

APPLICATION

PERCOLATION TESTING

A 46643

P _____

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

DISTRICT _____

DATE 11/23/90

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 FRED J. PIPES

ADDRESS 13555 OLD FREDERICK RD PHONE 442-2144

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION PIPES PROPERTY LOT NO. X2 ON F-91-126

ROAD AND DESCRIPTION SOUTHWEST SIDE OF THE INTERSECTION OF
OLD FREDERICK ROAD AND UNDERWOOD ROAD

TAX MAP 9 PARCEL # 98

SIZE OF LOT 3.00 ACRES TYPE BLDG. SINGLE FAMILY
(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. Fred J. Pipes
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING PERC OK - HOLD FOR PLAT MR 12/28/90

THIS IS NOT A PERMIT

1-4
SOIL PROFILE

SOIL PROFILE

4 organ
brn /
sand
toom
159
shale
for 95

lot
6

6

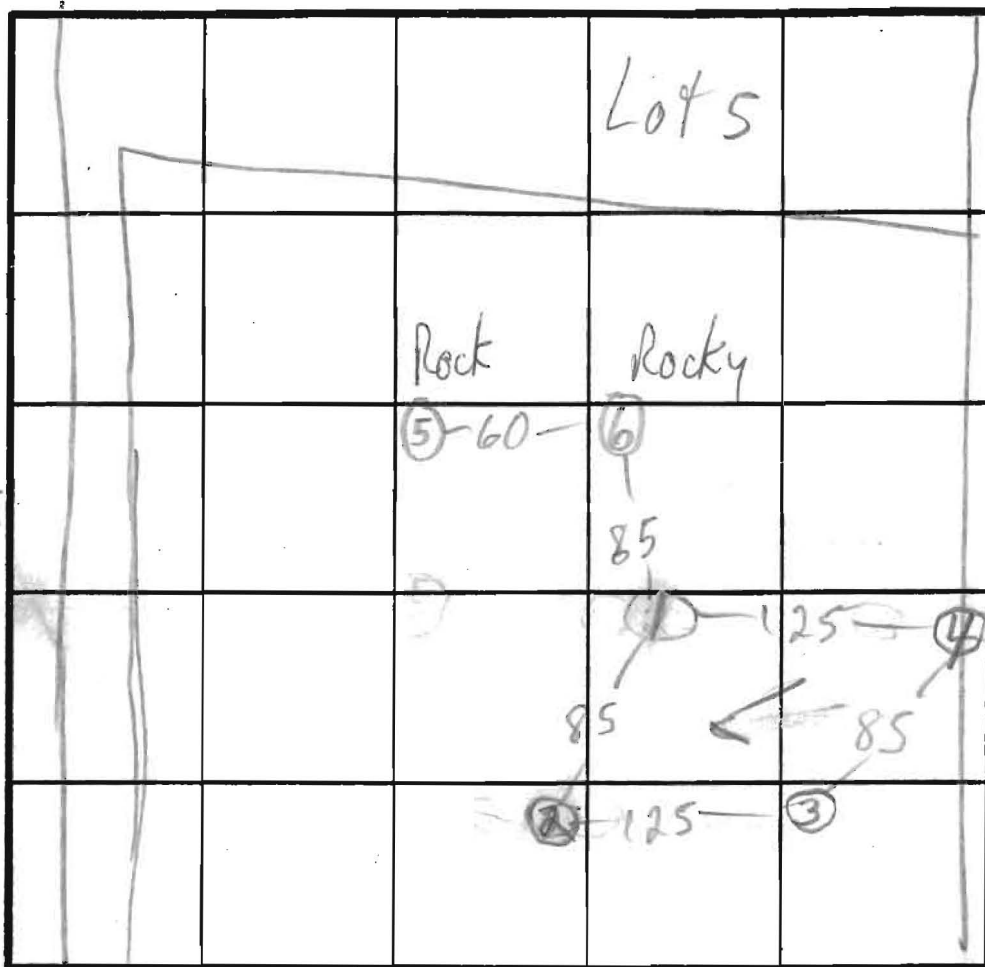
 $4\frac{1}{2}$

or by tan
sand foam

77

Structured
shale
formation
50%+
frags

12



(4) 41

①③ MED

② 40

Lot 3

$$\bar{x} = 3$$

180 ~~7~~ BR

Inlet 4'
Bottom 6'

