANK: 280.4
 E. INVERT OUT AT SEPTIC TANK: 280.1
 F. PROPOSED GRADE OVER SEPTIC TANK: 282.0
 G. INVERT AT DISTRIBUTION BOX: 279.3
 H. EXISTING GROUND OVER DISTRIBUTION BOX: 282.3
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.
6. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.

BY COPY OF THIS PLAN,
 THE HEALTH DEPT
 ACCEPTS THIS MODIFICATION
 TO THE RECORDED SEWAGE
 DISPOSAL EASEMENT

SEPTIC AREA
 TO BE ABANDONED

Approved Septic System Plan
 Howard County Health Department
 B00113158

Mark E. Pflin
 Signature

8/14/98
 Date

Henryton Heights
 Lot 5
 Plan by FC+L
 1:30
 8/98

Total linear feet of trench required 280 feet
 Width of trench (es) 3 feet
 Depth of trench (es) 5 feet
 Depth of stone required below distribution pipe 2 feet

EX PAVING
 RAMSBURG ROAD

EX 8" W (CONT. 44-3478)

GP

PLAN TO ACC
 FOR B

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: 5/19/98

DEVELOPER'S CERTIFICATE

I/AWE 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: Joe Marsiglia DATE: 5/15/98

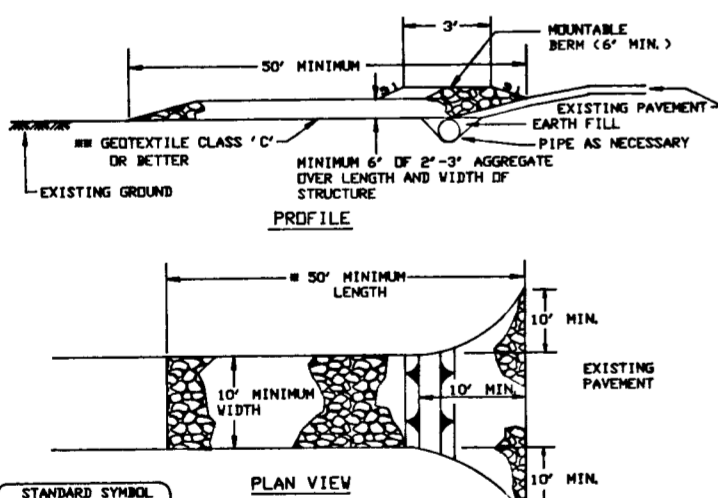
REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

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

DISTRICT HOWARD SOIL CONSERVATION DIST. DATE:

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 (313-1855).
- 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 THERETO.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1. 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. I, 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. 51), 50D (SEC. 54), 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: 0.938 ACRES
 - AREA DISTURBED: 0.282 ACRES
 - AREA TO BE ROOPEL OR PAVED: 0.072 ACRES
 - AREA TO BE VEGETATIVELY STABILIZED: 0.210 ACRES
 - TOTAL FILL: 300 CU.YDS.
 - OFFSITE WASTE/BORROW AREA LOCATION: 300 CU.YDS.
- 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 CONTROL MEASURES 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 INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, 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.



- Length - minimum of 30' (400' for single residence lot).
- Width - 10' minimum, should be flared at the existing road to provide a turning radius.
- Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. Written plan approval authority may not require single family residences to use geotextile.
- Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalents 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 the stabilized construction entrance shall be protected with a hountable 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.

STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MARYLAND 21042
F.C.C. 01-32 (410) 461-2855

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
- PERFORM NECESSARY GRADING AND STABILIZE THE SITE.
- 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 @ 2 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 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 50D.

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 8 FEET OR HIGHER, USE 3 1/2 GALLONS PER ACRE (8 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 (4 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 @ 1.5 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 (23 LBS./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE @ 1 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 50D; 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.

