

APPLICATION

PERCOLATION TESTING

A _____

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. _____

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.

APPROVED BY _____ FOR _____ DATE _____
(Signature) D.R. HORTON, INC
VICE PRES.
(SIGNATURE OF APPLICANT)

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' (703)

Red Br
Cl Loam
Med Br
Sa Loam
Trace
Rock
Caving
Water

2.5'-3.5'

10'
11'

(702)

Red Br
Cl Loam
Med Br
Sa Loam
Trace
Rock

3.5'-4'

Caving
Water

10'
10.5'

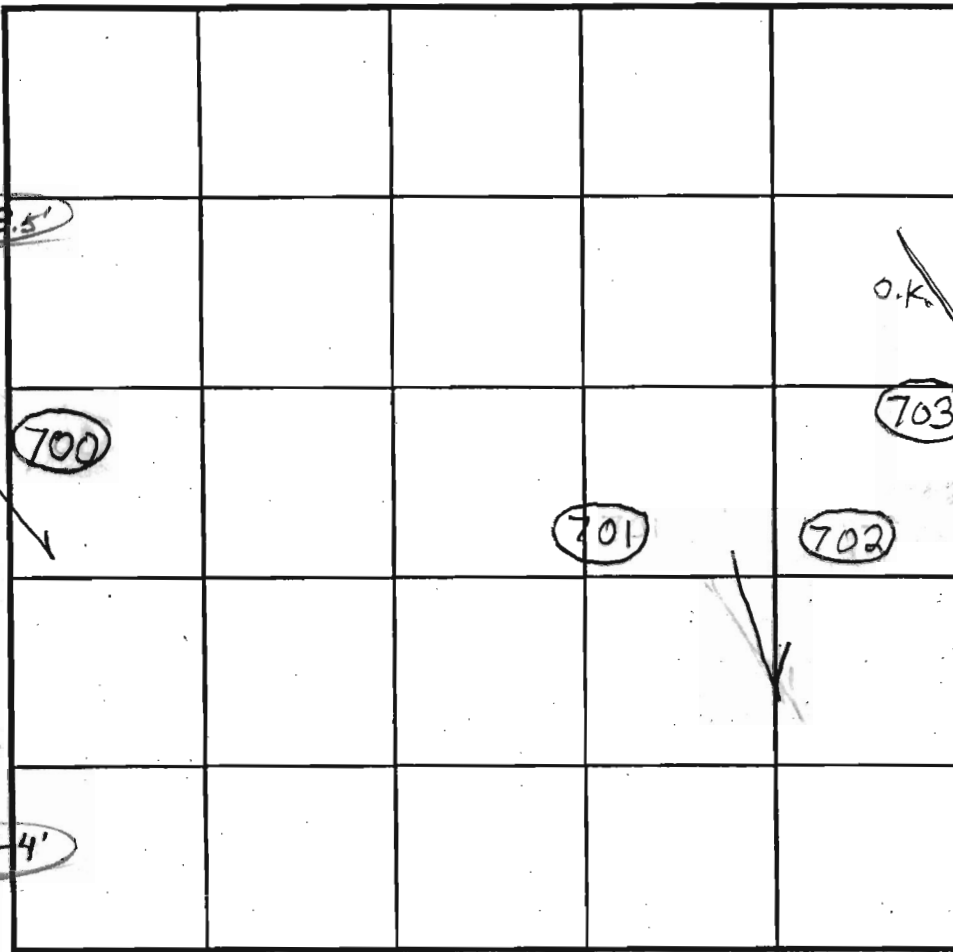
(701)

Red Br Cl
Loam; ~20%
Rock
Red Br Si
Cl Loam
Tan Sa
Loam
Trace
Rock

4.5'
5.5'

Caving
Water

12'
13'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
0' (700)

Red Br
Cl Loam
Red Br
Si Cl Loam
and Beige
Sa Loam
Beige
Sa Loam
10-15%
Rock
Caving
Mottling
Water

