

APPLICATION

PERCOLATION TESTING

A 42002

P _____

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

DISTRICT 5TH

DATE 3-29-88

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 Peter Horowitz

ADDRESS 7103 Pindell School Rd; Fulton, Md 20759 PHONE (301) 725-8445

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION: Hawk's Perch Lot-3 New Lot-6 Sketch

SUBDIVISION Horowitz Property F-90-164 LOT NO. 6

ROAD AND DESCRIPTION West of Pindell School Rd, South of Loganberry Lane

TAX MAP 41 PARCEL # 204

SIZE OF LOT 3.0 Ac ± 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.

[Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 12-13-88 Full wet season Re-test. SAL - 6 + 7 combined
3 hole need testing - using 5 + 7 of old lot 7, open old #4 to
Re-evaluate. S. Alud

HD-216

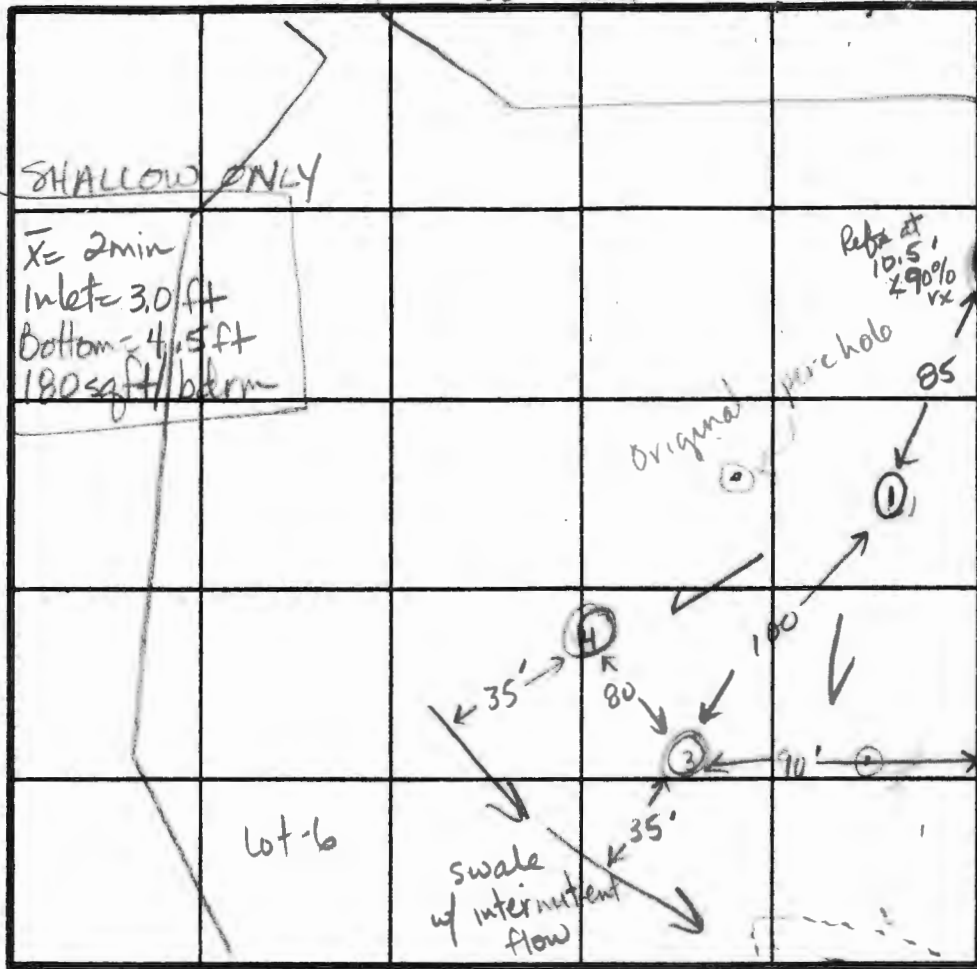
THIS IS NOT A PERMIT

A42002
Lot 6

← To Pundell School Road

SOIL PROFILE

0-3.5 Rd br
si cl lm
3.5-12.0 Br sa si
lm, <10%
saprolite,
<35%
weathered
rock
Bottom
12.0 Yellow Jacket
Nest



9
0-3.0 Br si sa
cl lm
3.0-11.0 Br-Blk
mica
sa si lm
30%
saprolite
Bottom
11.0

3
0-3.0 Br mica
sa si cl lm
3.0-11.0 Br blk
mica sa
si lm, 20%
mottles at 4'
30%
saprolite
11.0 Bottom
Water
at 11.0 ft

4
0-5.5 Rd-br si cl
lm
5.5-11.0 Rd-br
mica sa
si lm,
30%
saprolite
11.0 Bottom
Water
at 10.5 ft

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-5-88	1	5' M					
		12.0 V/D	(see profile)				ok
	3	11.0 V	Mottles at 4.0 ft, water at 11.0'				Failed
	4	11.0 V	Water at 10.5 ft				Failed
	9	11.0 V	Bottom (see profile)				Hold WS

REMARKS: Hole 9 in Lot-7 75' from pond. All holes as shown on plat. Hold for wet season testing.

