

04-352785

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Need:
pumps
checked
etc
2/24 C.H.D.

2/24 P.C.O.

P 50501
A 46835

DISTRICT 4th

DATE 2/1/95

DATE SYSTEM APPROVED 1/26/95

INSPECTOR CHS

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
XX440033 313-2640

INDEXED

Grant Construction Co IS PERMITTED TO INSTALL X ALTER

ADDRESS 8902-B Links Bridge Road PHONE 1-301-898-3366

SUBDIVISION Hipsley Property LOT 2 ROAD 1894 Woodbine Road

PROPERTY OWNER Kevin & Cindy Fitzpatrick

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

INSTALL: 1 1000 gallon pump chamber with single or dual pump(s) and controls and alarm. Contractor to supply pump detail prior to issuance of septic permit.

NUMBER OF BEDROOMS 4

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 320 ✓

TRENCHES - Trench to be 3 feet wide. Inlet 5½ feet below original grade. Bottom maximum depth 7½ feet below original grade. Effective area begins at 5½ feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting from the intersection of the 393.28' and the 480.97' lot lines, start the first trench 335 feet down the 480.97' lot line and 180 feet off this same lot line. Run trenches on contour to right side of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OKMR 12/19/94

PLANS APPROVED BY Mark Rifkin DATE 12/05/94

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

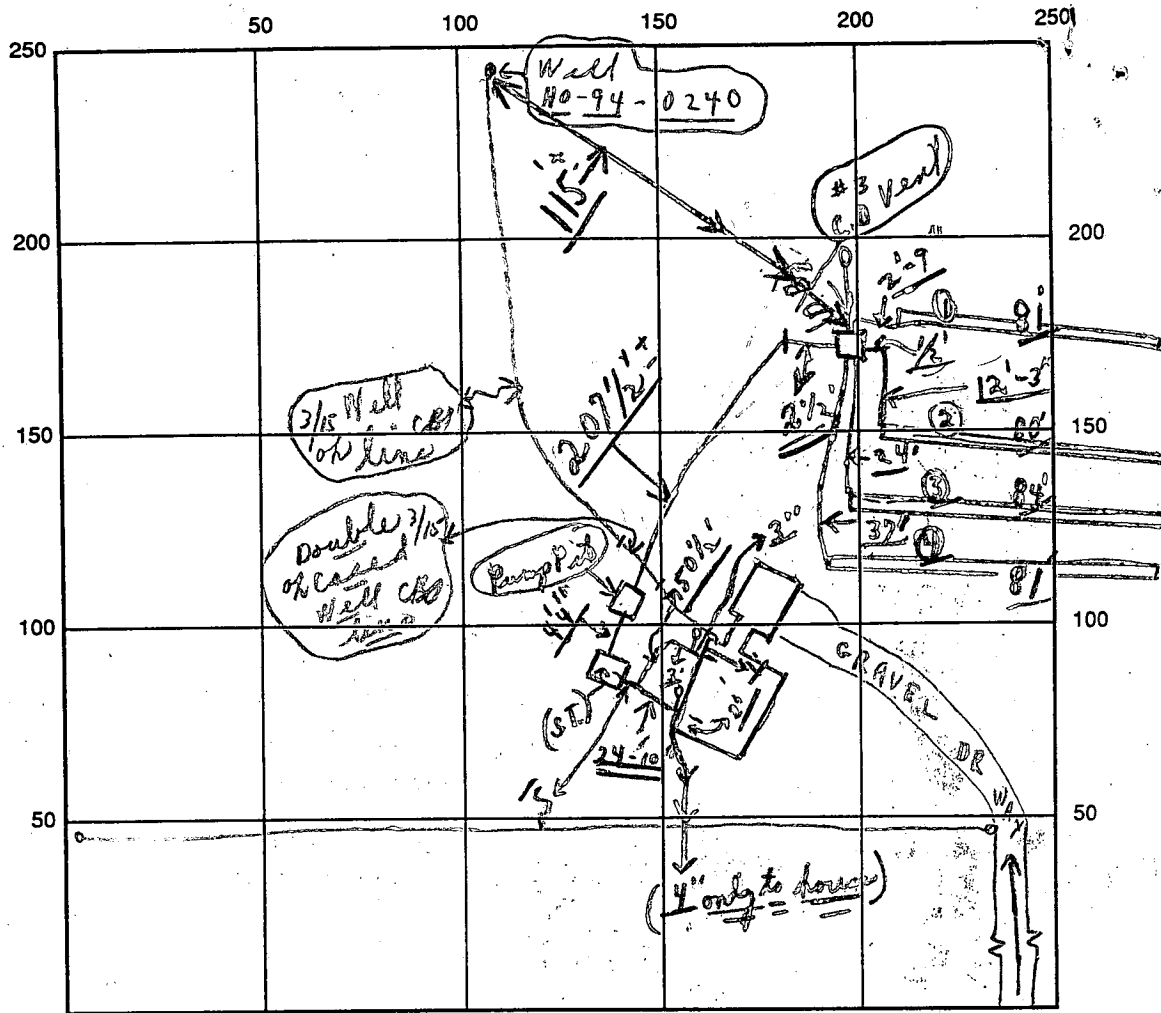
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

Pole barn
BLDG. PERMIT SIGNED
AND RETURNED 9-6-95
Serial # 61481

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

9-46835



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK / Pump pit OR CLEANOUTS OK S.T. / Part C.O. Vent OK Carbon

DISTRIBUTION BOX LEVEL OK (Baffles in) Large manholes OK Near S.T. OK Near OK C.O. Vent #3 OK

DRAIN FIELD/TITLE DEPTH 7 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 5 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 326 FT. # 0 81; 0 80; 0 84; 0 81

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 928 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 978 SQ. FT.