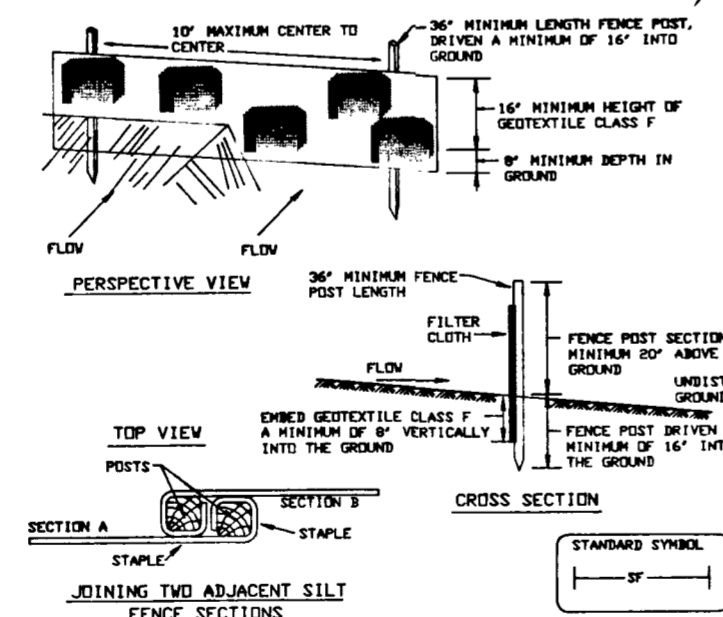
MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (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 3 1/2 GALLONS PER ACRE (8 GAL./1000 SQ.FT.) FOR ANCHORING.

MAINTENANCE

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

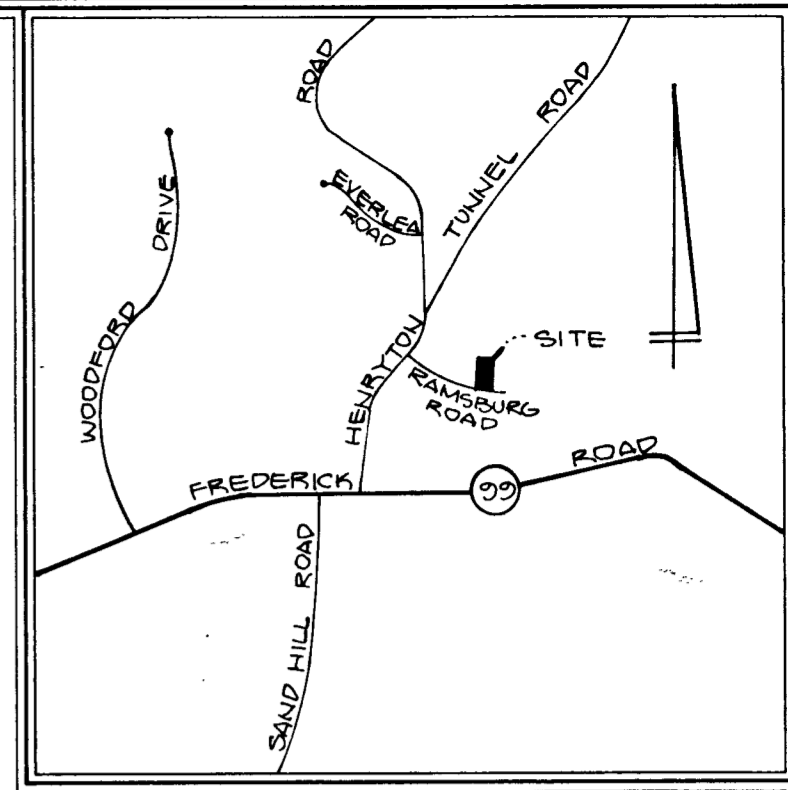
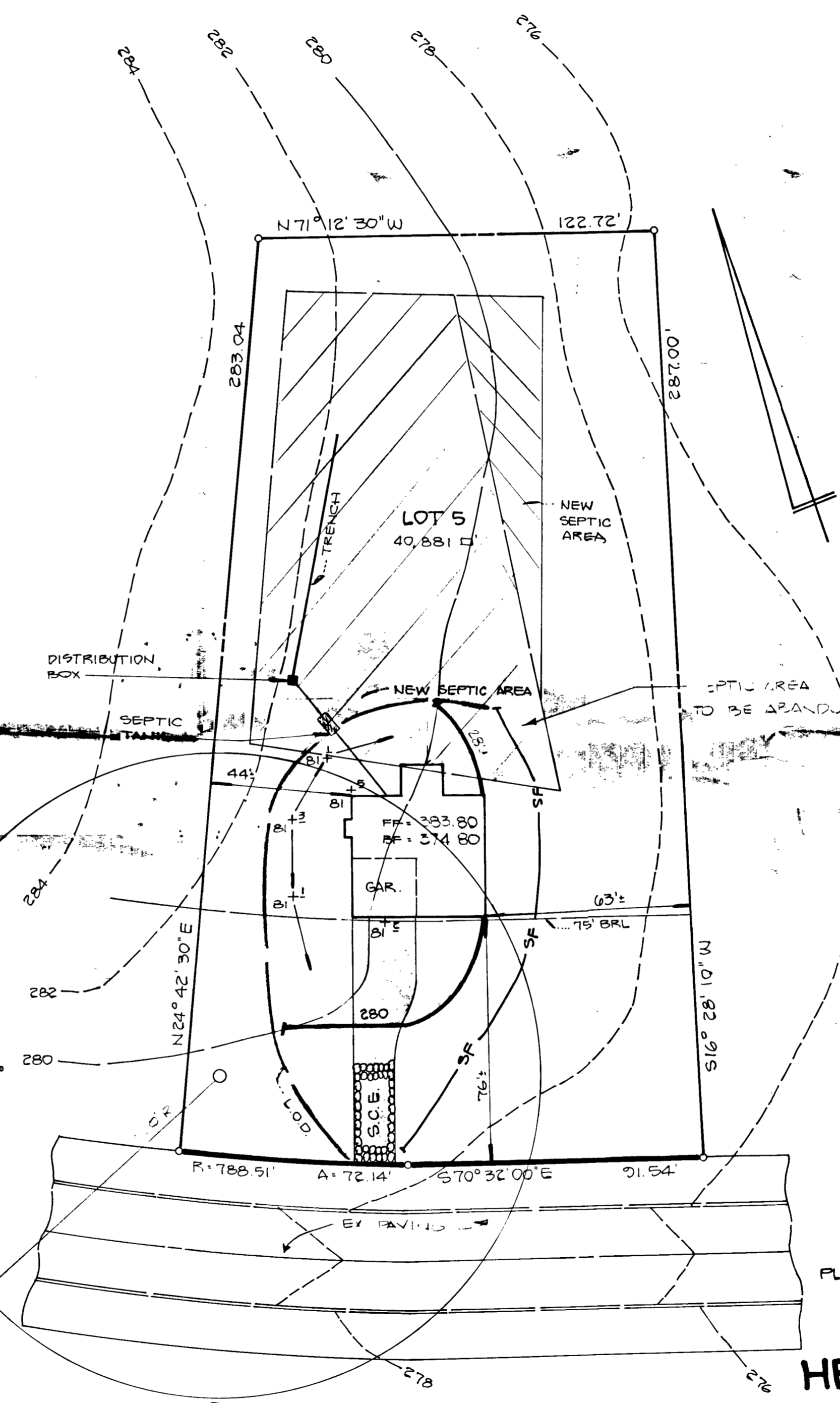
FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWNVECH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.