TYPE OF SOIL _____

TESTED BY VE Nadeau

ALSO PRESENT Mr. Horowitz

APPLICATION

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TELEPHONE: 461-9933

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
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I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Peter Horowitz

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

Final Lot-3

SUBDIVISION Horowitz Property LOT NO. 6

ROAD AND DESCRIPTION west of Pindell School Road

TAX MAP 41 PARCEL # 204

SIZE OF LOT 3.0 ± TYPE BLDG. SFD
(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 _____

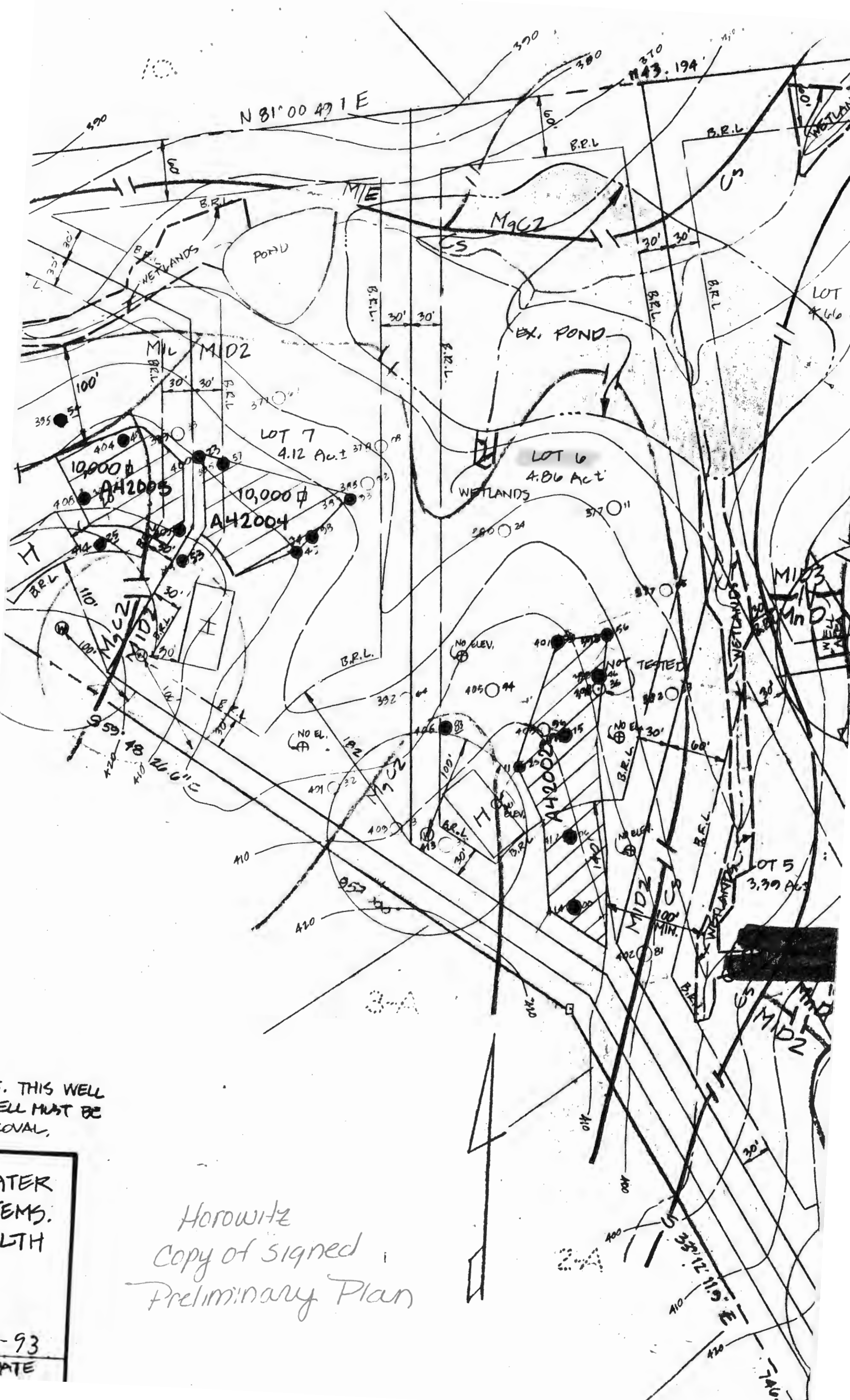
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 3-28-89 wet season retest. May have 10,000 sq ft septic area. Must rearrange lot lines to obtain house & well sites. JEN

HD-216

THIS IS NOT A PERMIT



THIS WELL
MUST BE
APPROVED

WATER
SYSTEMS
HEALTH

Horowitz
Copy of signed
Preliminary Plan

93
DATE

A 42002

SUBDIVISION: Hawk's Perch

LOT NUMBER: 3

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom

Trench to be 3.0 ft wide.