REMARKS: 2/24/95 A.M. Partial, need pumps, etc., checked before
final; CBS 2/24/95 Need to pump pit + dist box area at
time of test; CBS 2/24/95 OK TO COVER ALL WORK - EXCEPT
ABOVE; NO ELECTRIC TODAY!! CBS "HOLD FOR A CALL"

Note 3/15/95 No one seen in A.M. at site, CBS 3/26/95 OK Pump controls;
2/24 No W.P.I. CBS 3/15/95 W.P.I. (Final) Final OK Pump pit + dist box area
checked; CBS

DATE SYSTEM APPROVED 4/26/95 INSPECTOR Charles Bryan Steadman

APPLICATION

PERCOLATION TESTING

A 46835
P _____

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

DISTRICT Fourth
DATE 2/25/91

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.

Kevin & Cindy Fitzpatrick

PROPERTY OWNER ~~Daisy Belle Good, Mary Jane Eidenger, Ethel Mae Eckels, (HHR)~~
107 W. Church St. 1898 Rt 94. Rd 2 Box 359
ADDRESS Mt. Airy, Md 21797 Woodbine Md 21797 New Freedom, Pa. 17349 PHONE 840-5893
1-301-829-0187

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Hipsley Property - Gregg Property LOT NO. 2

ROAD AND DESCRIPTION 1898 Rt. 94, Woodbine Md, 21797. Property is located on Maryland 94, south
(1894 Woodbine Road)
of Maryland Route 144 in the Fourth District of Howard County, Md.

TAX MAP 7 PARCEL # 130

BLDG. PERMIT SIGNED *Pole base*
AND RETURNED 9-6-95
Serial # 61481

SIZE OF LOT 3.8091 Acrea TYPE BLDG. Single Family Dwelling
(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. *Doray Belle Good*
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING *3/28 for house site, well site, etc.*

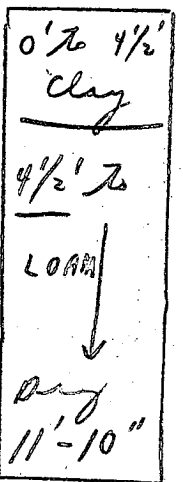
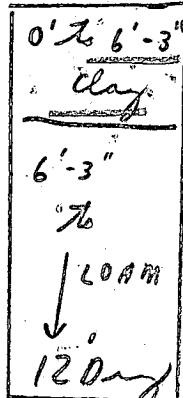
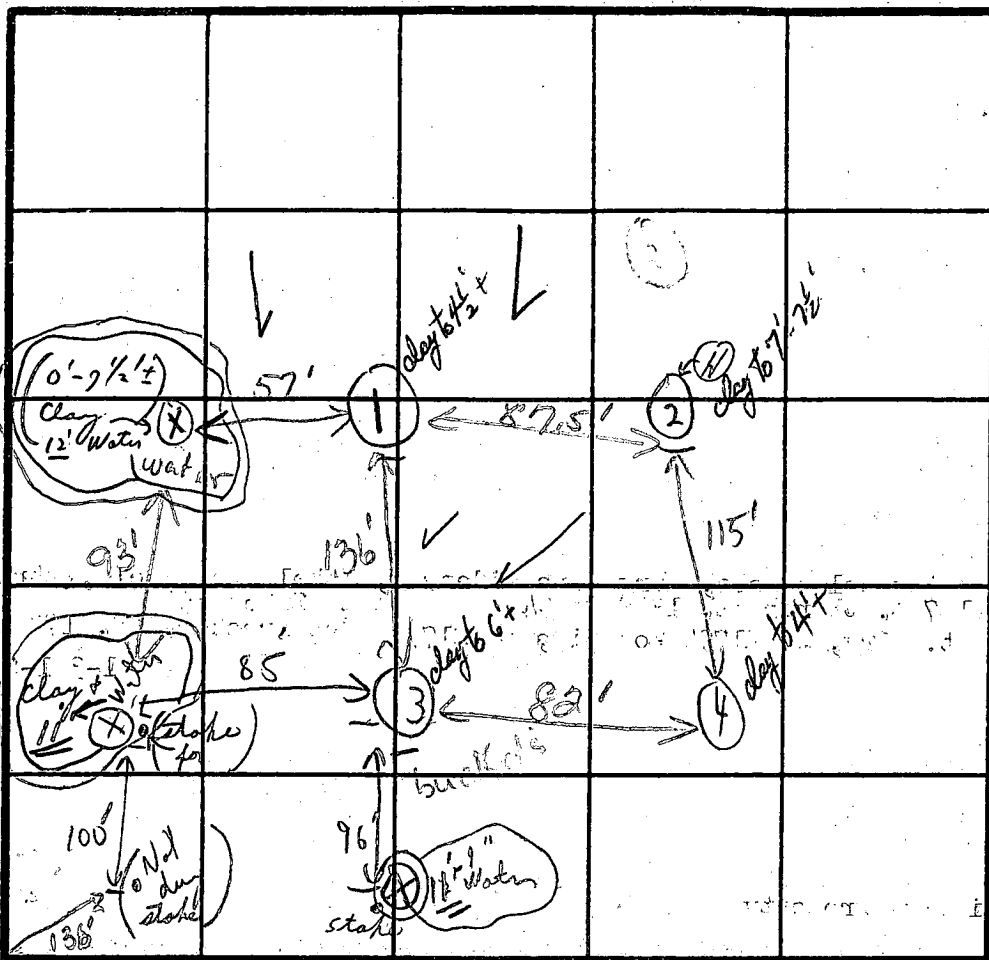
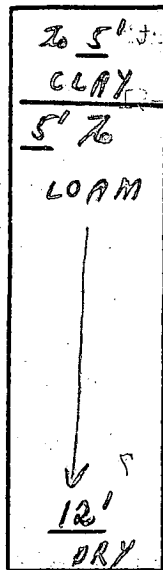
BLDG. PERMIT SIGNED
AND RETURNED 12/9/94
Serial # 57414
SFD-4Bm

