

APPLICATION

PERCOLATION TESTING

A 516063

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT 5TH

DATE 2/9/01

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 D. R. HORTON

ADDRESS 1370 PICCARD DRIVE
ROCKVILLE, MD 20850 PHONE 301-670-6144

AGENT OR PROSPECTIVE BUYER CLARK SPERRY

ADDRESS P.O. BOX 417
ELLICOTT CITY MD 21041 PHONE 410-465-4244

PROPERTY LOCATION:

SUBDIVISION PALMER PROPERTY LOT NO. _____

ROAD AND DESCRIPTION TEN OAKS ROAD
CLARKSVILLE

TAX MAP 34 PARCEL # 77

SIZE OF LOT 1 AC ± TYPE BLDG. SINGLE FAMILY DETACHED
(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

COUNTY #

SOIL PROFILE

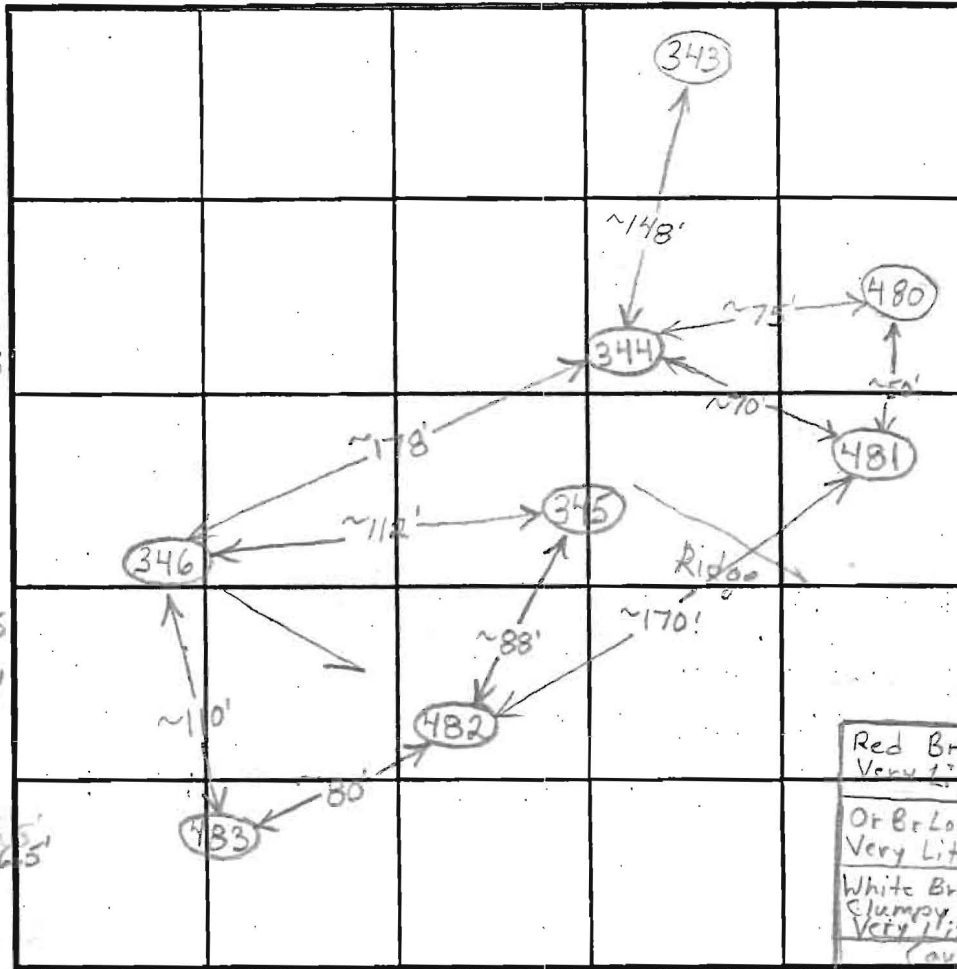
0' (483)
 Red Br Loam 4'
 Red Br Si Loam
 Very Little Rock 5'-6'
 Or Br and Wet Red Br Sa Loam, Very Little Rock 10'
 Caving 10.5'
 Mottling Water 11.5'

(482)

Red Br Loam
 Very Little Rock 6'-6.5'
 Or Br Loam
 Very Little Rock 8'-9'
 Beige Clumpy Si Loam
 Very Little Rock 11'
 Gray Mottling Caving Water 11.5'
 12'

