

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 11/7/01

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 DRNE
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. 27

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]
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 _____

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' (99)
 Red Br
 Cl Loam
 2' Or Red Br
 Si Cl Loam.
 4' Light Br
 Si Loam
 5-10%
 Rock
 10' Mottling
 15'

(101)

1' Red Br Cl
 Loam With
 Red Br Cl
 Loam, Red
 Br Si Cl
 Loam, Or
 Sa Loam

5-5.5' Si Loam
 5-7% Rock
 Rock

7.5-8' Mottling
 Mica with
 Gray, Green
 Tan + Pink

15'

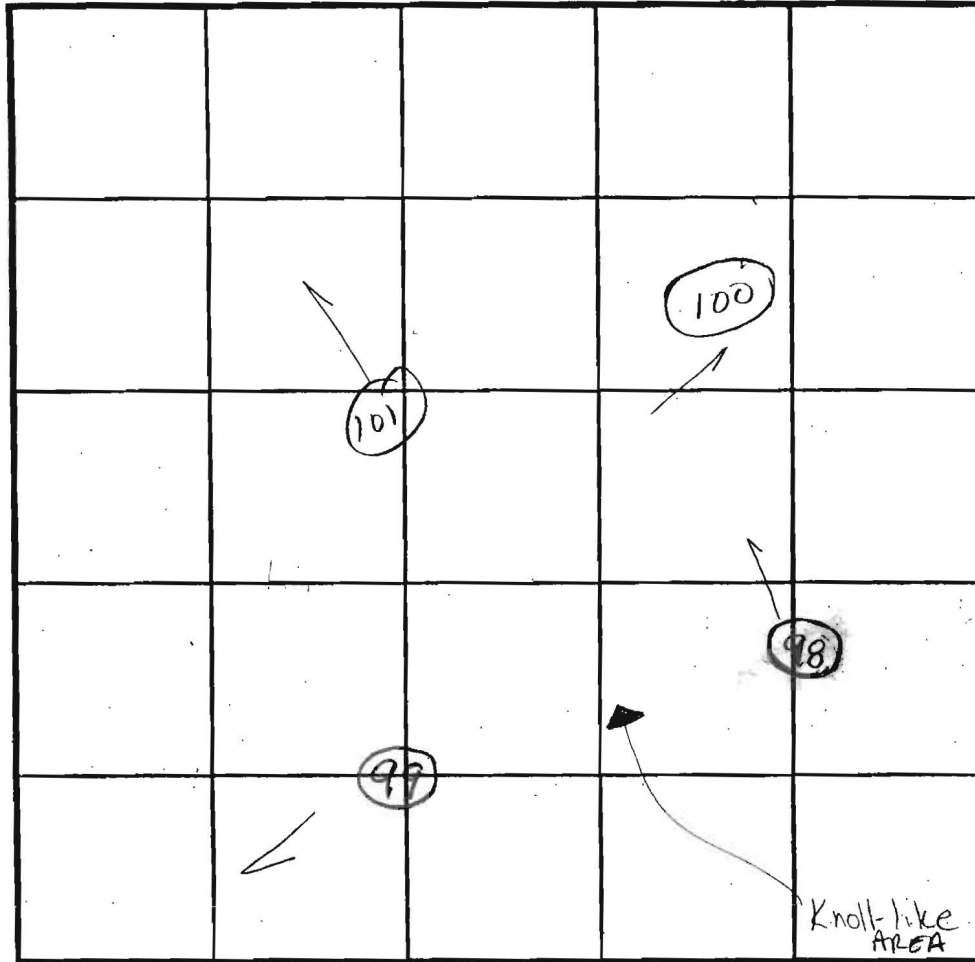
(100)

4.5' Red Br Cl Loam
 Or Br Si
 Cl Loam
 Siltier
 with Depth

8'

Mottling
 at 7.5'
 Light Br
 and org
 Si Loam
 ~15%
 Saprolite

14'



SOIL PROFILE

0' (98)
 Red Br
 Cl Loam
 3' Heavy Or Red
 Si Cl Loam
 5' Or Br Si
 Cl Loam
 6-6.5' White and
 Med Br
 Sa Loam
 ~10%
 Rock
 14' Mottling

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Ten Oaks Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/12/01	99	5 1/2' / 15' V	2:16 ⁰⁸	2:16 ⁴⁵	2:16 ⁴⁵	2:18 ¹²	2 1/2
	101	15' V					WS
	100	14' V					WS
	98	5.5-6' / 14' V	12:50:30	12:58	12:58	1:11:30	13 1/2