C-80

THIS IS NOT A PERMIT

HD-216

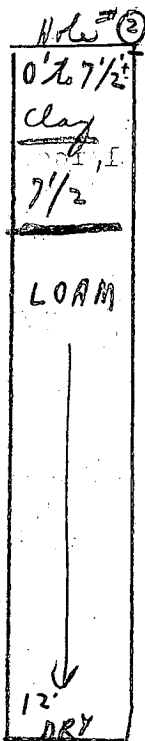
Lot 2
Hole 1
SOIL PROFILE



INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE

8294

X=16



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/28/91	1	5'	12:03	12:09	12:09	12:21	12
	1	12' top	0' to 1' to	Bottom	Clay to 3' to	sandy loam	5% shale
	X 2	4' 4" 12' point	12:04	12:34	Did not move to bottom	of peg X	
	2	4' 2" 12' point	12:05	12:12	12:12	12:23	11
	4	11' 10"	0' to	Bottom tip	Clay to 3'	sandy loam	5% shale
	3	5'	12:07	12:37	Did not move	pass first peg	X
	3a	12'	0' to	Bottom	Clay to about 6'		
	3b	6' 3"	12:52	1:03	1:03	1:29	16
	2b	8'	12:56	1:02	1:02	1:17	15

REMARKS Recommend { 3' Wide Trenches } { 5' to 7' } { stones }
240 sq ft / B.R. under 5'

TYPE OF SOIL
TESTED BY C.B. + D.B./c.B. ALSO PRESENT Mr. Shirk + two sons

C1 4594

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A 46835

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 grid: 110994

DEPTH OF WELL grid: 320

PERMIT NO. grid: H0-94-0240

OWNER FITZPATRICK, C. last name FLORENCE ROAD first name TOWN LISBON SUBDIVISION HIPSLEY PROP. SECTION LOT 2

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes handwritten entries: OVERBURDEN, slate, 0-70, 70-320.

GROUTING RECORD form: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT, BENTONITE CLAY, NO. OF BAGS 24, NO. OF POUNDS 2400.

PUMPING TEST form: C3, HOURS PUMPED 4, PUMPING RATE 12, METHOD USED: Bucket, WATER LEVEL 27, WHEN PUMPING 30, TYPE OF PUMP USED: submersible.

GASING RECORD form: casing types insert appropriate code below. Codes: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER).

MAIN CASING TYPE form: Nominal diameter top (main) casing (nearest inch) 6, Total depth of main casing (nearest foot) 97.

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

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

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. 140-260 & 90-136m. WELL HYDROFRACTURED (Y).

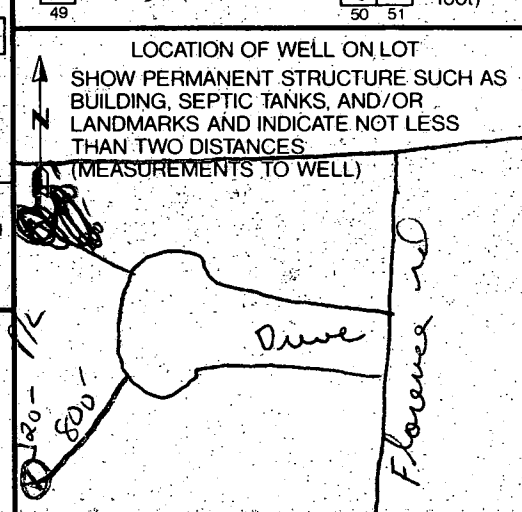
DEPTH (nearest ft.) grid: 94, 320. E.A.C.H. S.C.R.E.E.N. grid: H0, 94, 320. SLOT SIZE 1, 2, 3. DIAMETER OF SCREEN (NEAREST INCH) grid.

PUMP INSTALLED form: DRILLER WILL INSTALL PUMP YES (C), IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE. TYPE OF PUMP INSTALLED: S (submersible). CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (circle appropriate box and enter casing height) 48 above, LAND SURFACE 3 (nearest foot).