4'-4.5'
5.5'
10.5'
11'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/3/2004	703	4'/11" V	1:21:15	1:22:25	1:22:25	1:24:15	~2	O.K.
	702	10' V						O.K.
	701	5'3"/13" V	1:48					Slow O.K.
		5'9"	1:52	2:06	2:06	2:30	24	
	700	5'8"/11" V	2:06	2:09:30	2:09:30	2:14:30	5	(F)
Must Retest Hole 220 To Determine Usability - Must Perc Shallower								

REMARKS 700 in Swale - Fails

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

410

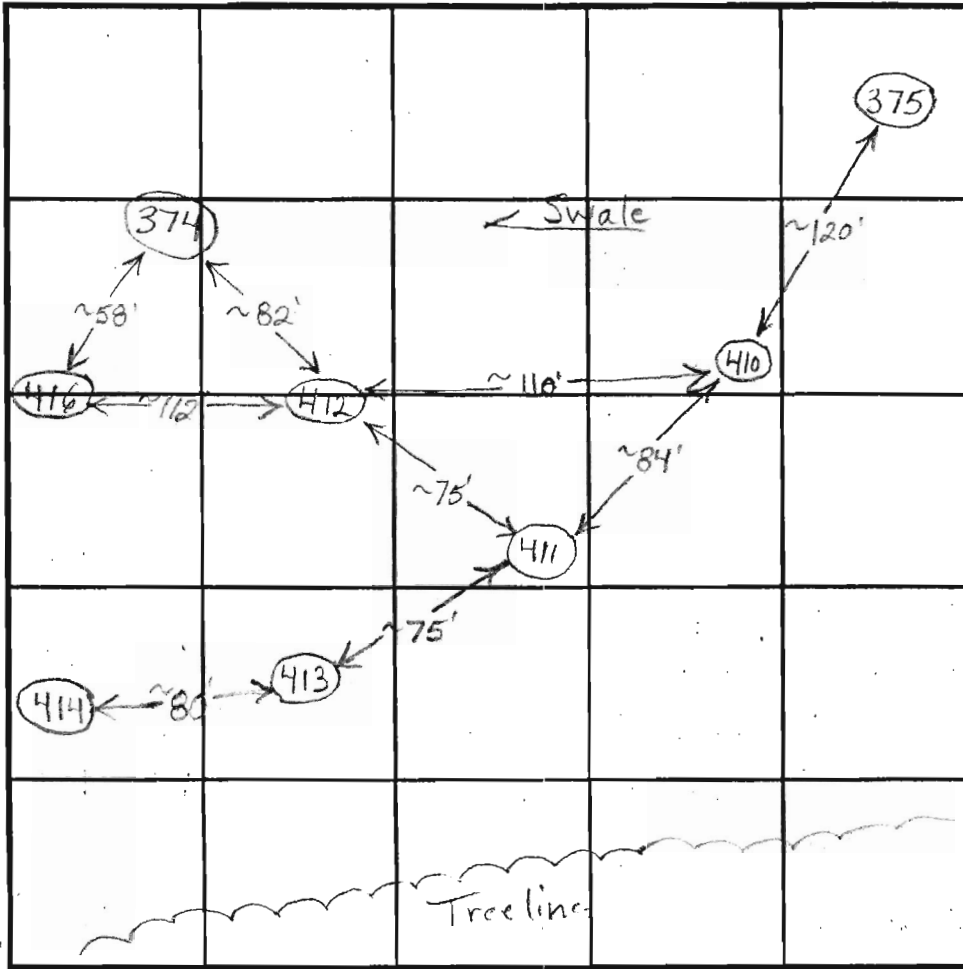
0' Red Br Heavy Loam 2'
 Red Or Br Sa Loam 4'
 Tan Loamy Sand 14'
 15-20% Rock and Saprolite