- 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 1/2" 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: 50 lbs/in (min.) Test: HSMT 509
 - Tensile Modulus: 20 lbs/in (min.) Test: HSMT 509
 - Flow Rate @ 100' water head: 0.3 gal./sq. ft./minute (max.) Test: HSMT 322
 - Filtering Efficiency: 75% (min.) Test: HSMT 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.

SILT FENCE

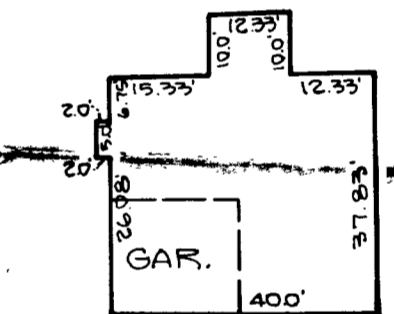
NOT TO SCALE



VICINITY MAP
SCALE: 1"=200'

GENERAL NOTES

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT
- PROPOSED 1500 GALLON SEPTIC TANK
- A. FIRST FLOOR ELEVATION: 274.80
B. BASEMENT ELEVATION: 274.80
C. INVERT OF SEPTIC SYSTEM AT HOUSE: 278.40
D. INVERT IN AT SEPTIC TANK: 277.24
E. INVERT OUT AT SEPTIC TANK: 277.64
F. PROPOSED GRADE OVER SEPTIC TANK: 281.30
G. INVERT AT DISTRIBUTION BOX: 277.25
H. EXISTING GROUND OVER DISTRIBUTION BOX: 281.80
- LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
- CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
- THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.