CIRCLE APPROPRIATE LETTER: A (WELL WAS ABANDONED AND SEALED), 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. DRILLERS IDENT. NO. 095, Austin Lowe, DRILLERS SIGNATURE, 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 (TELESCOPE CASING), LOG INDICATOR, W-Q (OTHER DATA).



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

Final
3/15/95
CB

3/15/95 M

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION
LINE

New Installation
Replacement

Receipt # -0-
Date 2/3/95

Name of Installer Frederick Plumbing & Heating Telephone 301-663-4175

License Number 8109
Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner Grant Construction Telephone 301-898-3366
Subdivision Hopslet Lot # 2 Well Tag # HO-94-0290
Site Address 1894 Woodbine Rd

3/15/95
CB

Pump

- Type
a. Deep well jet
b. Shallow well jet
c. Submersible
- Make Gowkes
- Model # 7EH07422
- Capacity 7 GPM
- Pump exceeds well capacity Yes No
- If Yes, is low pressure cutoff switch installed? Yes No
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other

Motor

- Horsepower 3/4
- RPM 10
- Voltage
a. 110
b. 220

Pitless Adapter

- Make Martinson
- Model # B10X
- Depth 200

Tank

- Capacity 160
- Pressure relief valve? YES

Piping

- Type PVC
- Size 1"
- NSF and/or BOCA Code approved YES
- Depth of supply line 42"

Well data

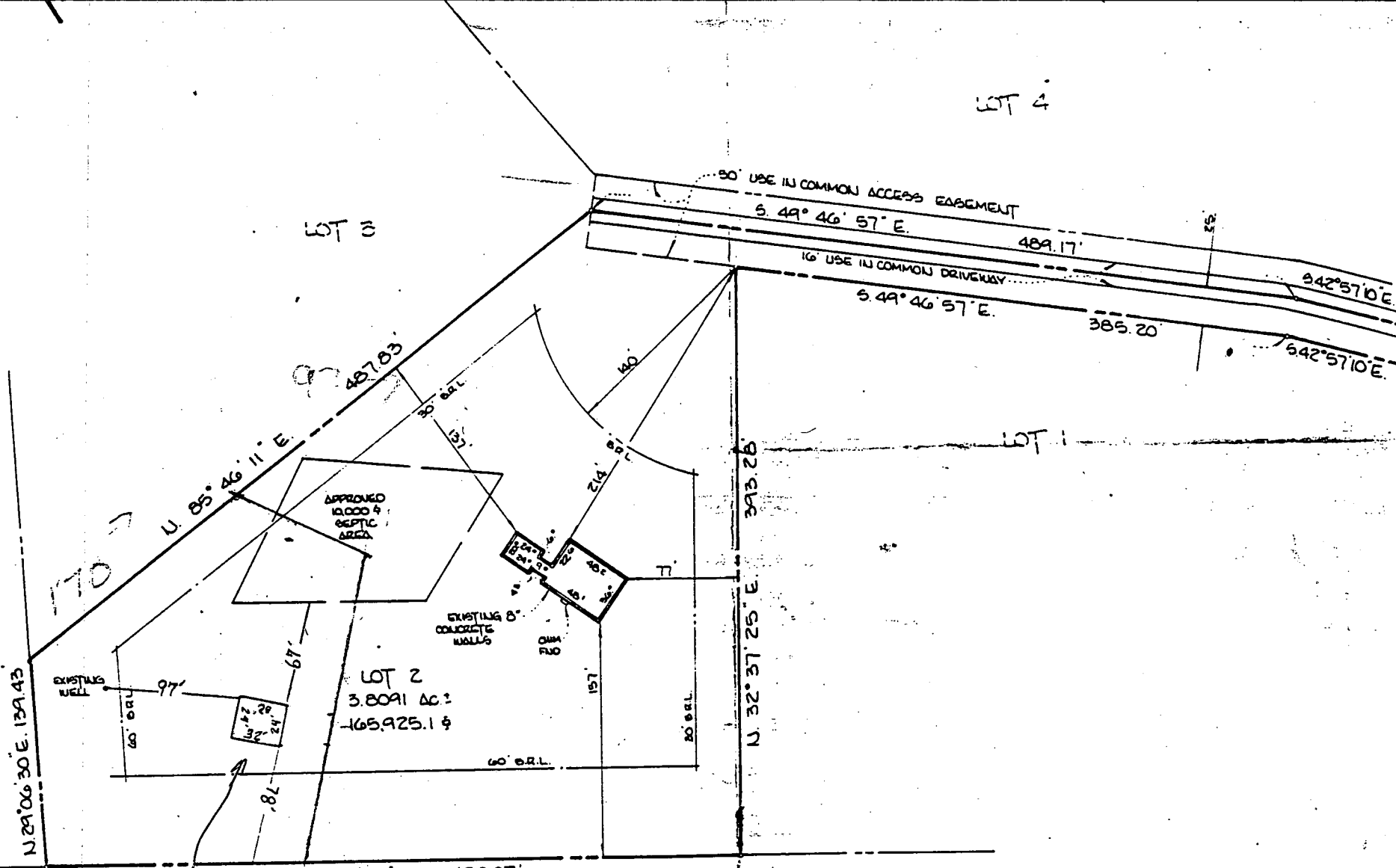
- Depth ft.
- Yield GPM
- Static water level ft.
- Will water supply be disinfected by installer? YES

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: James E. Gref
Date: 2/11/95

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



9-6-95 NO EXPECTED IMPACTS TO WELL OR SEPTIC *John J. Santarini*

109
613
170.3

<p>NOTES:</p>	<p>Symbols:</p>	<p>Minimum Building Restriction Lines</p>
<p>PLAT REFERENCE: PLAT N^o 10041</p>		<p>Front: Rear:</p>

EX. GROUND AT SEPT.
 12' L.F. TO PUMP
 INVERT IN- PUMP CHA
 PUMP CHAMBER TO C
 INVERT IN- DISTRIBU
 INVERT OUT- DISTRIBU
 EX. GROUND AT DISTRIB
 EX. GROUND AT BEGIL
 INVERT ELEVATION AT =
 EX. GROUND AT END OF
 EX. GROUND ELEVATIC.