REMARKS: Holes DUG PER PLAN Wet season testing
 TYPE OF SOIL _____
 TESTED BY: Brian BAKER ALSO PRESENT HATFIELDS
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

COUNTY #

SOIL PROFILE

(454)

Red Br Heavy Loam 4'
 Red Brand Or Br Loam 6'
 Dense Or Br Sa Loam Turning Tanner with Depth Very Little Rock ~25% Saprolite 12.5'

(452)

Red Br Loam 3.5'
 Or Br Si Loam 4'-4.5'
 Tan Sa Loam 10-15% Saprolite 14'

(453)

Red Br Loam 2.5-3'
 Or Br Loam 4'
 Beige Sa Loam Very Little Rock, ~20% Saprolite 12'
 Mottled Caving 13'
 Wet Water 13.5'

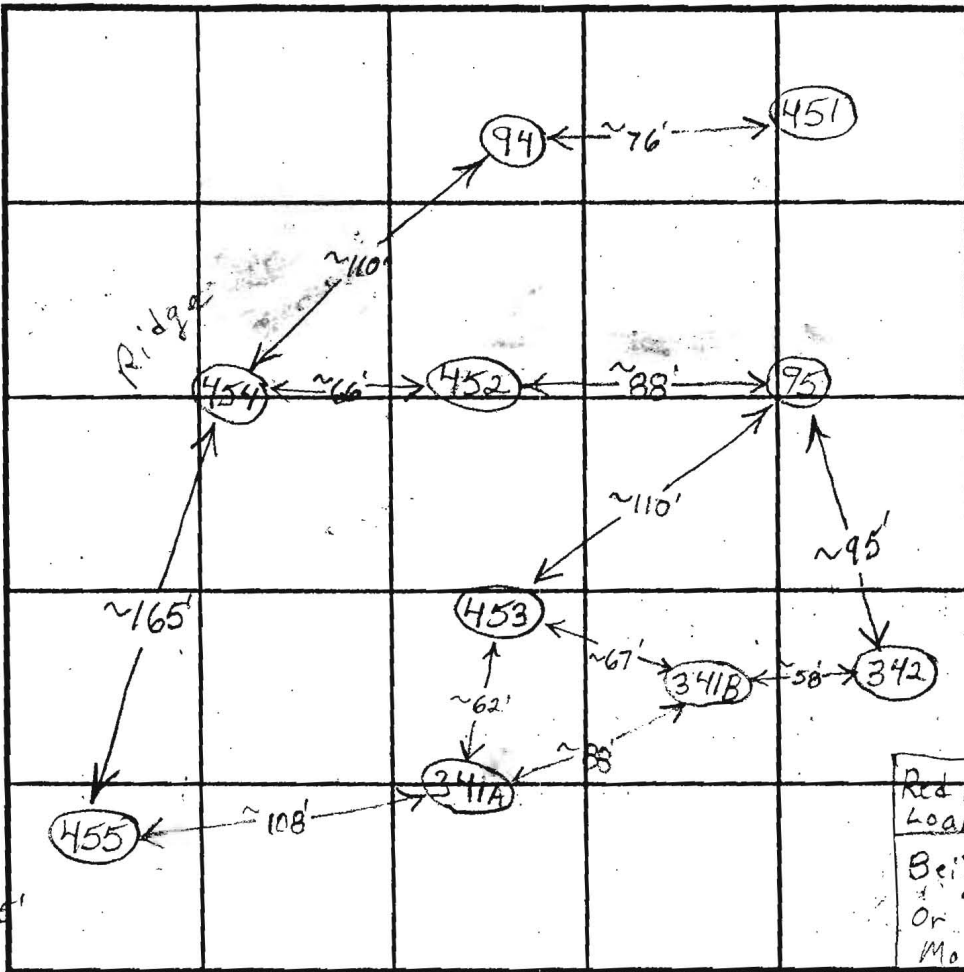
SOIL PROFILE

(341A)

Red Br Loam 2'
 Or Br Loam 3.5-4.5'
 Med Br Sa Loam Very Little Rock ~25% Soft Saprolite 12'
 Caving/Mottling Water 13'

(341B)

Red Br Gray Mottled Loam 3'-5.5'
 Beige Sa Loam Or Gray + Black Mottling, Very Little Rock Water 9.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/22/03	454	4.5'/2.5' V	12:34	~7/8" in	30 minutes		Slow
		6'	12:34	~15/16" in	30 minutes		Slow
		6' 10"	1:12:30	1:19	1:19	1:28	9
	452	3'9" / 14" V	1:04	-Pulled,	Probably Slow		Slow O.K.
		6'9"	1:03:40	1:05:15	1:05:15	1:07:45	2 1/2
		4.5'	1:22	1:24	1:24	1:26:45	~3
	453	4' / 13.5' V	2:09	2:13	2:13	2:21	8 O.K.
		7.5'	2:09:30	2:11:10	2:11:10	2:14	~3
	341A	4.5' / 13' V	2:37	2:43:45	2:43:45	2:52:45	9 O.K.
		8'	2:37	2:43:15	2:43:15	2:54:45	11 1/2