(346)

Red Br Loam
 Very Little Rock 5'-6'
 Or Br Si Loam
 Very Little Rock 8'
 Med Br Sa Loam
 ~20% Saprolite
 Wet/Damp Near Bottom 13'



SOIL PROFILE

0' (345)
 Red Br Loam
 ~10% Rock 5'-7'
 Or Br Loam
 Very Little Rock 8'-10'
 Beige Gravelly, Clumpy Si Like Material
 Very Little Rock 12.5'
 (344)
 Red Br Loam
 Very Little Rock 6'
 Or Br Loam
 Very Little Rock 8.5'-9.5'
 White Brown + Black Clumpy Gravelly Si Loam
 Very Little Rock 12'
 Caving/Mottled Water 12.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/29/03	483	4'9" / 11.5'	1:40	1:45:45	1:45:45	1:55:45	10	(Marg.)
		6'8"	1:40:30	1:43	1:43	1:46	3	
	482	5'12" V	2:08	2:27	2:27 ~ 1/4" in 10 min	slow		(F)
		7'	2:08:30	~ 3/4" in 30 minutes				
	346	5.5' / 13' V	3:52	~ 1/8" in 10 minutes				O.K.
		7'	3:54:30	4:00	4:00	4:10:30	10 1/2	
4/30/03	345	5' / 12.5' V	9:33:30	~ 1/2" in 30 minutes				(F)
		7'	9:32:30	~ 3/4" in 30 minutes				
	344	5.5' / 12.5' V	9:48	10:12 ~ 3/4" in 30 min				(F)
		7'4"	9:48	10:10 ~ 7/8" in 30 min				

REMARKS 483 is O.K. For a Shallow System - Marginal

TYPE OF SOIL _____

TESTED BY B. Baker ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

COUNTY #

SOIL PROFILE

487

Red Br Loam 3'

Red Br Si Loam and Or Br Sa Loam 4'

Or Br Sa Loam ~20% Rock 6'-8'

Tan Sa Loam ~20% Rock and Saprolite 13'

349

Red Br Loam 3.5'

Red Br Si Loam and Or Br Sa Loam ~10% Rock 4'-6'

Beige Sa Loam 15-20% Rock and Saprolite 13'

485

Red Br Loam 4'

Red Br Si Loam and Or Br Sa Loam Very Little Rock 6'

Beige Sa Loam ~25% Rock and Saprolite Hard Bottom 12'

SOIL PROFILE

484

Red Br Loam 4'

Red Br and Or Br Si Loams 5'

Or Br Sa Loam Very Little Rock 8'-9'

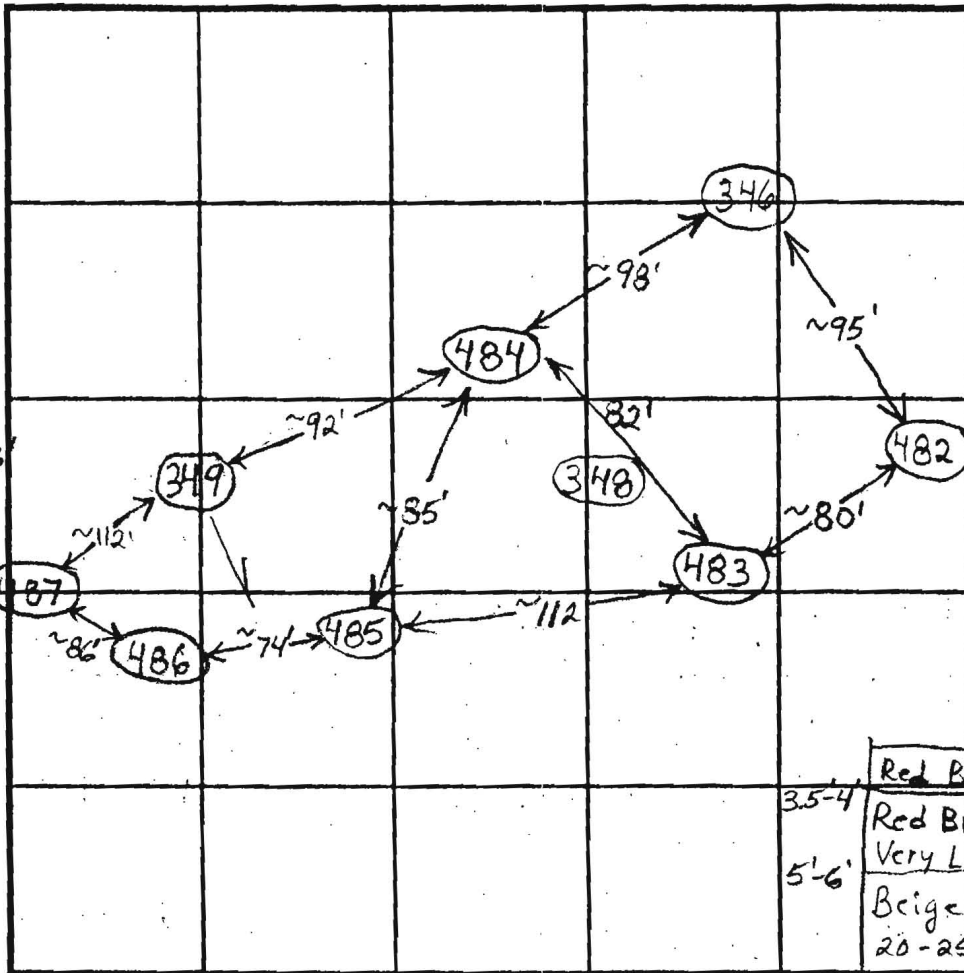
Light Br Sa Loam ~20% Saprolite, Very Little Rock 13.5'