PROPOSED RESIDENCE

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT

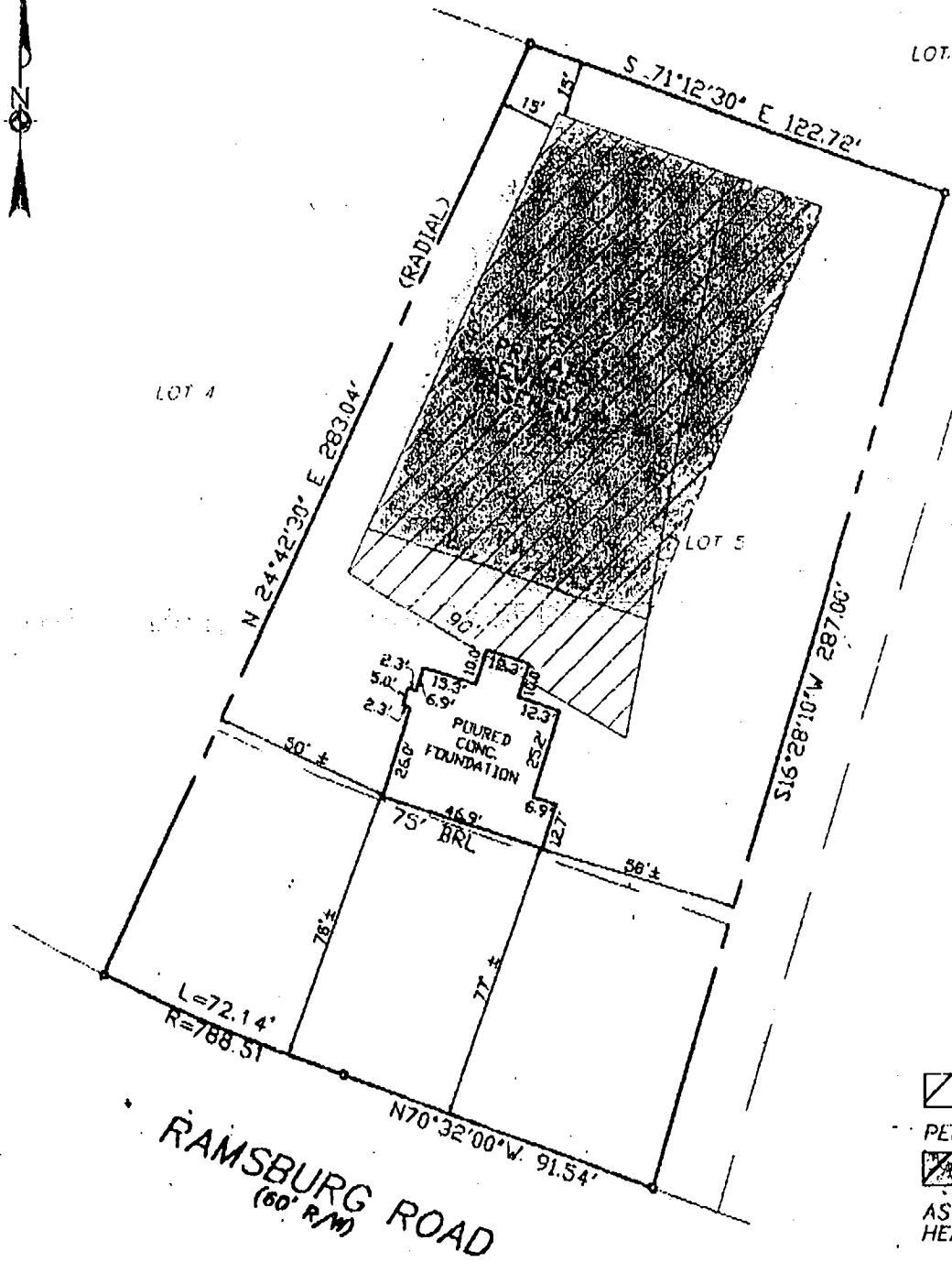
LOT 5
HENRYTON HEIGHTS
SECTION 1

TAX MAP: 10
THIRD ELECTION DIST.
SCALE: 1"=30'
PARCEL 263
HOWARD COUNTY, MARYLAND
DATE: APRIL, 1998

GP-98-183

GENERAL NOTES:

- 1) THIS PLAT IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINE, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE "C" ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400440009B, EFFECTIVE DATE: DEC. 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 0.5' PLUS OR MINUS (±).



10/19/98
House location
consistent
w/ approved
BP plan.

(Signature)

E.L. RAMSBURG & WIFE
397/382

PERC FIELDS AS PER PLAT 31/22
 REVISED PERC FIELDS AS PER HOWARD COUNTY HEALTH DEPARTMENT

LOT 5
HENRYTON HEIGHTS
SECTION ONE
3rd ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
R.B. 31 F. 22

FOUNDATION APPEARS TO ENCRoACH INTO THE PERC AREA.
11858 RAMSBURG ROAD
BRL=BUILDING RESTRICTION LINE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENAL SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 451-2055