REMARKS 341B 4.5' / 9.5' V 3:07:30 ~1/4" in 10 minutes Slow (F)
 TYPE OF SOIL 342 Water at 8.5', Wet + Mottled Above (E)
 TESTED BY B. Baker ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

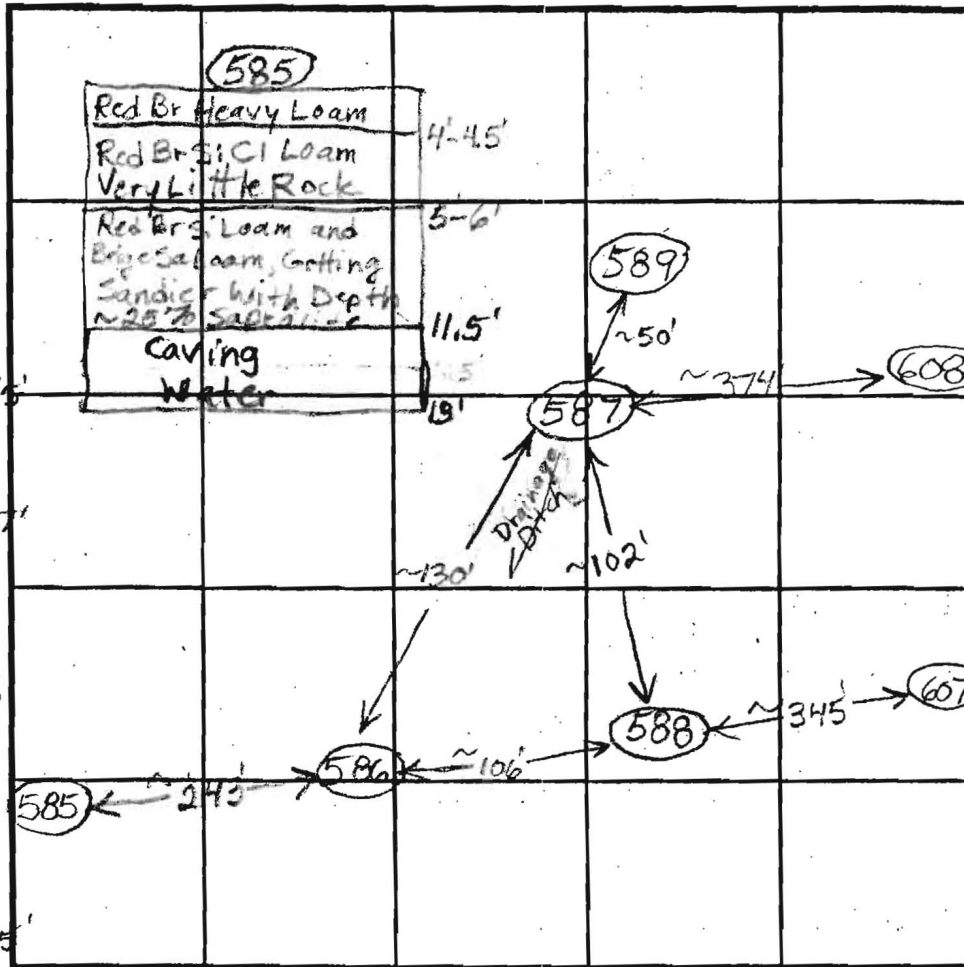
COUNTY #

SOIL PROFILE

(589)
 Red Br Heavy Clay Loam 4.5'
 Red Br Si Cl Loam, Very Little Rock 5'-5.5'
 Red Br Si Loam, Very Little Rock 6.5'-7'
 Med Br Sa Loam 20% Saprolite, Caving Water 13.5'

(587)
 Red Br Heavy Loam 2.5'
 Red Br Si Cl Loam 4.4.5'
 Mixture of Si and Sa Loams, Getting Sandier With Depth 6.5'
 Caving Water 8.5'
 Wet Water 9.5'

(588)
 Red Br Heavy Loam 4.5'
 Red Br Si Cl Loam ~10% Rock 5.5'
 Mixture of Si and Sa Loams, Getting Sandier With Depth, ~10% Rock 7.5'
 Caving Water 9'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