Inlet 2.5 feet below original grade.

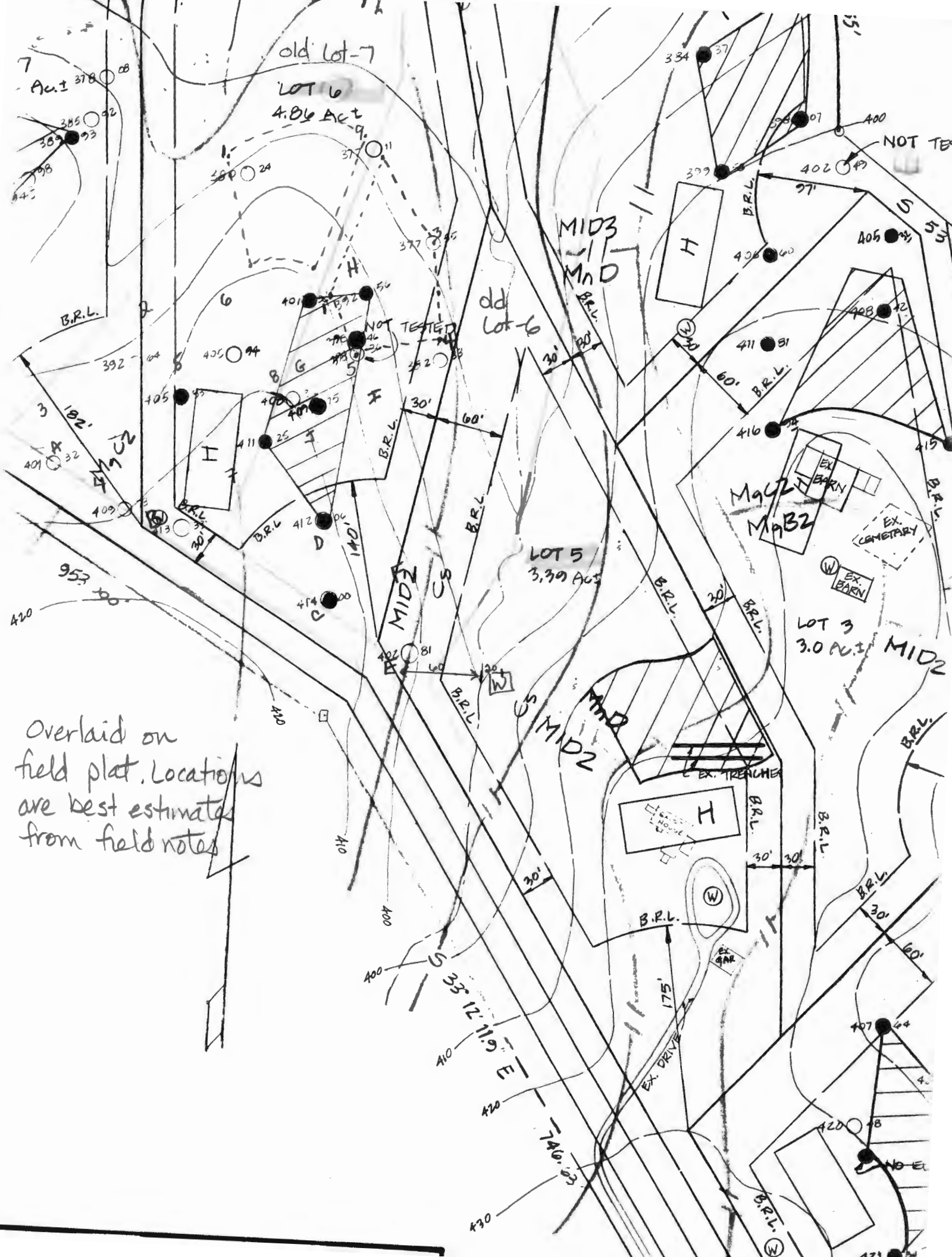
Bottom maximum depth 4.5 feet below original grade.

Effective area begins at 2.5 feet below original grade.