PROPOSED 1'
 BASEMENT
 FIRST F
 GARAGE

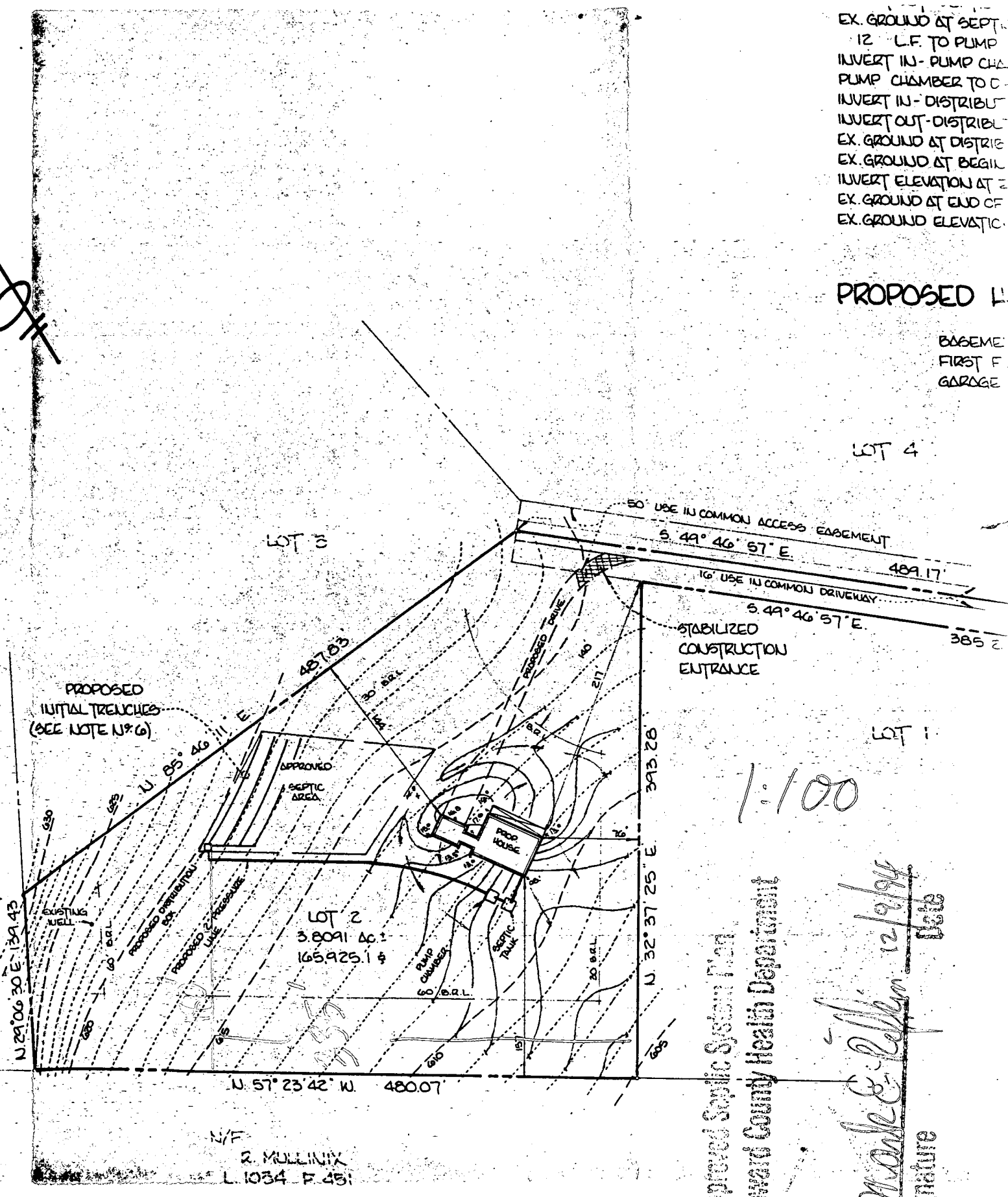
LOT 4

LOT 1

1:100

Approved Sepsic System Plan
 Howard County Health Department

Mark E. Cullen 12/9/94
 Signature Date



N/F
 R. MULLINIX
 L. 1034 P. 481

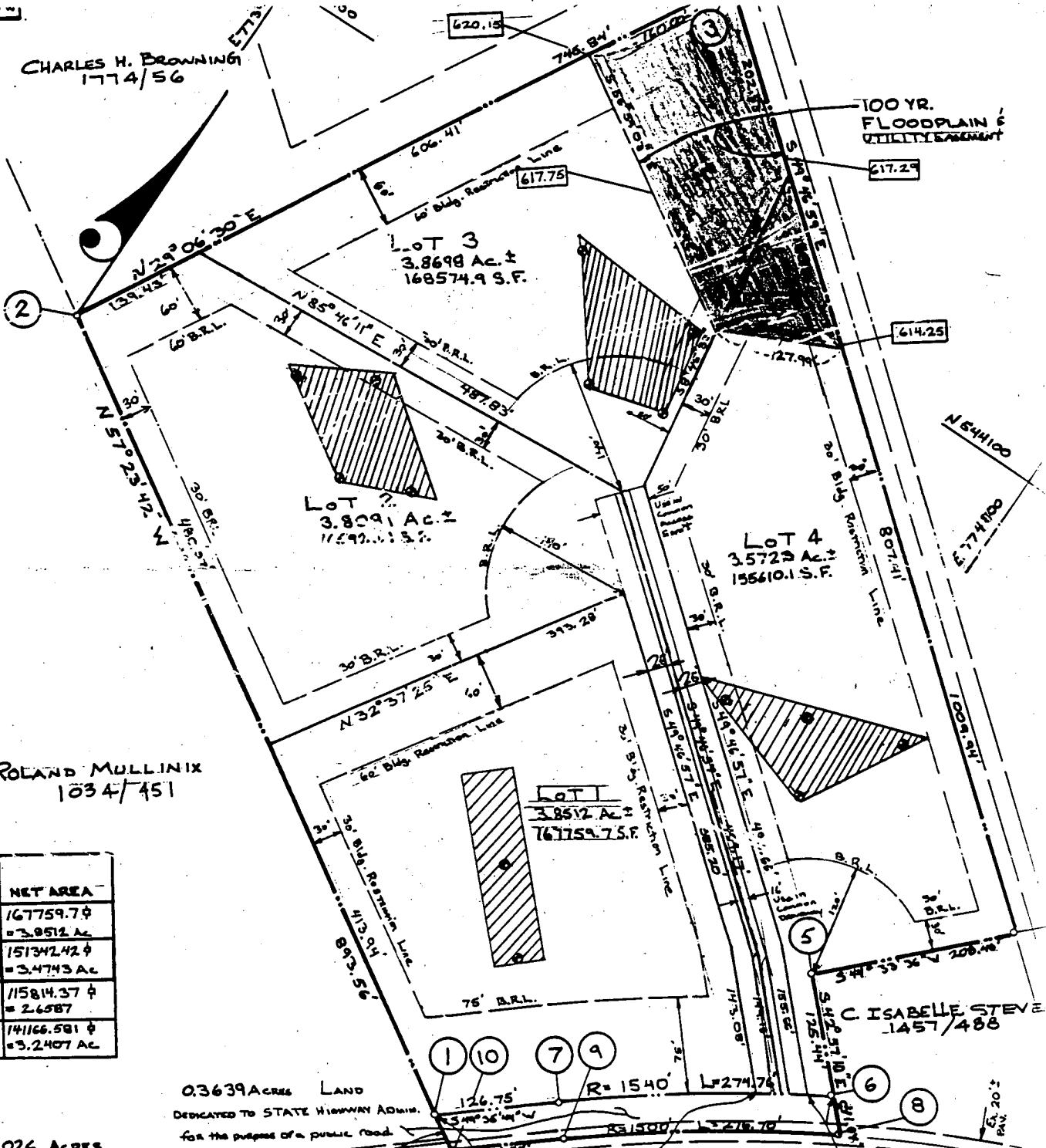
REDUCED COPY F 91-143 HIPSLEY SUBDIVISION

SIGNED 7/16/91

IDENTICAL DETAIL TO PEAC CERT PLAT SIGNED 5/24/91

30.742 | 276.303 | 331.22 | 10 W

CHARLES H. BROWNING
1774/56



ROLAND MULLINIX
1034/451

C ISABELLE STEVE
1457/488

S #
AST
66.0200
173.2891
76.1031
47.297
1012314
86.5074
62.3889
911.4493
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01.2060

