

COUNTY #

SOIL PROFILE

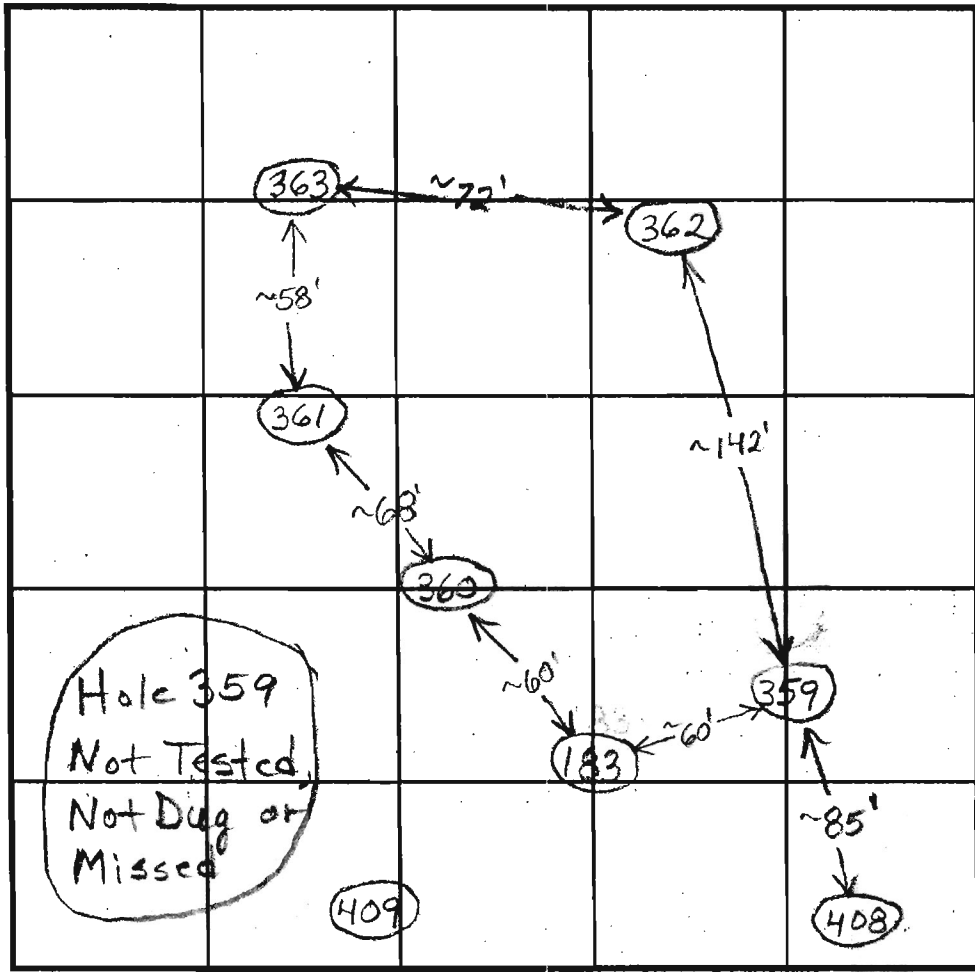
0' 361  
 DK Brown Topsoil 6"  
 DK Brown Loam 11"  
 Lt Brown Tan Siloam 4 1/2"  
 Lt Brown Siloam 8"  
 Tan Loamy Sand L590 Quartz Saprophyte 4"

360  
 DK Brown Topsoil 8"  
 DK Brown Loam 11"  
 Lt Brown Tan Siloam 10"  
 Tan Loamy Sand L590 Quartz Saprophyte 14"

362  
 DK Brown Topsoil 7"  
 DK Brown Loam 14"  
 Red Brown Clay Loam 22"  
 Lt Brown Siloam 7"  
 Tan Loamy Sand L590 Quartz Saprophyte 14"

SOIL PROFILE

0' 183  
 DK Brown Topsoil 6"  
 DK Brown Loam 1 1/2"  
 Lt Brown Siloam 3'  
 Tan Loamy Sand L590 Quartz Saprophyte 14"  
 409  
 DK Brown Topsoil 7"  
 Brown Loam 1 1/2"  
 Or/Brown Siloam 5"  
 Brown Siloam 9' 1/2"  
 Caving 7 1/2"  
 Water 9 1/2"



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	361	40'	10:07	10:10	10:10	10:14	4min	O.K.
4/29/03	360	4.0'	10:26	10:31	10:31	10:39	8min	O.K.
4/29/03	362	40'	10:51	10:55	10:55	11:00	5min	O.K.
4/29/03	183	30'	11:20	11:22	11:22	11:24	2min	O.K.
4/29/03	409	4.0'	12:42	1:12	(Stopped 30 mins into test 1st inch)		2 min	(F)
			Water 9.5', Caving 8'		7 1/2	10 mins into test		

REMARKS 409 Not Staked, Clark Sperry Staked On Site,  
 TYPE OF SOIL 409 Should be Field Located  
 TESTED BY F. Alfonso ALSO PRESENT \_\_\_\_\_  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

COUNTY #

SOIL PROFILE

(532)

Red Br Heavy Loam 2'

Red Br Loam 3'-4'