UNDERWOOD RD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/20/70	1	5	2:38	2:40	2:40	2:43	3
	1 V	12	see profile				
	2	4 1/2	2:41	2:43	2:43	2:46	3
	2 V	12	sim to ① see profile				3 1/2
	3	6 1/2	2:44	2:46	2:46	2:49	3
	3 V	12	sim to ① more brn clay to 5				
	4	5 1/2	3:00	3:02	3:02	3:05	3
	4 V	11 1/2	sim to ① more brn clay to 4 1/2				
	5	4	ROCK - NOT SEEN				FAI
	6	12	ROCK Y. BELOW 7 1/2'				FAI

REMARKS

HOLES ①②⑤⑥ DUG APPROX PER PLAT. HOLES ③④⑦
NOT PER PLAT; USE ①-②-③-④ PER PLAT

TYPE OF SOIL

TESTED BY

M. Riskin

ALSO PRESENT owner, son, son-in-law

COORDINATES

Q.	NORTH	EAST
7	542128.351	805826.359
8	542078.959	805818.586
9	541978.621	805812.917
0	541829.668	805794.536
1	541779.499	805791.703
0	541620.509	805766.682
5	541686.493	805562.058
7	542331.844	805248.250
8	542130.000	805180.000
4	541725.810	805098.897
5	541930.656	805039.290
6	542237.569	805847.297

MINIMUM LOT AREA CALCULATIONS

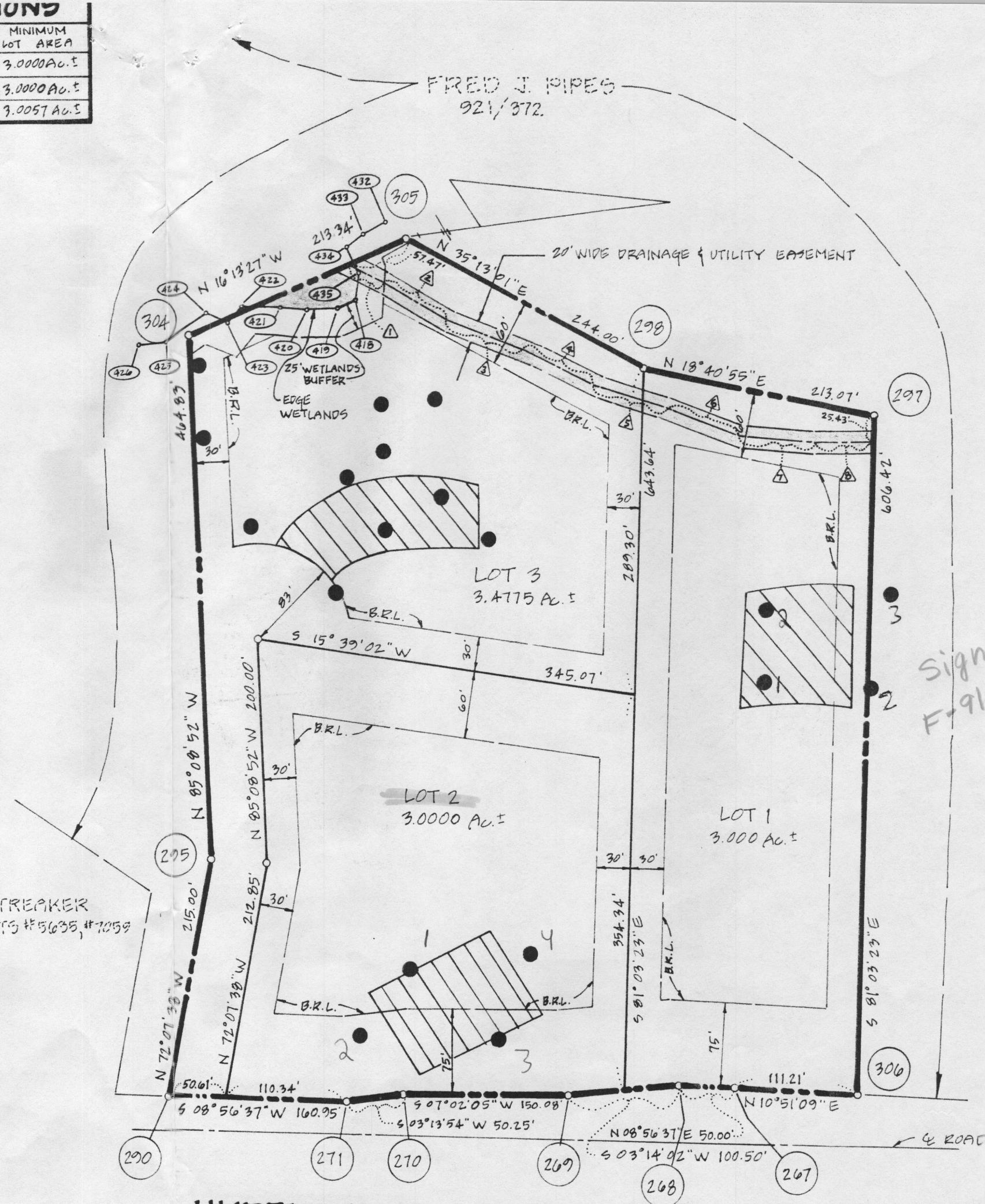
LOT NO.	GROSS LOT AREA	SLOPE/FLOODPLAIN AREA	NET LOT AREA	PIPESTEM AREA	MINIMUM LOT AREA
1	3.0000 Ac.±	φ	3.0000 Ac.±	φ	3.0000 Ac.±
2	3.0000 Ac.±	φ	3.0000 Ac.±	φ	3.0000 Ac.±
3	3.4775 Ac.±	φ	3.4775 Ac.±	0.4718 Ac.±	3.0057 Ac.±