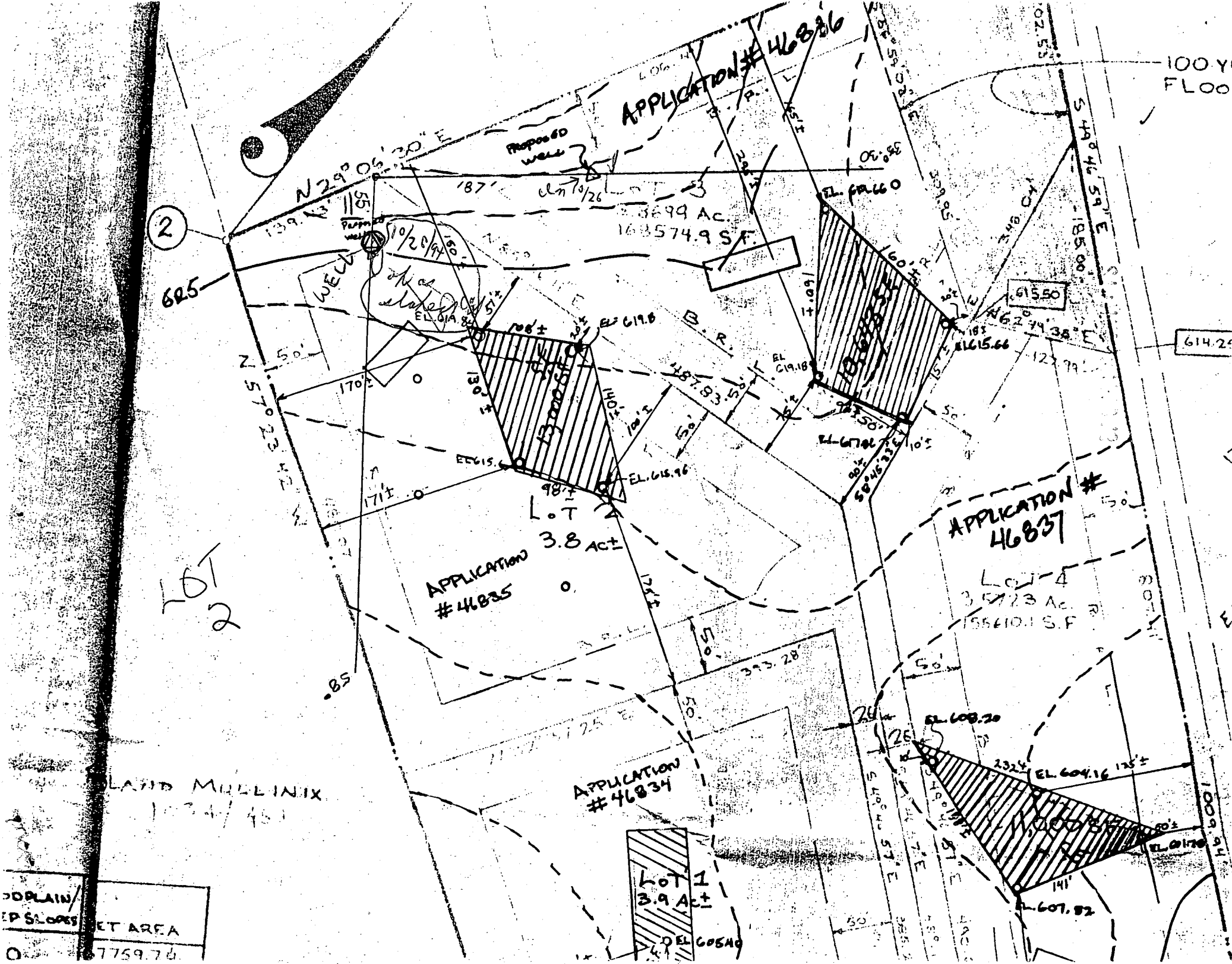
GRID SYSTEM,
STATIONS

MIN. AREA	FLOODPLAIN/ STEEP SLOPES	NET AREA
167759.7 φ = 3.8512 Ac.	○	167759.7 φ = 3.8512 Ac.
151342.42 φ = 3.4743 Ac.	○	151342.42 φ = 3.4743 Ac.
152516.65 φ = 3.5013	36702.28 φ = 0.8426 Ac.	115814.37 φ = 2.6587
152095.351 φ = 3.4916	10928.77 φ = 0.2509 Ac.	14166.581 φ = 0.32407 Ac.