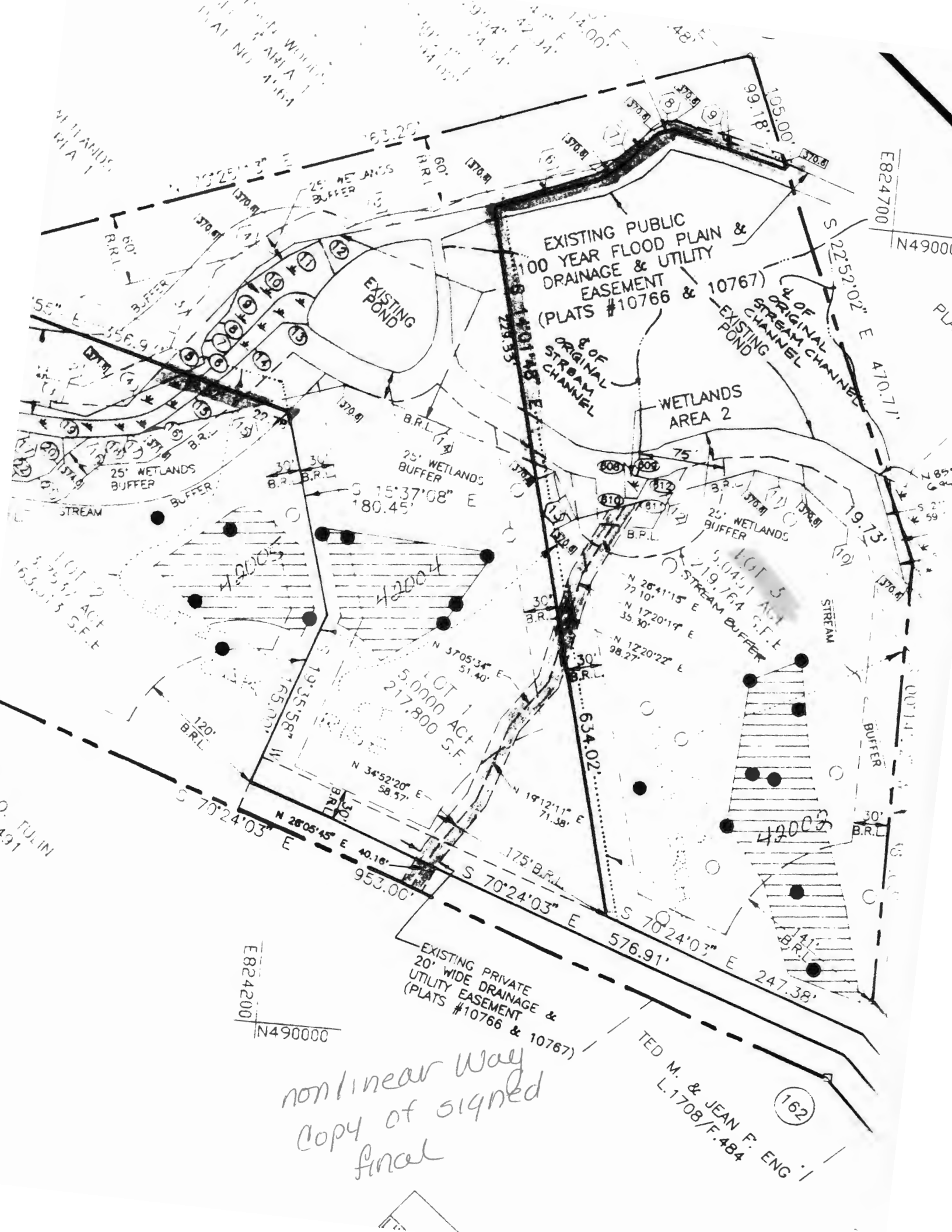
2.0 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: Place the distribution box 85 feet down the left (235.82') lot line and 20 feet off the same lot line as seen when facing the lot from the right-of-way. Run 4 trenches on contour toward the rear (233.19') lot line. Maintain a minimum of 100 feet to the well. 6-10-93 JENadeau



Overlaid on field plot. Locations are best estimates from field notes



EXISTING PUBLIC
100 YEAR FLOOD PLAIN &
DRAINAGE & UTILITY
EASEMENT
(PLATS #10766 & 10767)

EXISTING
POND

WETLANDS
AREA 2

LOT 1
5.0000 ACT
217.800 S.F.

EXISTING PRIVATE
20' WIDE DRAINAGE &
UTILITY EASEMENT
(PLATS #10766 & 10767)

*nonlinear way
copy of signed
final*

TED M. & JEAN F. ENG'G
L.1708/F.484

162

E824200
N490000

E824700
N490000

PULIN
191

MILLANDE
W.A. 1

WETLANDS
PLAT NO. 416-1

WETLANDS
PLAT NO. 416-1

48'

105.00'
99.81'

63.25'

60'

55'

30'

STREAM

LOT 2
165.013 S.F.

120'

S 70°24'03"

N 28°05'45"

E 40.18'

S 70°24'03"

576.91'

E 247.38'

N 19°12'11"

E 71.38'

N 34°52'20"

E 58.57'

N 37°05'34"

E 51.40'

S 15°37'08"

E 180.45'

N 26°41'15"

E 72.10'

N 17°20'19"

E 35.30'

N 12°20'22"

E 98.27'

S 19°16'4 S.T.E

E 219.164

S 19°16'4 S.T.E

E 219.164

STREAM

STREAM

STREAM

STREAM

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A 42002

SUBDIVISION:

LOT NUMBER: 1

TRENCHES

_____ sq. ft./bedroom

Trench to be _____ wide.