348

Red Br Loam 3.5-4'

Red Br Si Loam Very Little Rock 5'-6'

Beige Sa Loam 20-25% Saprolite Wet Near Bottom 13.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
4/29/03	487	4.5' / 13' V	11:46	11:47:15	11:47:15	11:48:40	~1 1/2	O.K.	
		7.5'	11:47	11:50:30	11:50:30	11:56:15	~6		
	349	4.5' / 13' V	12:18	12:24	12:24	12:34	10	O.K.	
		7'	12:19	12:24	12:24	12:31:30	7 1/2		
	486	Covered	By Contractor - Shallow Bedrock					(F)	
	485	4'3" / 12' V	12:42	12:52:15	12:52:15	1:22	~30	O.K.	
		6'8"	12:42:30	12:52	12:52	1:05	13		
	484	4'3" / 13.5' V	12:57:30	1:10:30	1:10:30	1:28	17 1/2		
		7'2"	12:57:30	1:03	1:03	1:13:30	10 1/2		
	348	5' / 13.5' V	1:20	1:23	1:23	1:28	5	O.K.	
		7'	1:20:30	1:23	1:23	1:26:30	3 1/2		

REMARKS

TYPE OF SOIL

TESTED BY B. Baker

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

COUNTY #

SOIL PROFILE

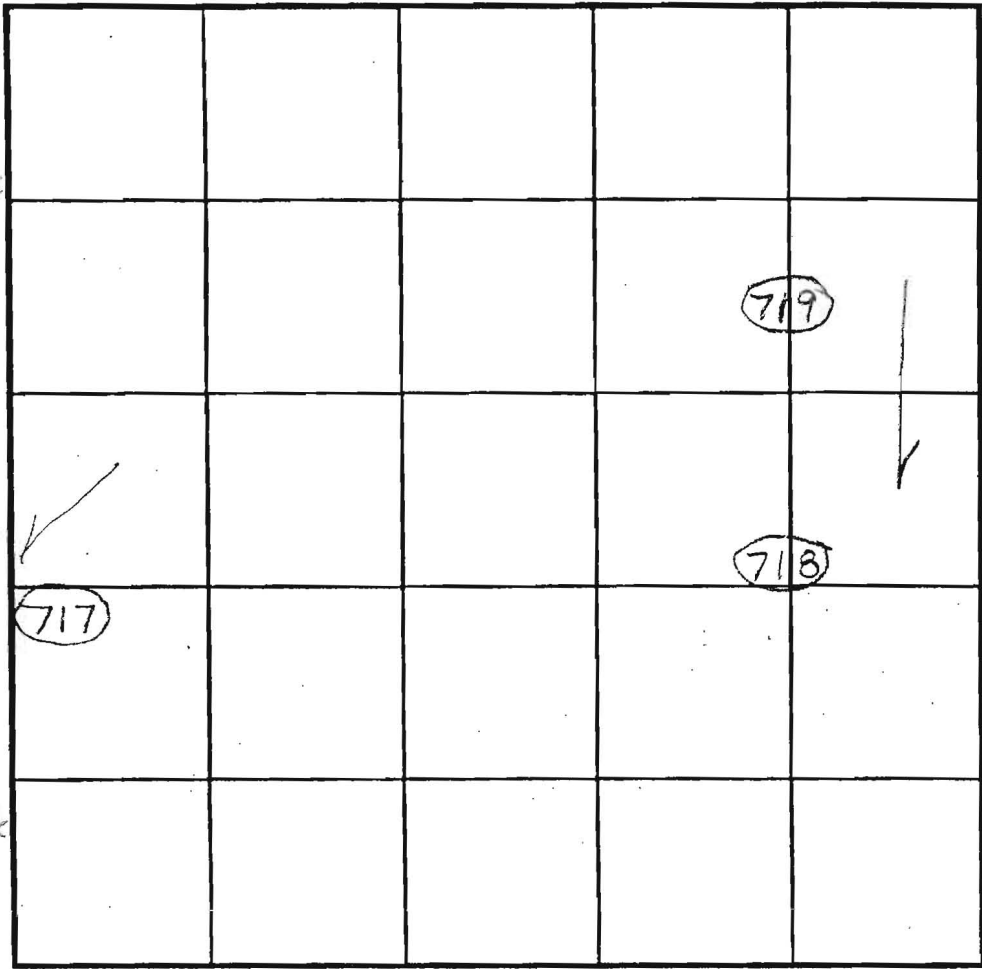
0' (718)
 Red Br Cl
 Loam, ~10% Rock
 5.5' Red Br Si Cl
 Loam
 Trace Rock
 9.5' Med Br Sa
 Loam on West
 Side of Hole
 Red Br Si Cl
 Loam to Bottom
 on East Side
 of Hole
 Trace Rock
 14' Water

(719)

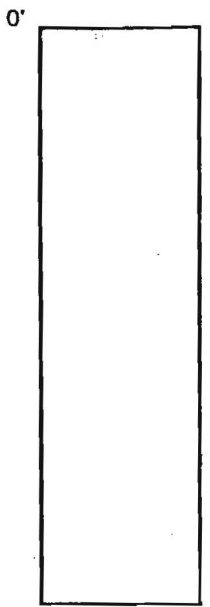
5-5.5' Red Br Cl
 Loam, ~15% Rock
 Red Br Loam
 Trace Rock
 6.5' Red Br Si
 Loam
 Trace Rock
 ~8' Med Br
 Sa Loam
 ~20%
 Saprolite
 13.5' Dry

(717)

Red Br Si Cl
 Loam and
 Sa Cl Loam