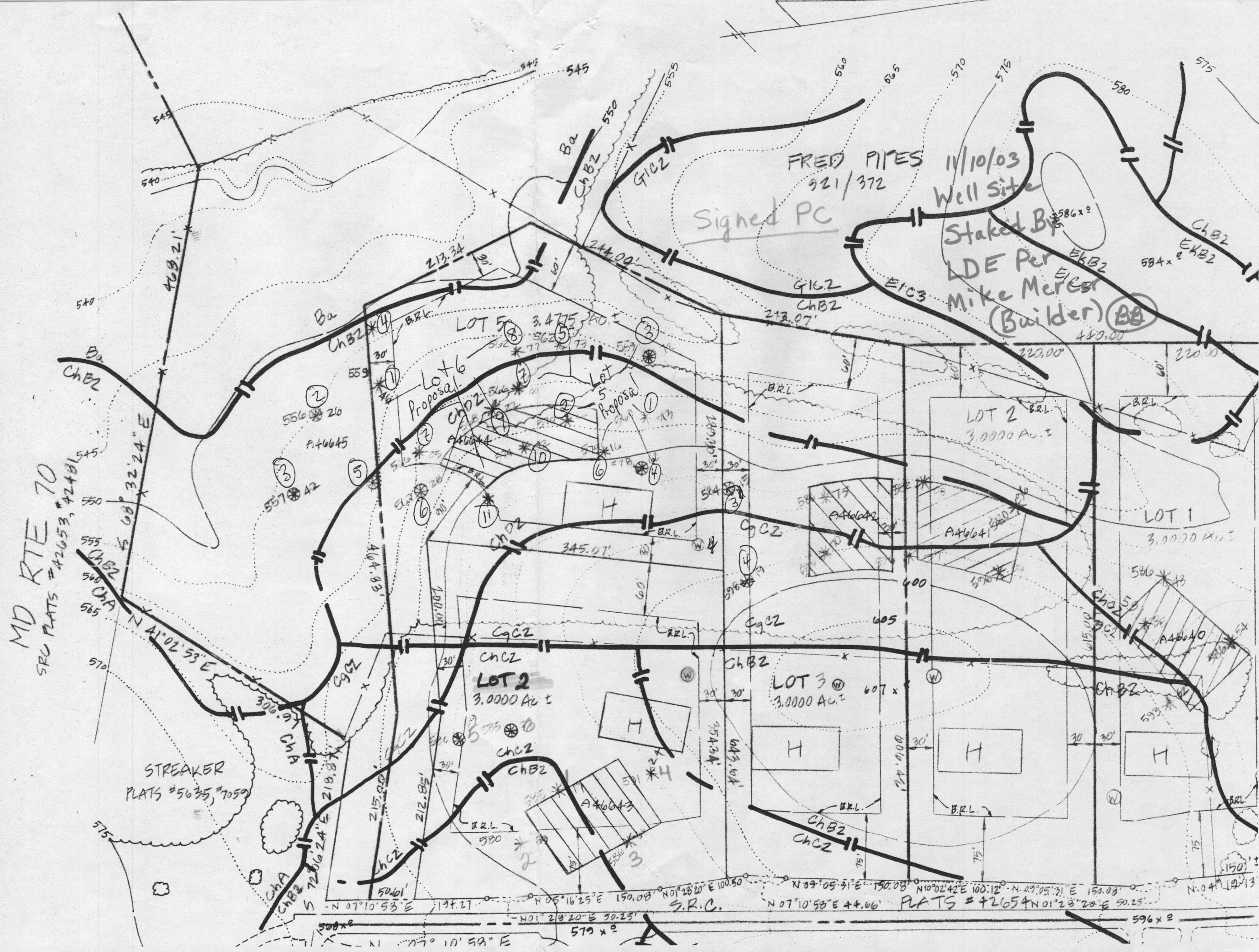
DRAINAGE & UTILITY EASEMENT

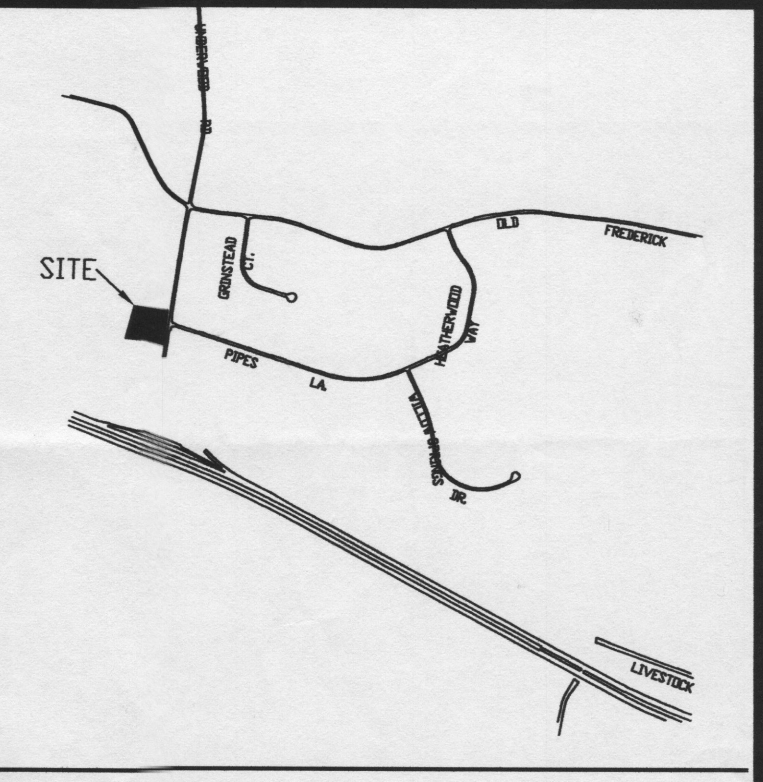
NO.	BEARING AND DISTANCE
1	N 36°06'46" E 39.16'
2	N 36°06'44" E 65.64'
3	N 28°13'32" E 71.35'
4	N 34°02'44" E 71.42'
5	N 23°28'22" E 71.34'
6	N 27°11'22" E 69.64'
7	N 13°28'08" E 66.78'
8	N 7°11'57" E 53.81'