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

_____ feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: _____

SHANABERGER & LANE

WP-91-53

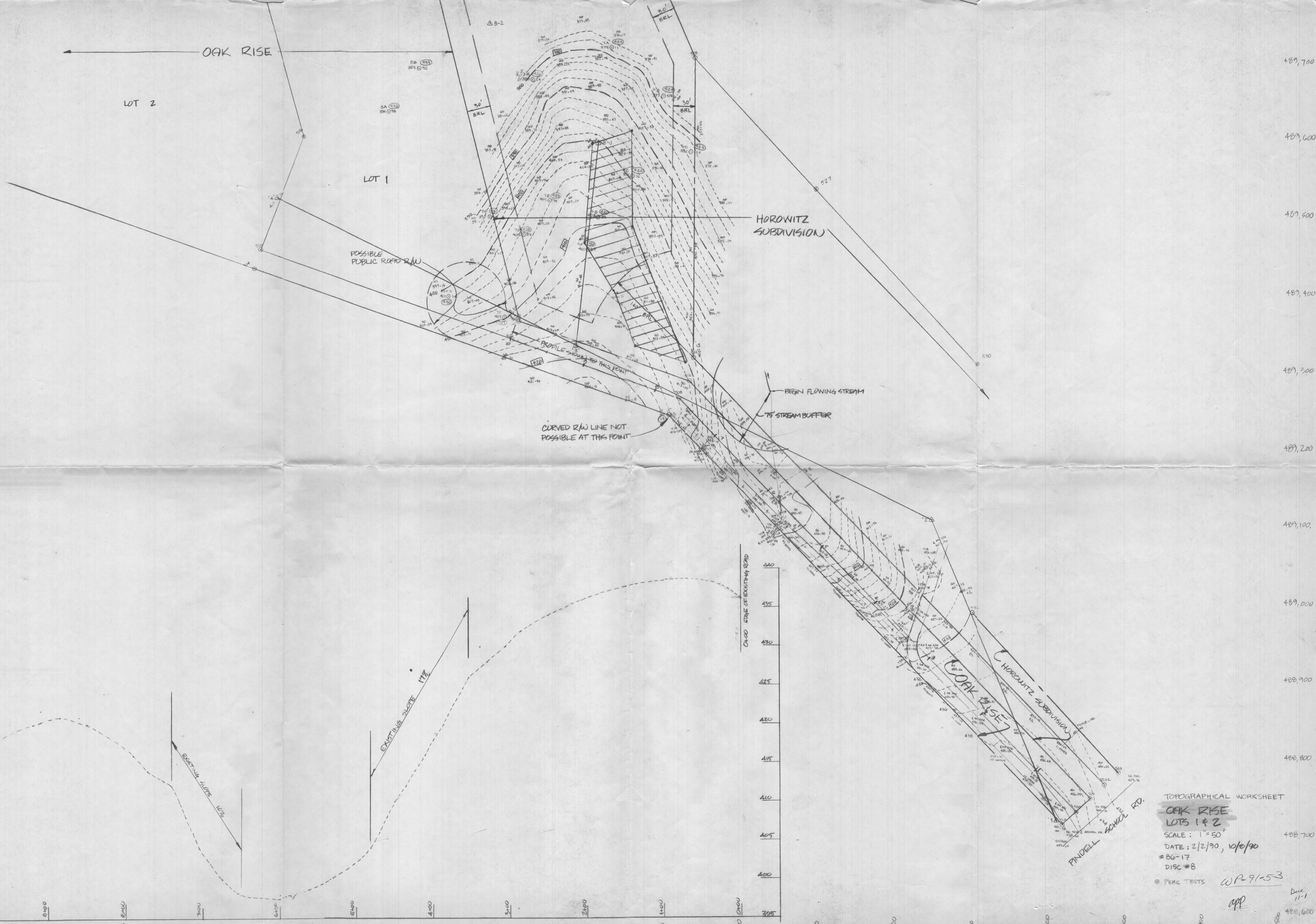
Surveying • Land Planning • Construction Stakeout

JUSTIFICATION FOR WAIVER REQUEST: the property owned by the Applicants and described in Liber 2138, Folio 71, is presently served by a 50-foot wide panhandle which is 996.68 feet in length. Construction of a public road within this panhandle is not possible due to the following physical constraints:

(1) Existing Topography is too steep. Existing grades within 50-foot panhandle are as high as 17%. Limits on maximum slopes for public roads and on minimum lengths of vertical curves will require excessive cuts and fills which will overlap into neighboring properties to the northeast and southwest. Grading a road to public standards across the low area at Station 5+85 will result in slopes that block part of the panhandle of the neighboring Horowitz Subdivision, and will result in disturbance and grading in the 75-foot stream buffer.