 ~20% Rock
 Mixture of
 Red Br Si Loam
 and Or Br Sa
 Loam
 ~10% Rock
 5' Med Br and
 Red Br Sa Loam
 Large Vein
 of ~50%
 Rock Below
 7.5'
 13' Water



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/2/2004	718	8' / 14' V	1:53	~1/4" in	15 minutes	Slow	(F)
	719	6'3" / 13.5' V	2:10:30	2:18:30	2:18:30	2:34:30	16 O.K.
		7'	2:37	2:42	2:42	2:52	10
6/3/2004	717	4' / 13' V	3:48	3:53	3:53	4:01:30	8 1/2 Marg
		Retest in Rock					←

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY B. Baker ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

APPLICATION

PERCOLATION TESTING

A 516063

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DISTRICT 5TH

DATE 11/7/01

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ELLICOTT CITY, MARYLAND

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1370 PICCARD DRNE
ADDRESS ROCKVILLE MD 20850 PHONE 301-670-6144

AGENT OR PROSPECTIVE BUYER CLARK SPERRY
P.O. BOX 417
ADDRESS ELLICOTT CITY MD 21041 PHONE 410-465-4244

PROPERTY LOCATION:

SUBDIVISION PALMER PROPERTY LOT NO. _____

ROAD AND DESCRIPTION TEN OAKS ROAD
CLARKSVILLE

TAX MAP 31 PARCEL # 77

SIZE OF LOT 1 AC ± TYPE BLDG. SINGLE FAMILY DETACHED
(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]
D.R. HORTON, INC
VICE PRES.
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