0.3639 ACRES LAND
DEDICATED TO STATE HIGHWAY ADMIN.
for the purpose of a public road.

ELS to be recorded..... 4
FIS 15 1026 ACRES

6x20
PAY

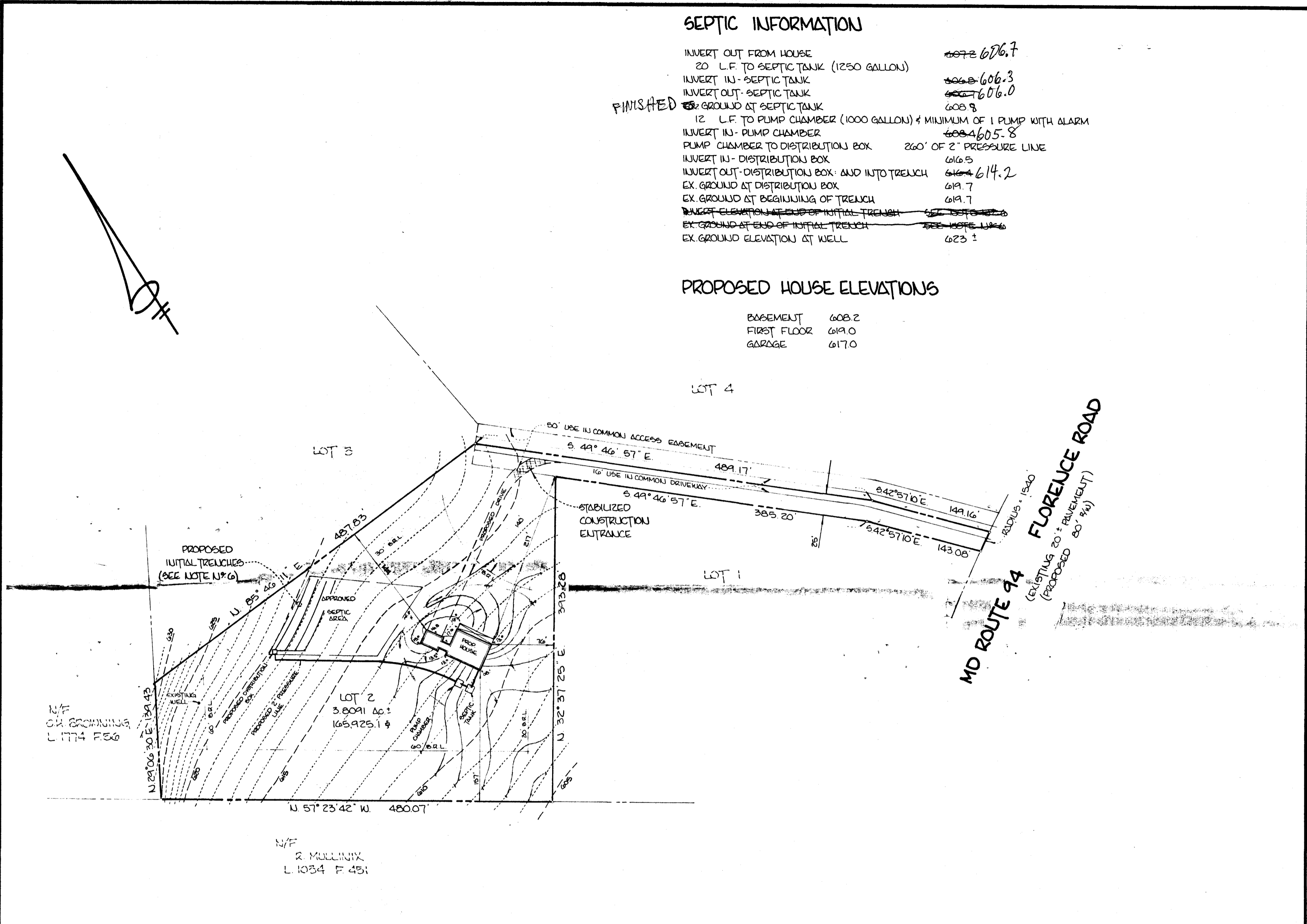


SEPTIC INFORMATION

INVERT OUT FROM HOUSE	607.2	606.7
20 L.F. TO SEPTIC TANK (1250 GALLON)		
INVERT IN - SEPTIC TANK	606.3	
INVERT OUT - SEPTIC TANK	606.0	
FINISHED EX. GROUND AT SEPTIC TANK	608.9	
12 L.F. TO PUMP CHAMBER (1000 GALLON) + MINIMUM OF 1 PUMP WITH ALARM		
INVERT IN - PUMP CHAMBER	605.8	
PUMP CHAMBER TO DISTRIBUTION BOX 260' OF 2" PRESSURE LINE		
INVERT IN - DISTRIBUTION BOX	606.5	
INVERT OUT - DISTRIBUTION BOX AND INTO TRENCH	614.2	
EX. GROUND AT DISTRIBUTION BOX	619.7	
EX. GROUND AT BEGINNING OF TRENCH	619.7	
INVERT ELEVATION AT END OF INITIAL TRENCH	619.7	
EX. GROUND AT END OF INITIAL TRENCH	623.1	
EX. GROUND ELEVATION AT WELL	623.1	

PROPOSED HOUSE ELEVATIONS

BASEMENT	608.2
FIRST FLOOR	619.0
GARAGE	617.0



OWNER:
KEVIN AND CINDY FITZPATRICK
1719 OLD MILL ROAD
ROCKVILLE, MD 21850
301-840-5893

BUILDER:
GRANT CONSTRUCTION COMPANY
8902-B LINKS BRIDGE ROAD
THURMONT, MD 21788
301-898-3366

NOTES: 1. TOPOGRAPHY WAS PROVIDED BY THE OWNER.
2. CONTOUR INTERVAL = 1 FOOT
3. PLAT REFERENCE: PLAT N# 10041
4. THERE MUST BE GRAVITY FLOW OF SEWERAGE FROM THE HOUSE LOCATION TO THE ENTIRE SEPTIC SYSTEM.
5. NO BUILDINGS, EASEMENTS, RIGHTS-OF-WAY, WELLS, OR OTHER PERMANENT OR PHYSICAL OBJECTS (MAN MADE STRUCTURES) ARE ALLOWED IN THE SEPTIC AREA.
6. INITIAL TRENCH LENGTH TO BE DETERMINED AT THE TIME OF SEPTIC PERMIT ISSUANCE. TRENCH DETAILS AS SPECIFIED BY HOWARD COUNTY HEALTH DEPARTMENT.
7. H₂O supply line can be in same trench as sewage line if > 12" higher, to one side, on solid shelf

Symbols:
- - - EXISTING CONTOUR
- - - PROPOSED CONTOUR
- - - PROPOSED SPOT GRADE
- - - DRAINAGE PATTERNS

Minimum Building Restriction Lines
Front: AS SHOWN
Rear: - -
Side: - -

Thomas, Moore & Associates, Inc.
LAND SURVEYORS CONSULTANTS
129-6 WEST PATRICK STREET
FREDERICK, MARYLAND 21701
(301) 698-9788

SITE, GRADING & SEDIMENT CONTROL PLAN

LOT 2
HIPSLEY SUBDIVISION

1894 FLORENCE ROAD
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND DEC. 8 1994

Scale: 1" = 80'
Date: DECEMBER 1994 Job No. 1442