ETLANDS COORDINATES

10.	NORTH	EAST
8	541878.909	805088.122
9	541861.545	805091.024
20	541834.366	805090.762
21	541809.883	805085.365
22	541775.842	805079.674
23	541761.268	805091.031
24	541742.066	805082.625
25	541705.806	805098.437
26	541679.159	805098.572
22	541913.023	805024.301
33	541893.230	805030.639
34	541880.090	805040.583
35	541885.138	805064.519







VICINITY MAP
SCALE: 1"=2000'

SEPTIC SYSTEM DATA

INV. AT HOUSE 592.9

SEPTIC TANK

EX. GRADE 590.5
FIN. GRADE 592.0
INV. IN 589.3
INV. OUT 589.0

DISTRIBUTION BOX

EX. GRADE 590.0
FIN. GRADE 590.0
INV. IN 586.7
INV. OUT 586.5

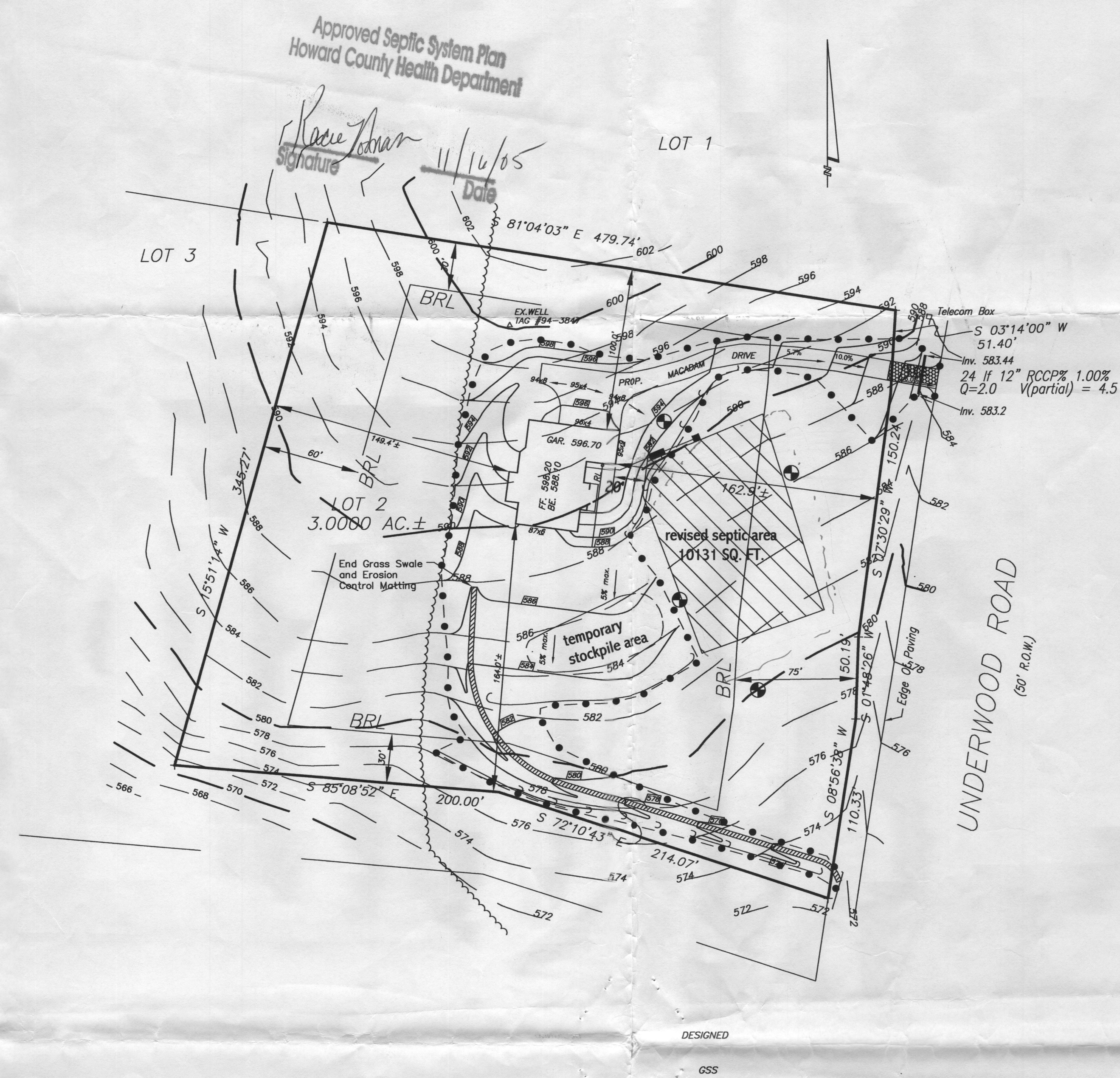
TRENCHES

INLET DEPTH 3.5
BOTTOM DEPTH
WIDTH

NOTE: TRENCH LENGTH AND ORIENTATION TO BE DETERMINED BY HEALTH DEPARTMENT AT TIME OF SEPTIC SYSTEM LAYOUT.

NOTE

AN EJECTOR PUMP IS REQUIRED FOR BASEMENT SEWER SERVICE



LEGEND:

- DESIGNATES LIMITS OF DISTURBANCE
- B.R.L. DESIGNATES BUILDING RESTRICTION LINE
- DESIGNATES SILT FENCE

NOTES:

- THE TOPOGRAPHY SHOWN HEREON WAS FIELD-RUN BY SHANABERGER & LANE IN JUNE OF 2005.
- B.R.L. DESIGNATES BUILDING RESTRICTION LINE DESIGNATES EX. WELL.
- THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS DISPOSAL AREA SHALL BECOME NULL & VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA.
- SUBJECT PROPERTY ZONED: RC
- LIMIT OF DISTURBANCE: 40,527 SQ. FT. ±
- AN EJECTOR PUMP IS REQUIRED FOR BASEMENT SEWER SERVICE.

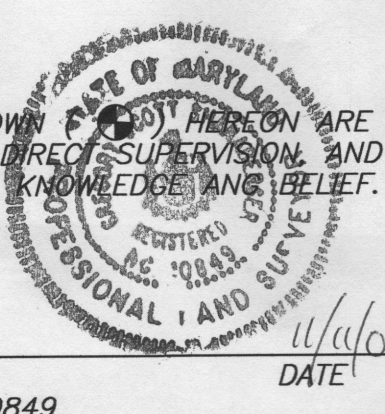
OWNER/DEVELOPER

SOON HWANG
3545 SPLIT RAIL LANE
ELLICOTT CITY, MD. 21042

PERC CERTIFICATION

I CERTIFY THAT THE LOCATIONS SHOWN ON THIS PLAN ARE BASED ON FIELD-LOCATIONS DONE UNDER MY DIRECT SUPERVISION AND ARE CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

G. SCOTT SHANABERGER
PROFESSIONAL LAND SURVEYOR #10849



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

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELLICOTT CITY, MD., 21043
(410)-461-9563

Robert W. Weber
COUNTY HEALTH OFFICER

11/16/05
DATE

BY	NO.	REVISION	DATE

DRAWN	GSS
DATE	7/11/2005
REVISED	8/5/2005 9/12/2005 11/03/2005

SEPTIC AREA REVISION
LOT 2, PIPES PROPERTY
PLAT #10034

TAX MAP 9 GRID 20, PARCEL 341
DEED REFERENCE: 9191/72

THIRD ELECTION DISTRICT HOWARD COUNTY, MD.
SCALE: 1" = 50' rev. NOVEMBER 11, 2005

SCALE
1"=50'
DRAWING
JOB NO.
90-47
FILE NO.
topo9047.fcg

SHEET
1
OF
1

9047septicrevision.dwg
(REVISION)
SIGNED PERC CERT 11/16/05