412

Red Br Heavy Loam 5'
 Or Br Loam ~10% Rock 6-8'
 Tan Sa Loam ~15% Rock and Saprolite 14'

374

Red Br Heavy Loam 4'
 Or Br Loam and Tan Sa Loam 5.5'
 Brige Sa Loam ~25% Saprolite
 Moist Below 2.5' - 13'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

411

0' Red Br Heavy Loam 4'-5'
 Red Br Loam Less Than 10% Rock 6.5'
 Brige Sa Loam ~15% Rock and Saprolite 14.5'

416

Red Brown Topsoil 2"
 Brown Sand 3"
 Red Sa Clay Loam
 Brown Loam
 Brown Loam 13 1/2'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/10/03	410	4'10" / 14" V	1:57:45	1:59:30	1:59:30	2:01:40	~3
	12" x 12"	7.5'	2:14:10	2:15	2:15	2:16:30	1 1/2 O.K.
	412	6.5' / 14" V	2:32:30	2:47:30	2:47:30	3:07	19 1/2 O.K.
	374	5'5" / 13'10" V	2:45:45	2:47:20	2:47:20	2:49:45	2 1/2 O.K.
		3'	2:45:15	2:46:25	2:47:45	2:47:45	1 min 20 sec
	Repair	8'	2:53:30	2:55:40	2:55:40	2:58:10	2 1/2
	411	5' / 14.5" V	4:00:30	Little Movement in 10 Minutes			Slow
		7.5'	3:58:40	3:59:45	3:59:45	4:01:20	1 1/2
		6.5'	4:26:30	-Pulcked Probably		Slow	? Marg.
5/6/03	416	5'	4:00	4:06	4:06	4:15	9 min

REMARKS: Test 411 at 7' if Usable

TYPE OF SOIL _____

TESTED BY: B. Baker / F. Alfonso ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

COUNTY #

SOIL PROFILE

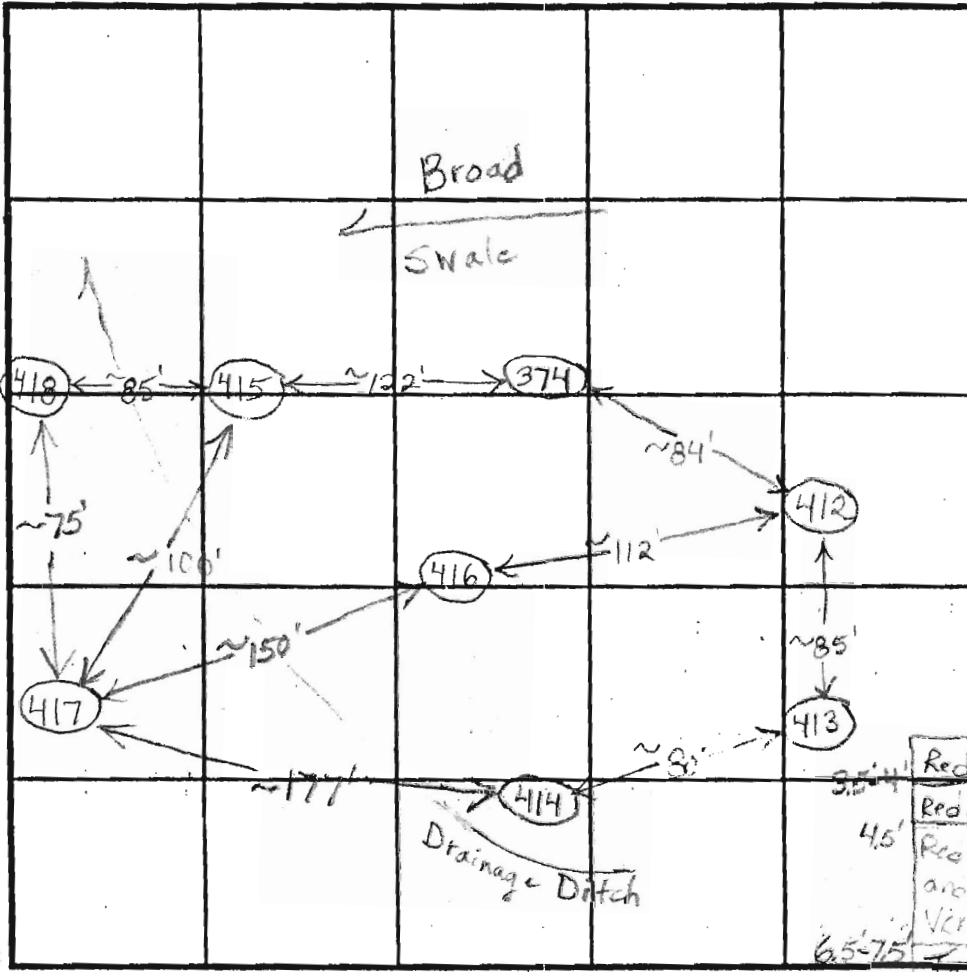
0' (415)
 Brown Loam / Clay loam 3'-4'
 Red Br Loom 5'
 Loamy 7.5'
 Caving Mottling Water 11'