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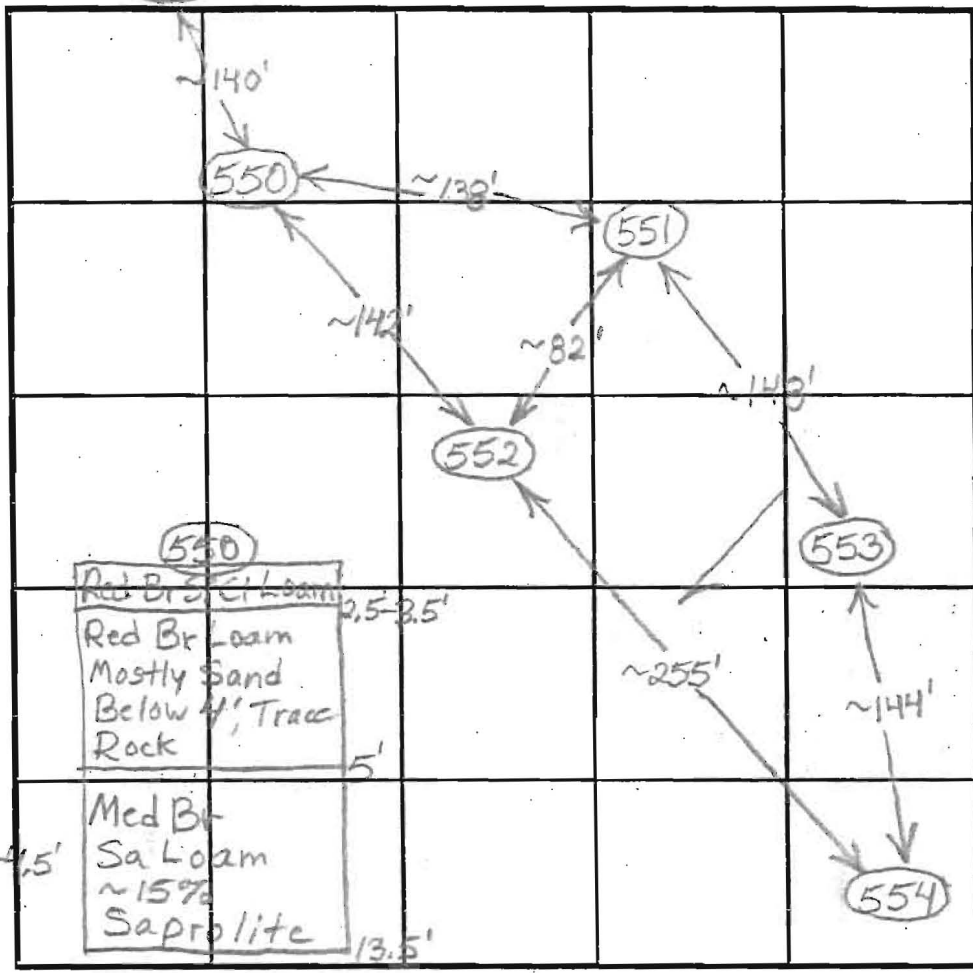
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0'
 (554)
 Red Br Heavy Loam
 Trace Rock
 3.5'
 Red Br Si Cl Loam
 ~10% Rock
 6.5'
 Or Br Si Cl Loam
 Trace Rock
 9.5'
 Beige Sa Loam, ~15%
 Saprolite
 11'
 Caving
 Water
 12'



SOIL PROFILE

0'
 (552)
 Red Br Heavy Loam 3.5-4.
 Red Br Si Cl Loam ~10% Rock 5.5-6.
 Tan Sa Loam 10-15% Saprolite
 14'