(2) Horizontal Alignment does not conform to Section 2.3.2-3.1 and Table 2.01 of volume III of the Design Manual. The existing 50-foot panhandle has a bend at Point No. 14, while a curved right-of-way is required for a County Road.

Construction of two separate panhandle drives will not disturb the stream buffer, will result in less disturbance, clearing and grading, and will take better advantage of the site topography than will construction of a road to public standards in order to minimize panhandle length.



TOPOGRAPHICAL WORKSHEET
OAK RISE
LOTS 1 & 2
 SCALE: 1" = 50'
 DATE: 2/2/90, 10/6/90
 #86-17
 DISC #8

© PERC TESTS WP-91-53
 Date 11-1
 488,600

489,700
 489,600
 489,500
 489,400
 489,300
 489,200
 489,100
 489,000
 488,900
 488,800
 488,700
 488,600

COORDINATES		
NO.	NORTH	EAST
501	488150.553	825253.840
510	489370.376	824513.208
511	490064.352	824339.794
512	489291.272	824735.367
515	488933.576	825454.346
528	489708.725	824742.448
529	490142.500	824559.506
490	489317.594	825102.997
489	489086.108	825174.117
535	489145.617	825613.942
540	489289.134	825317.747
117	489007.185	825566.409
669	489139.232	825627.120
670	488742.090	825261.956

NOTES

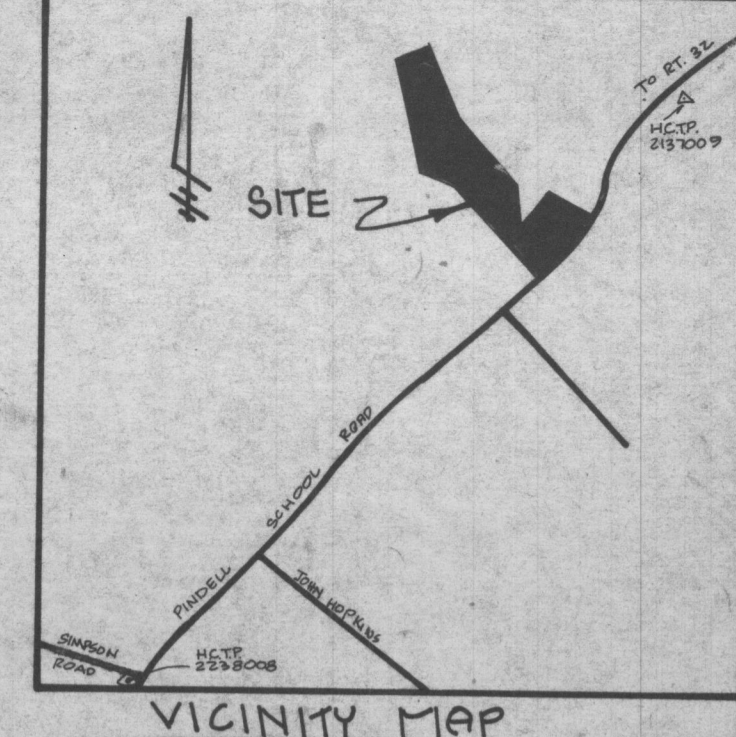
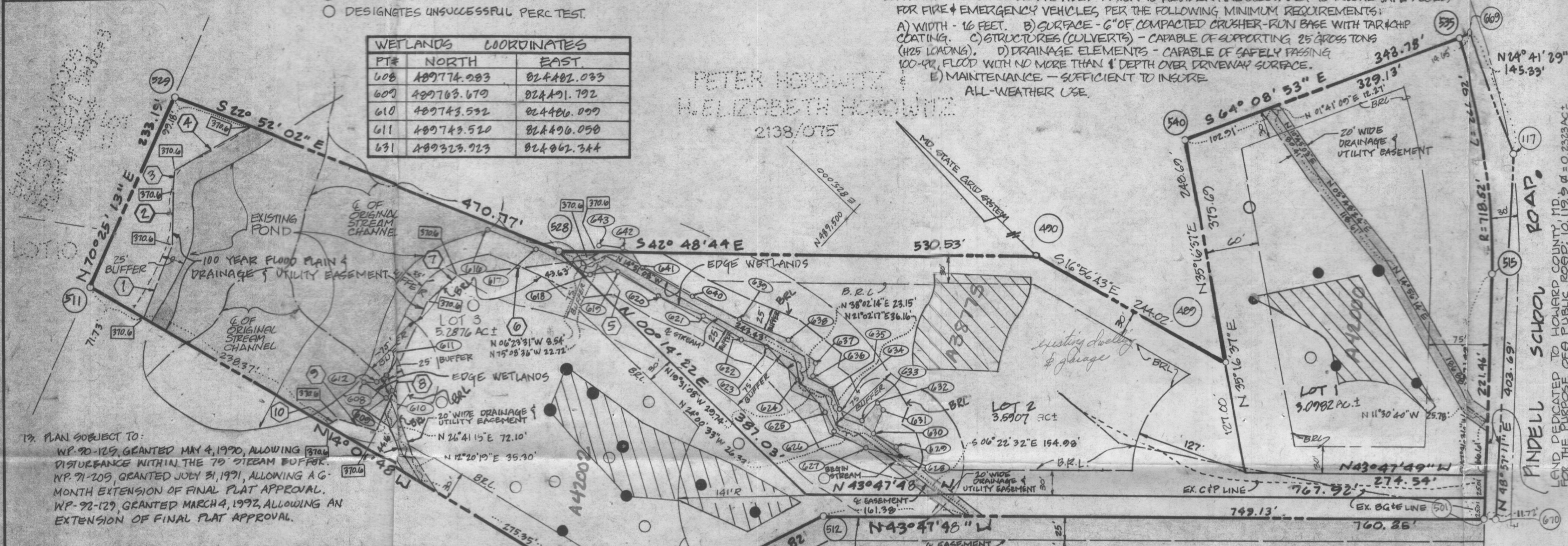
- THE COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE GRID SYSTEM.
- SUBJECT PROPERTY ZONED RR PER 9/10/92 COMPREHENSIVE ZONING PLAN.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 GPD AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE TO BE PROVIDED AT THE JUNCTION OF FLAG OR PIPE STEM AND THE ROAD R/W AND NOT INTO THE FLAG OR PIPE STEM LOT DRIVEWAY.
- "B.R.L." DESIGNATES BUILDING RESTRICTION LINE.
- DESIGNATES SUCCESSFUL PERC TEST.
○ DESIGNATES UNSUCCESSFUL PERC TEST.