(418)

Red Br Heavy Loam Water Seeping In at 2.5' 3'-4'
 Or Br Loom 5'
 Brige Clumpy Sa Loom Less Than 10% Rock Grey Mottling Below 8' Caving at 8.5'-9' Water 11'

(417)

Red Br Heavy Loam 3'-4'
 Or Br Loom Water Seeping In At Various Locations ~15% Rock 7.5'
 Light Br Sa Loom ~15% Rock Possible Mottling Below 2.5' Water 13'



SOIL PROFILE

0' (414)
 Red Br Loom 3'
 Dens. Red Br Si Loom 4'-5'
 Or Br Si Loom and Sa Loom Very Little Rock 5.5'
 Beige Sa Loom ~15% Saprolite 12.5'

(413)

Red Br Heavy Loam 3.5'-4'
 Red Br Si Loom 4.5'
 Red Br and Or Br Si Looms and Sa Looms Very Little Rock 6.5'-7.5'
 Tan Sa Loom ~15% Saprolite 12.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/10/03	415	7' / 11" V	3:21			3:26:30	(F)
		4' 4"	4:05	~1/8" in 10 minutes			Slow
	418	11" V					(F)
	417	5' 3" / 13" V	10:04:15	10:09	10:09	10:16	7 (F)
		6' 10"	10:05	10:21:15	10:21:15	~15/16" in 3.0 min	Slow
4/30/03	(414)	5.5' / 12.5" V	3:26	3:30:10	3:30:10	3:38	~8 O.K.
		6.5'	3:18	3:19:10	3:19:10	3:21:10	(2)
	413	4' 10" / 12.5'	3:40	3:43:30	3:43:30	3:50	6 1/2 O.K.
		6' 4"	3:40:15	3:44:30	3:44:30	3:51:15	~7

REMARKS Must Stay 25' From 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 _____