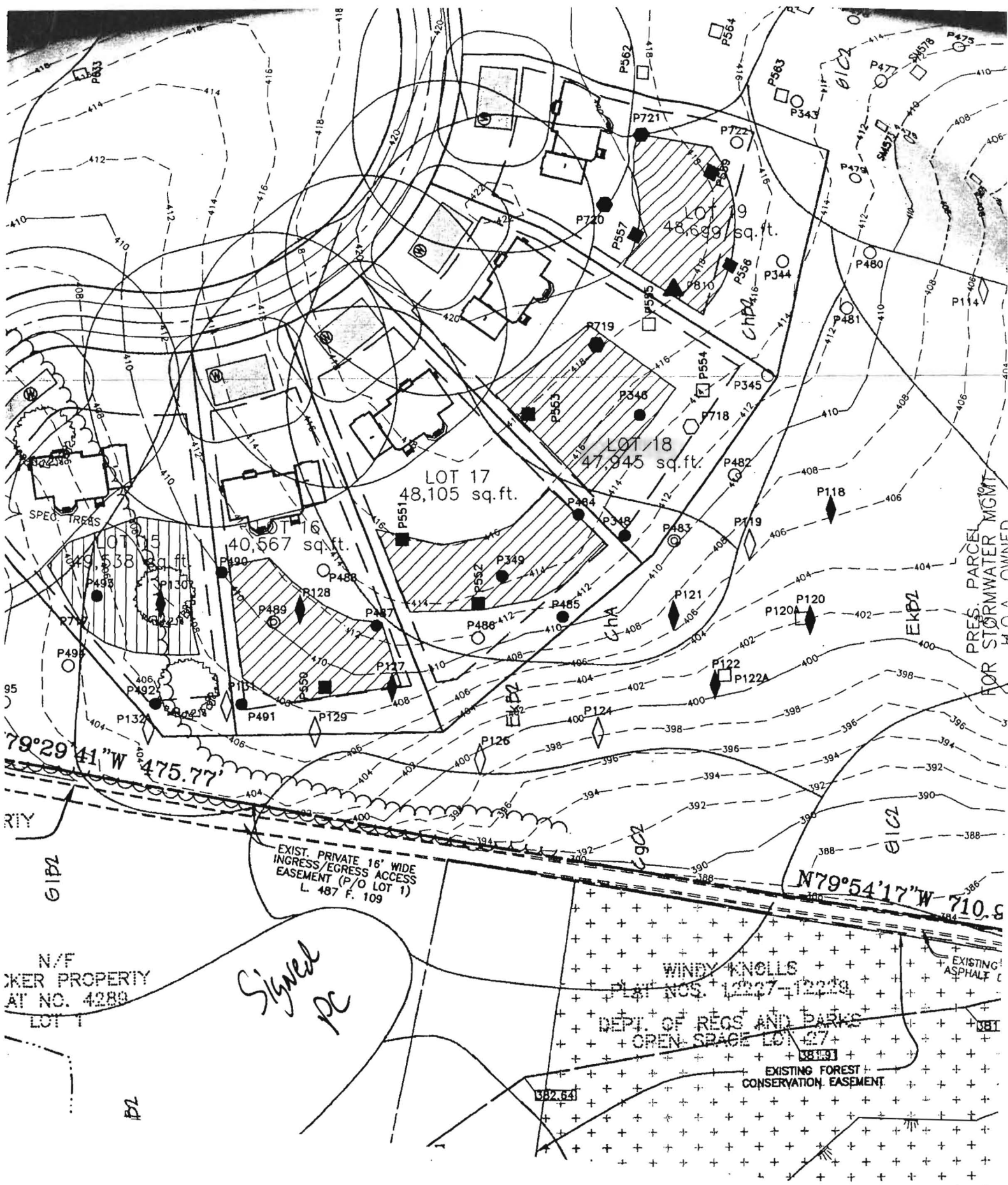
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

(553)
 Red Br Heavy Loam 3.5-4.5'
 Red Br Si Cl Loam Trace Rock 4.5-5.5'
 Beige and Tan Sa Loam ~15% Saprolite
 Water 14.5'