(586)
 Red Br Heavy Loam 3.5'-4.5'
 Red Br Si Cl Loam Very Little Rock 5'
 Damp Br Si Loam Very Little Rock 6.5'
 Caving Water Seeping In 7.5'
 9'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1/15/04	589	6.5' / 13.5' V	2:06:45	2:18:30	2:18:30	2:51	32 1/2	O.K.
		8'	2:07	2:11	2:11	2:20:45	10	
	587	5' / 9.5' V	2:26	2:28:45	2:28:45	2:36:15	7 1/2	(F)
		8'	2:26	2:29	2:29	2:34	5	
		4.5'	2:42	~1/4" in 10 minutes			Slow	
	588	5.5' / 9' V	3:02	No Movement			Slow	(F)
		8'	3:02:30	3:19:30	3:19:30	3:45:30	26	
	586	9' V						(F)
1/16/04	585	5' 9" / 13' V	9:19:30	9:25:30	9:25:30	9:34:30	9	O.K.
		6' 10"	9:11	9:20:45	9:20:45	9:24:15	14 1/2	

REMARKS 587 in Drainage Ditch

TYPE OF SOIL _____

TESTED BY B. Baker ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

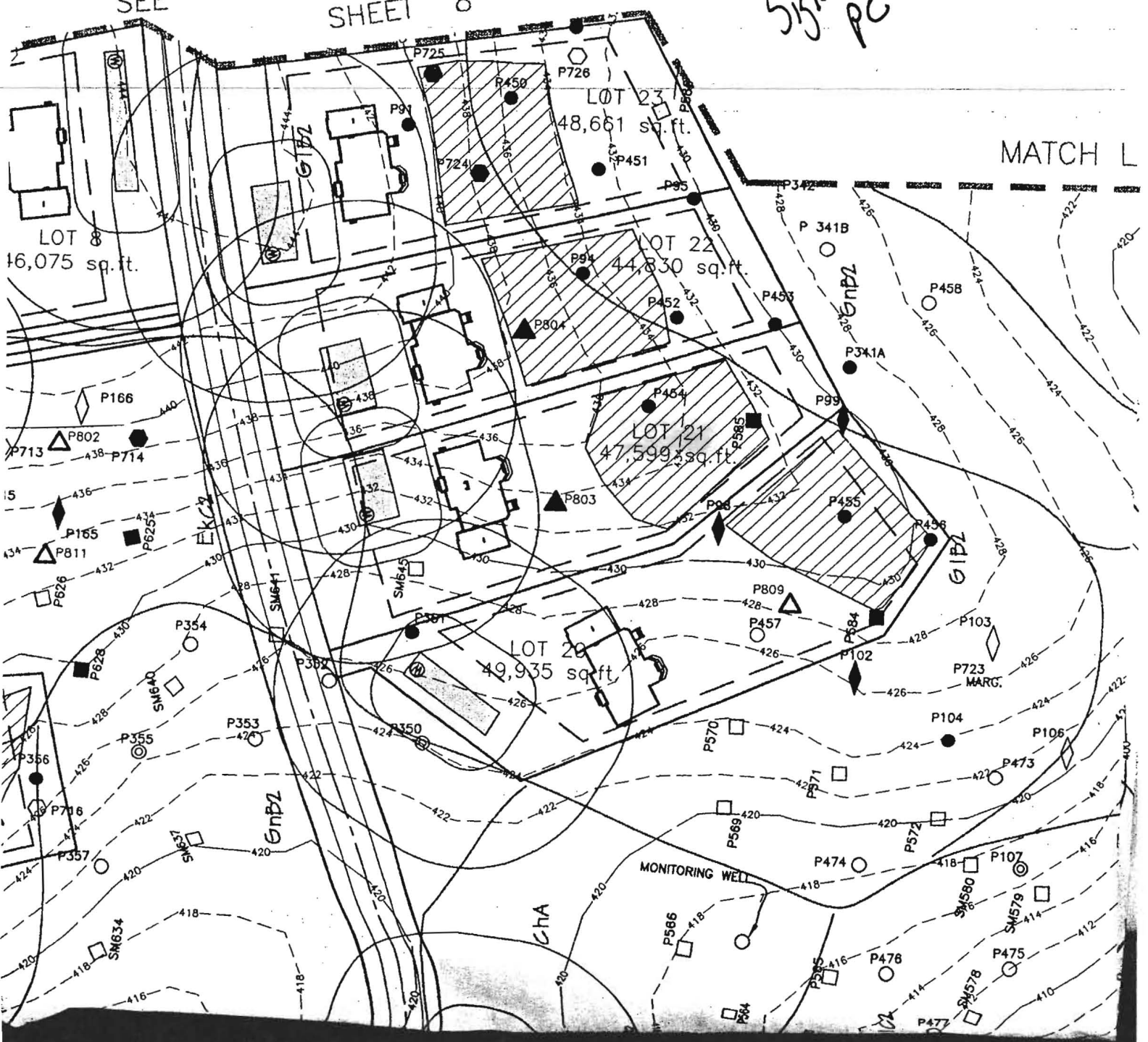
INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