CURVE DATA

NO.	RADIUS	ARC	DELTA	TANGENT	CHORD
385-515	718.52'	266.92'	21°17'06"	135.02'	N36°58'03"W 265.59'

- THERE IS AN EXISTING DWELLING AND AN EXISTING GARAGE ON LOT 3. NO ADDITIONS, EXTENSIONS, OR MODIFICATIONS TO THE DWELLING AND BARN WILL BE ALLOWED AT A DISTANCE LESS THAN THAT REQUIRED BY THE ZONING REGULATIONS.
- DESIGNATES 100-YEAR FLOOD PLAIN ELEVATION.
- THE EXISTING POND IS TO BE MAINTAINED BY THE PRESENT & FUTURE OWNERS OF LOT 3, AS WELL AS PRESENT AND FUTURE OWNERS OF THE ADJOINING PROPERTY TO THE EAST (L. 2198, P. 15) AND THE ADJOINING PROPERTY TO THE WEST (L. 2198, P. 71)
- NOTE: NO CLEARING, GRADING, OR DISTURBANCE IS PERMITTED WITHIN THE WETLANDS OR STREAM BUFFERS.

WETLANDS COORDINATES		
PT#	NORTH	EAST
608	489774.083	824482.093
609	489769.679	824491.792
610	489743.592	824480.099
611	489749.520	824496.096
631	489329.923	824862.344



WETLANDS		
PT. TO PT.	BEARING	DISTANCE
608 - 609	S 40° 48' 13" E	14.93'
609 - 610	S 15° 46' 40" W	20.94'
610 - 611	S 89° 55' 50" E	9.96'
611 - 612	N 23° 59' 48" E	20.46'
612 - 608	N 60° 14' 47" W	25.74'
616 - 617	S 21° 23' 23" E	59.11'
617 - 618	S 19° 17' 03" E	66.41'
618 - 619	S 46° 12' 50" E	28.80'
619 - 620	S 15° 28' 05" E	54.96'
620 - 621	S 19° 48' 25" E	54.21'
621 - 622	S 10° 41' 17" E	49.91'
622 - 623	S 28° 29' 38" E	29.71'
623 - 624	S 01° 17' 09" W	50.25'
624 - 625	S 06° 01' 47" W	47.68'
625 - 626	S 19° 07' 07" W	23.18'
626 - 627	S 15° 30' 48" E	40.16'
627 - 628	S 24° 29' 00" E	40.35'
628 - 629	N 25° 12' 29" E	14.43'
629 - 630	N 15° 38' 02" W	21.78'
630 - 631	N 65° 35' 32" E	28.30'
631 - 632	N 05° 12' 18" E	11.21'
632 - 633	N 89° 01' 09" W	26.11'
633 - 634	N 15° 33' 48" W	25.92'
634 - 635	N 22° 39' 18" E	24.44'
635 - 636	N 08° 19' 47" W	24.89'
636 - 637	N 57° 25' 51" E	15.04'
637 - 638	N 07° 17' 30" W	39.87'
638 - 639	N 17° 43' 10" W	56.81'
639 - 640	N 17° 43' 49" W	61.01'
640 - 641	N 14° 42' 27" W	63.82'
641 - 642	N 13° 47' 30" E	20.57'
642 - 643	N 31° 24' 29" W	36.99'