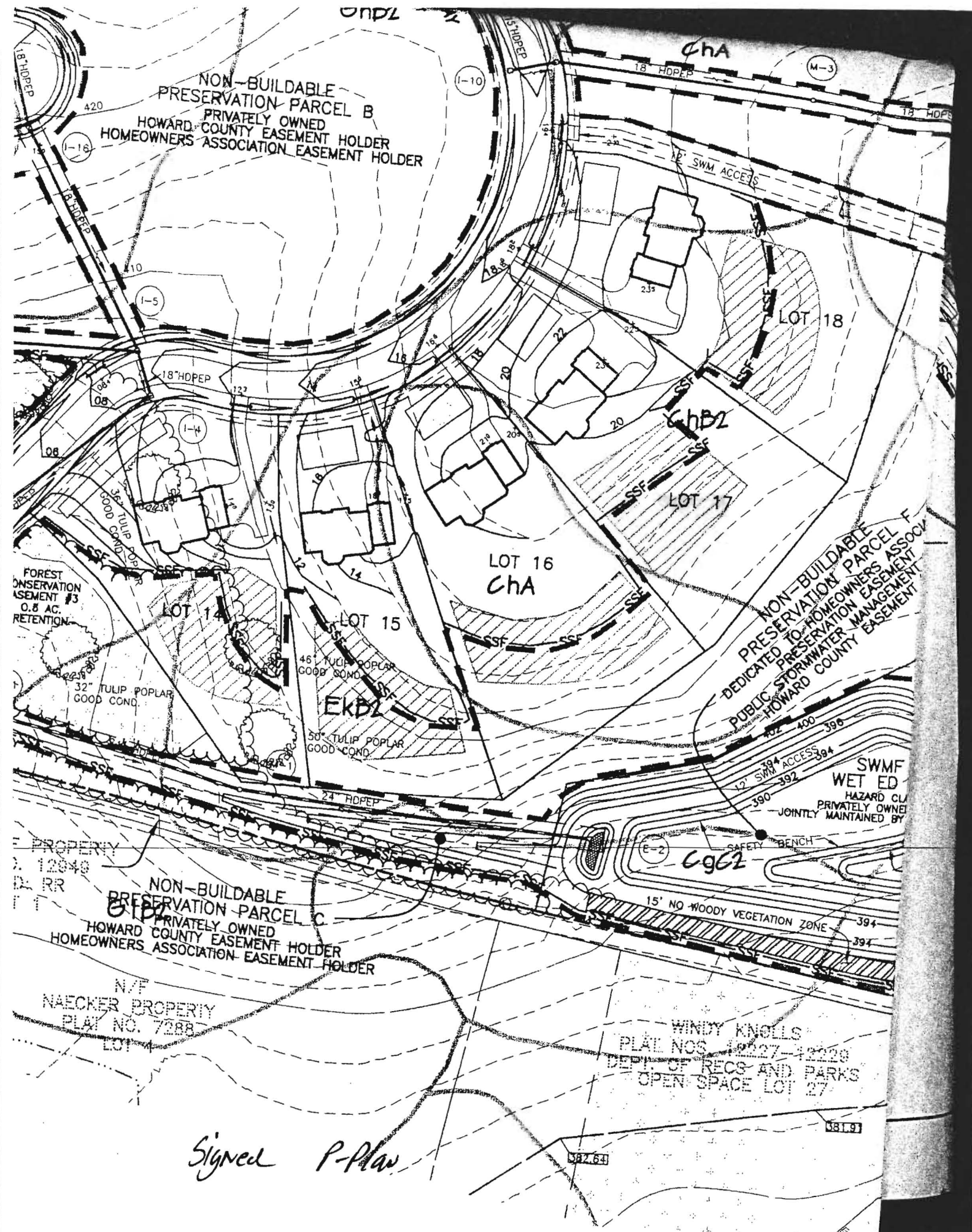
(551)
 Red Br Heavy Loam ~10% Rock 4'
 Red Br Heavy Loam, Si Loam and Beige Sa Loams ~15% Rock 5.5'
 Med Br Sa Loam ~35% Rock 8'
 ~50% Rock 12'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/22/04	554	7'9" / 12' V	9:46	~1/4" in 30 minutes	10:09:30	10:14:30	5 O.K. (F)
	553	5.5' / 14.5' V	10:07	10:09:30	10:09:30	10:14:30	5 O.K.
		7'	10:07	10:08:30	10:08:30	10:11	2 1/2
	551	4.5' / 13' V	10:28:30	10:30:15	10:30:15	10:33:15	3 O.K.
		7' 9"	10:28:30	10:30	10:30	10:32:30	2 1/2
	552	6'4" / 14' V	10:48	10:59	10:59	11:24	25 O.K.
		6'9"	10:49	10:53	10:53	10:59	6
	550	4.5' / 13.5' V	10:57:30	10:59:30	10:59:30	11:02	2 1/2 O.K.
		7.5'	11:02	11:03:45	11:03:45	11:06:15	2 1/2

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY B. Baker ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SO FT/RFROOM _____



PLAN VIEW



Signed P-Plan

PLAN VIEW