SEE

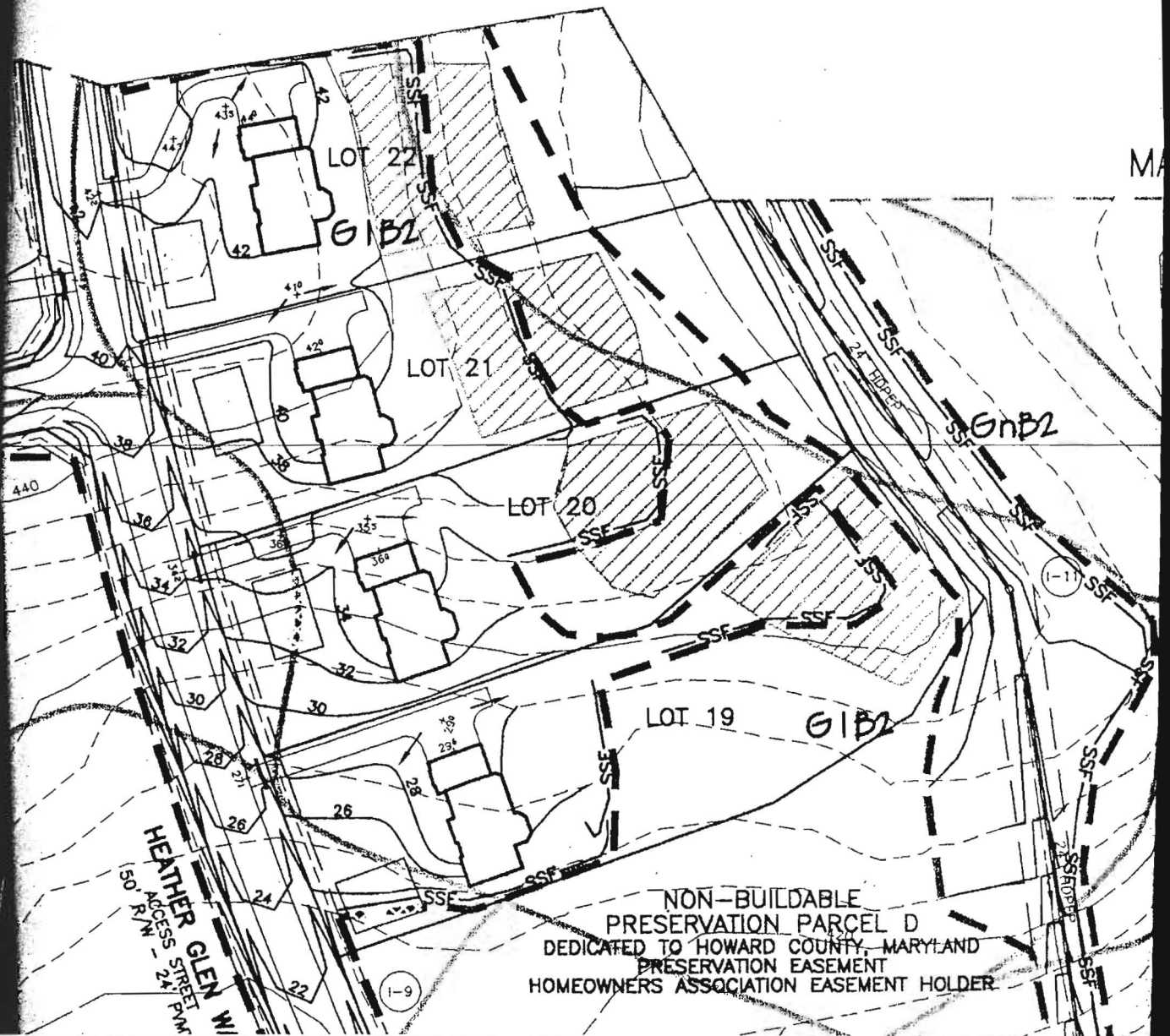
SHEET 8

Singer PC

MATCH L



Signed P-Plan



02/07
Revised PC 2/8/07

Incorrect symbol
585 Passed.

SHEET 1

M.D. on