MINIMUM LOT AREA CALCULATIONS

LOT NO.	GROSS AREA	PIPESTEM AREA	REMAINING AREA	100-YEAR FLOODPLAIN	25% SLOPES	MINIMUM LOT SIZE
1	2.8982 AC.	0	3.0082 AC.	0	0.1678 AC.	2.94 AC.
2	3.8907 AC.	0.1574 AC.	3.4333 AC.	0.0008 AC.	0.6244 AC.	2.75 AC.
3	5.2876 AC.	0.4353 AC.	4.8523 AC.	1.9163 AC.	0.7093 AC.	2.27 AC.

14. IN THE "RR" DISTRICT UP TO 50% OF THE MINIMUM LOT SIZE MAY BE LAND IN THE 100-YEAR FLOODPLAIN OR STEEP SLOPES 25% OR GREATER.

TABULATION OF FINAL PLAT

TOTAL NUMBER OF LOTS AND/OR PARCEL TO BE RECORDED: BUILDABLE: 11.9765 AC.; OPEN SPACE: 0
 TOTAL AREA OF LOT AND/OR PARCEL; BUILDABLE: 11.9765 AC.; TOTAL OPEN SPACE: 0
 AREA AND % OF DRY GROUND USABLE OPEN SPACE: 0
 TOTAL AREA OF ROAD RIGHT-OF-WAY TO BE RECORDED INCLUDING WIDENING STRIPS: 0.2322 AC.
 TOTAL AREA OF SUBDIVISION TO BE RECORDED: 12.2088 AC.

FLOODPLAIN DATA

(NO)	BEARING	DIST.
1	N 68° 37' 45" E	85.71'
2	N 45° 40' 27" E	60.11'
3	N 59° 55' 53" E	21.05'
4	S 74° 10' 31" E	102.90'
5	N 82° 24' 14" W	17.25'
6	N 51° 38' 43" W	146.65'
7	N 70° 12' 57" W	42.76'
8	S 69° 34' 01" W	163.27'
9	N 28° 48' 39" W	45.65'
10	N 72° 38' 54" W	0.41'

OWNER'S CERTIFICATE

I, WE, PETER HOROWITZ AND H. ELIZABETH HOROWITZ, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL OF THE FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MD ITS SUCCESSORS AND ASSIGNS (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES, AND OTHER MUNICIPAL UTILITIES IN AND UNDER ALL ROAD AND STREET RIGHT-OF-WAYS AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREET AND/OR ROADS AND FLOODPLAINS AND OPEN SPACE, WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY, MD TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE, WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED WITHIN OUR HAND, THIS 30th DAY OF MARCH 1990

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT THAT IT IS A SUBDIVISION OF PART OF THE LAND CONVEYED BY PETER HOROWITZ AND H. ELIZABETH HOROWITZ UNTO PETER HOROWITZ & H. ELIZABETH HOROWITZ BY DEEDS DATED FEBRUARY 21, 1990, AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY IN LIBER 2138, FOLIO 080, AND LIBER 2138, FOLIO 075, AND THAT ALL REQUIREMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED.



APPROVED: FOR PRIVATE WATER & PRIVATE SEWER SYSTEMS. HOWARD COUNTY HEALTH DEPT.
 County Health Officer: [Signature] 3-22-93
 APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING.
 Director: [Signature] 3/31/93
 APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 Director: [Signature] 3/25/93

Peter Horowitz 3/30/90 [Signature] Witness: Sandra L. Hand 3/30/90
 H. Elizabeth Horowitz 3/30/90 [Signature] Witness: Sandra L. Hand 3/30/90

OWNERS:
 PETER & H. ELIZABETH HOROWITZ
 7100 PINDELL SCHOOL ROAD
 FULTON, MARYLAND 20750

RECORDED AS PLAT # 10767
 ON APRIL 5, 1993 AMONG THE
 LAND RECORDS OF HOWARD COUNTY, MD.

SHANABERGER LANE
 8726 TOWN & COUNTRY BLVD.
 SUITE 104
 ELLICOTT CITY, MD. 21043
 (301) 461-2563

FINAL PLAT
HAWK'S PERCH
 (PREVIOUSLY KNOWN AS HOROWITZ SUBDIVISION)
 LOTS 1, 2, & 3
 5TH ELECTION DISTRICT, HOWARD COUNTY, MD.
 TAX MAP 41, PARCEL 204
 ZONE - RR
 SCALE: 1"=100'
 DATE: 1/20/90
 WP-90-125
 SHEET 1 OF 1