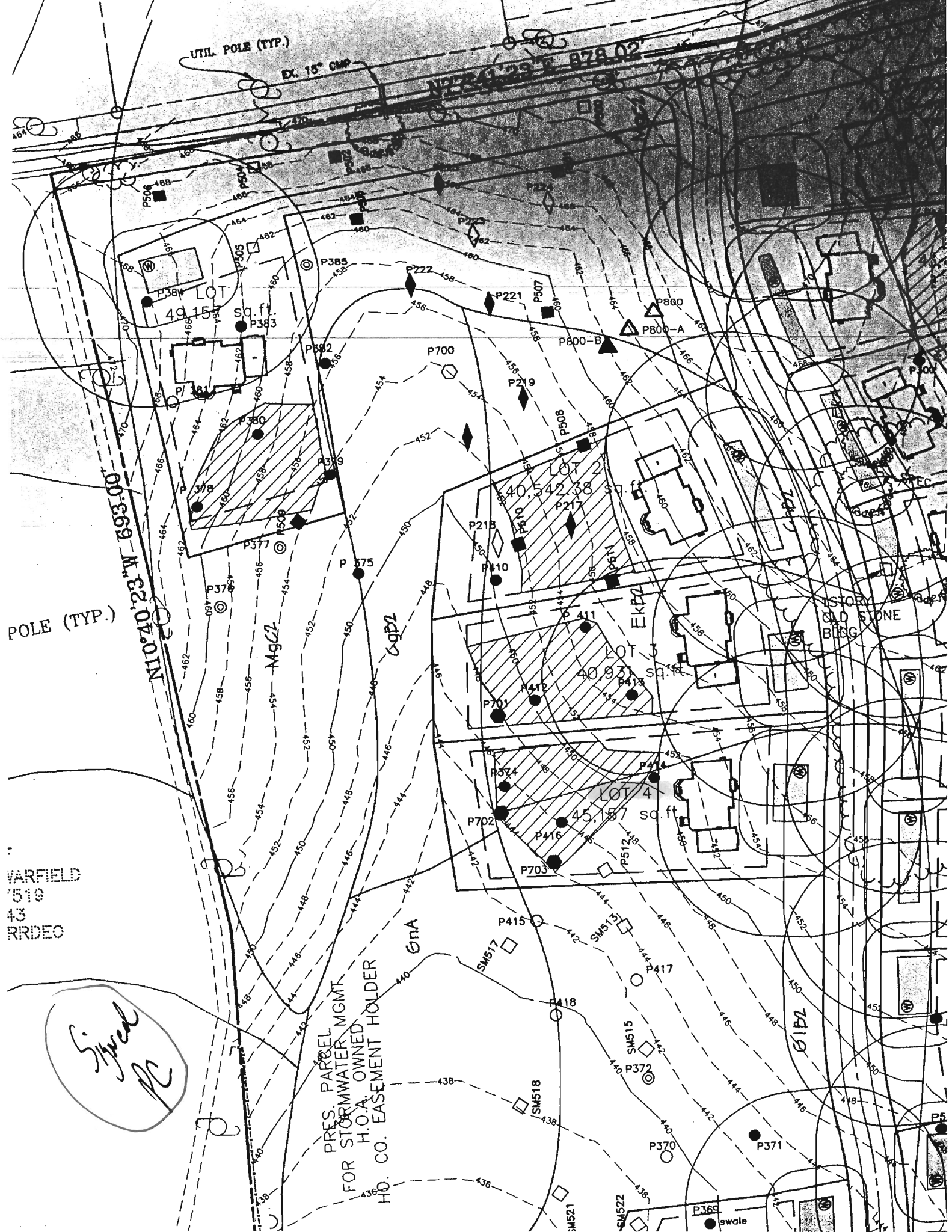
UTIL. POLE (TYP.)
EX. 15° CMP
N 24° 23' E 878.02'