Mark L. Robel 9/8/98
PROFESSIONAL LAND SURVEYOR DATE
REG. # 339

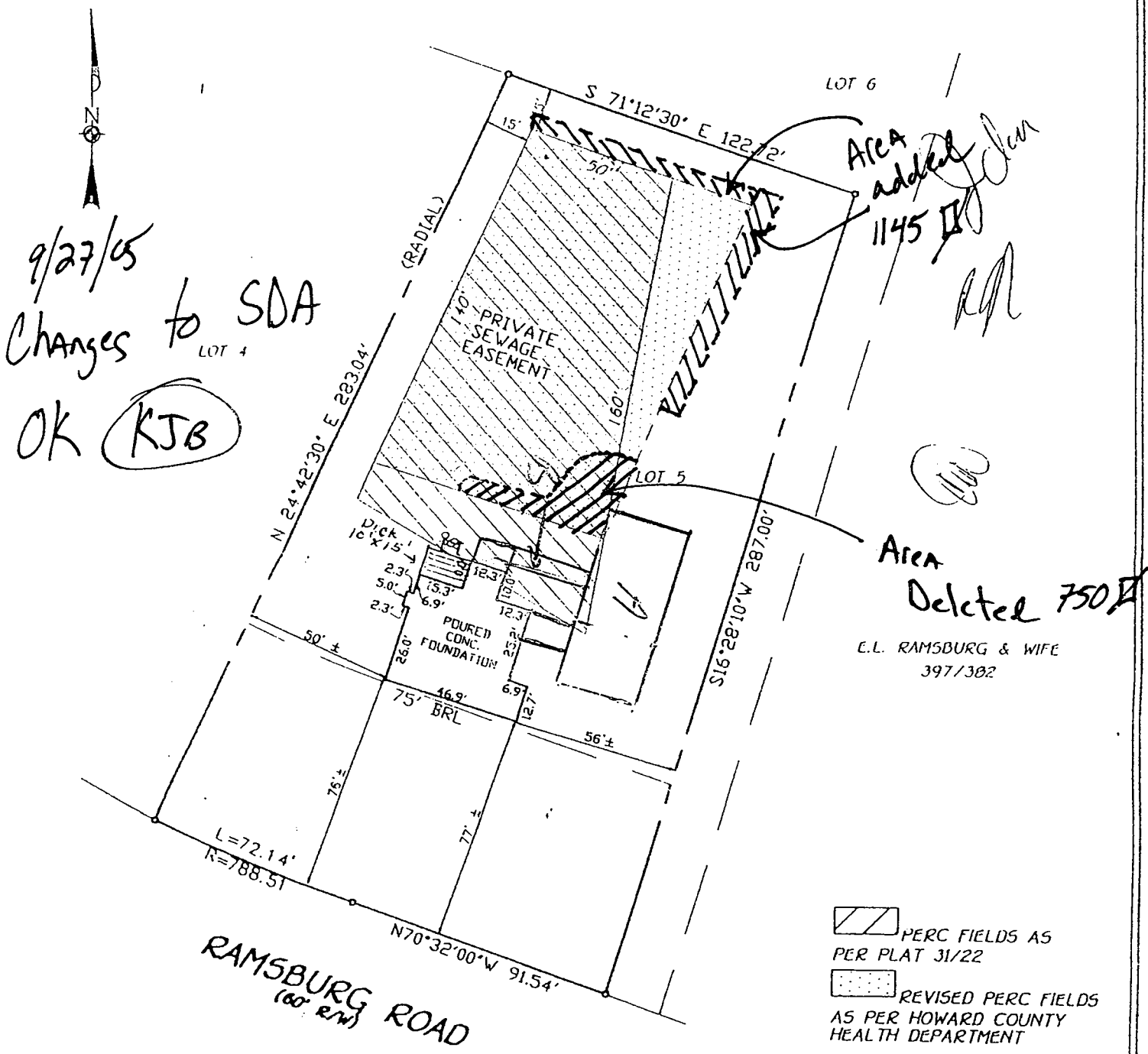
HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 9/3/98
FINAL LOCATION:
BOUNDARY SURVEY:

SCALE: 1"=50'
DATE: 9/8/98
DRAWN BY: I.P.F.
CHECKED BY: M.R.L.
PROJECT No. 61244

GENERAL NOTES:

- 1) THIS PLAT IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINE, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR RE-FINANCING.
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- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 0.5' PLUS OR MINUS (±).



TOP OF FOUNDATION ELEV.=202.7'
 FOUNDATION APPEARS TO ENCROACH INTO THE PERC AREA.
 * 11858 RAMSBURG ROAD
 9RL-BUILDING RESTRICTION LINE

LOT 5
 HENRYTON HEIGHTS
 SECTION ONE
 3rd ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 P.B. 31 F. 22