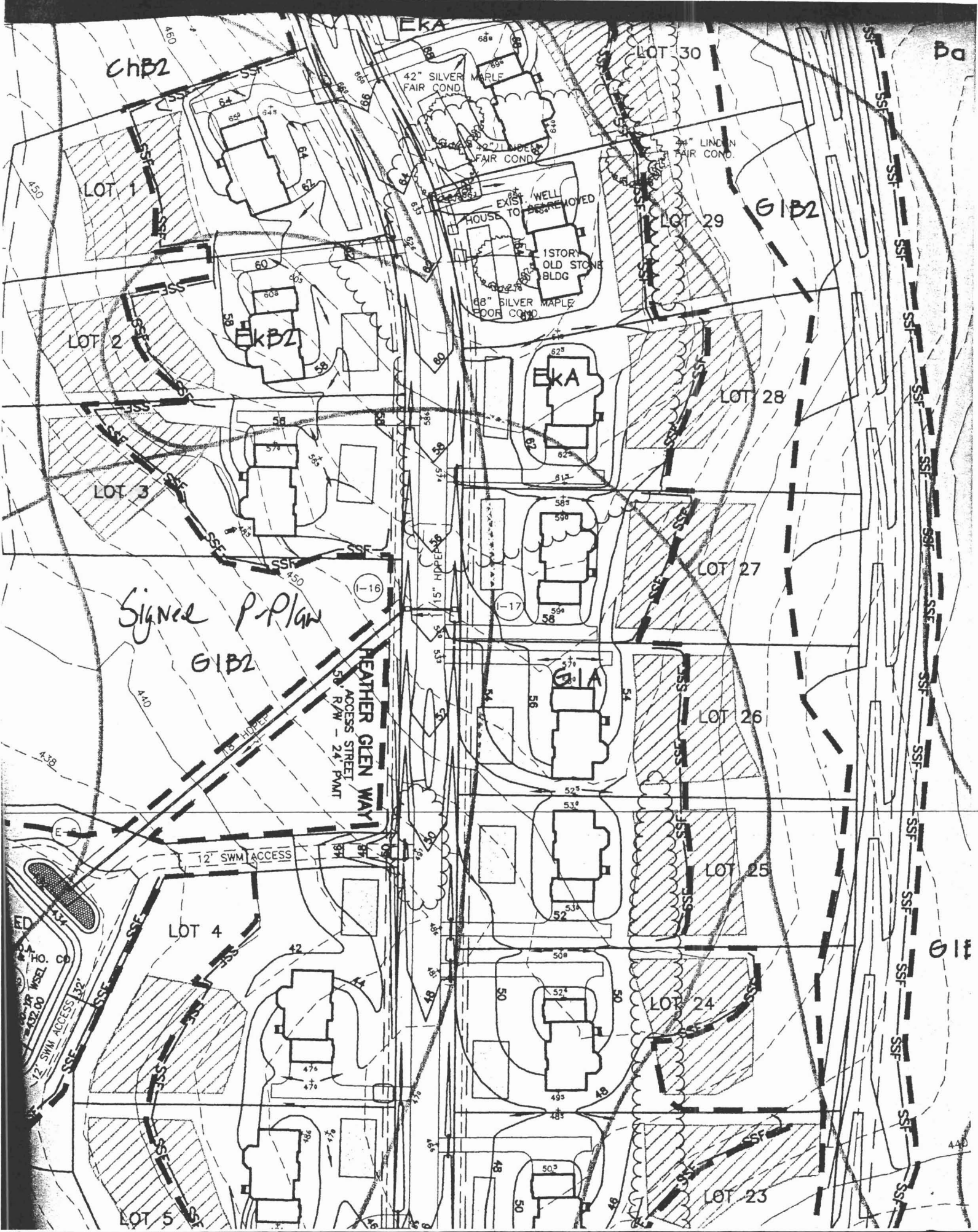
POLE (TYP.)
N 10° 40' 23" W 693.00'

WARFIELD
519
3
RR DEC

Speed PC

PRES. PARCEL MGMT.
FOR STORMWATER
H.O.A. OWNED
HO. CO. EASEMENT HOLDER





CHB2

Ba

LOT 1

LOT 30

42" SILVER MAPLE FAIR COND
92" JUBILEE FAIR COND

LOT 29

GIB2

EXIST. WELL REMOVED
HOUSE TO BE REMOVED
1STORY OLD STONE BLDG
68" SILVER MAPLE POOR COND

LOT 2

KBZ

EKA

LOT 28

LOT 3

Signal P-Plan

GIB2

HEATHER GLEN WAY
ACCESS STREET
5' R/W - 24' PMT

GIA

LOT 27

LOT 26

LOT 4

LOT 25

LOT 5

LOT 24

LOT 23

11

440