Beige Sa Loam

~25% Saprolite

Water 9.5'

(533)

Red Br Heavy Loam 2-3.5'

Red Br and Or Br Loam 4'

Tan Sa Loam

~15% Rock and Saprolite

(530)

Red Br Heavy Loam 2.5-3'

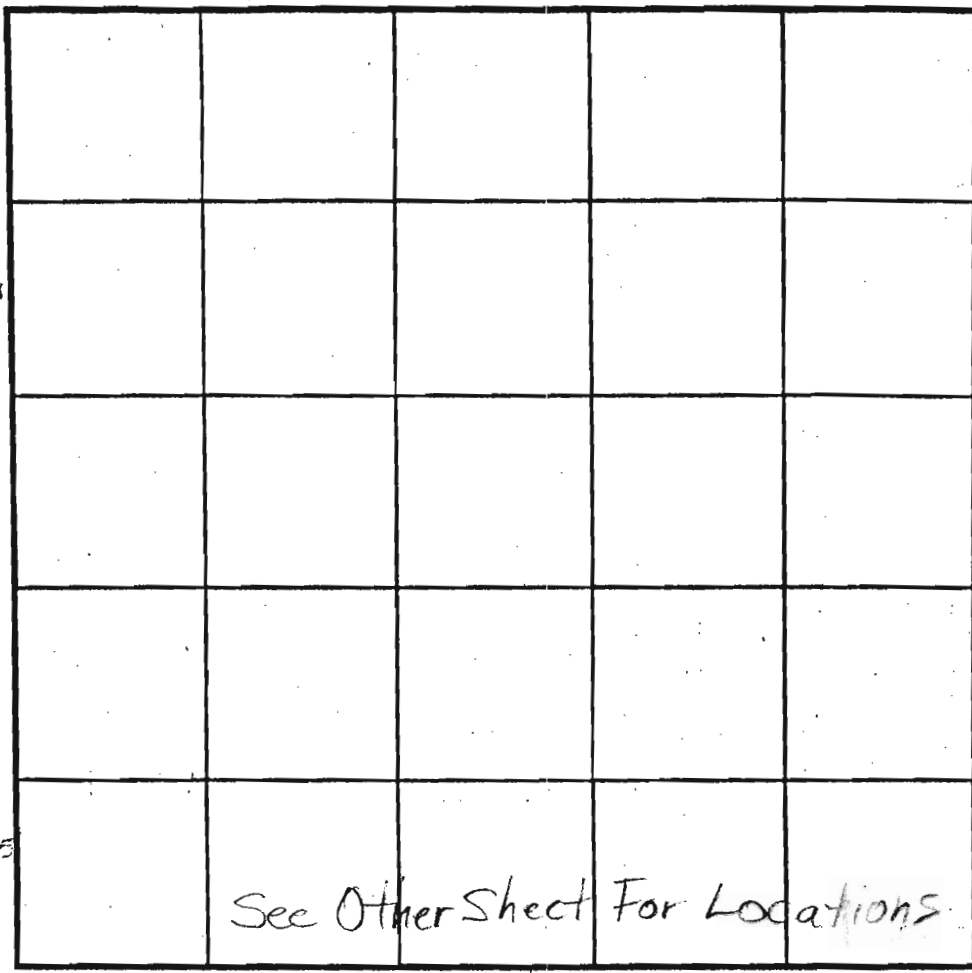
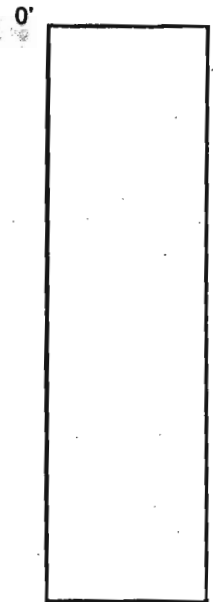
Si Loam and Si Cl Loam

Mixture of Si Cl Loam, Si Loam and Mostly Sa Loam 4.5'

Very Little Rock 7'

Tan Sa Loam 15-20% Rock 12.5'

SOIL PROFILE



See Other Sheet For Locations

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1/9/04	532	4' / 9.5'	12:44:30	12:47:30	12:47:30	12:52:30	5	Marg
		6.5'	12:44:30	12:49:30	12:49:30	12:50	9 1/2	
	533	4' / 3.5'	1:04:15	1:06:30	1:06:30	1:11	4 1/2	O.K.
		6.5'	1:04:30	1:06:45	1:06:45	1:11:15	4 1/2	
	530	5' / 2.5'	1:21:30	1:28:30	1:28:30	1:42	13 1/2	O.K.
		7'	1:21:30	1:24:15	1:24:15	1:29	5	

REMARKS 532 O.K. For Shallow System Only

TYPE OF SOIL \_\_\_\_\_

TESTED BY B. Baker ALSO PRESENT C. Sperry

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

COUNTY #

SOIL PROFILE

470

Red Br. Loam

3' 3.5'

Red Br. Si Loam and Beige Sa Loam

~15% Rock

5.5'

Very Fine Tan Sa Loam  
15-20% Saprolite

11"

Caving Water

11.5'

408

Dark Brown Topsoil

6"

Brown Loam

1'

Light Brown Si Loam

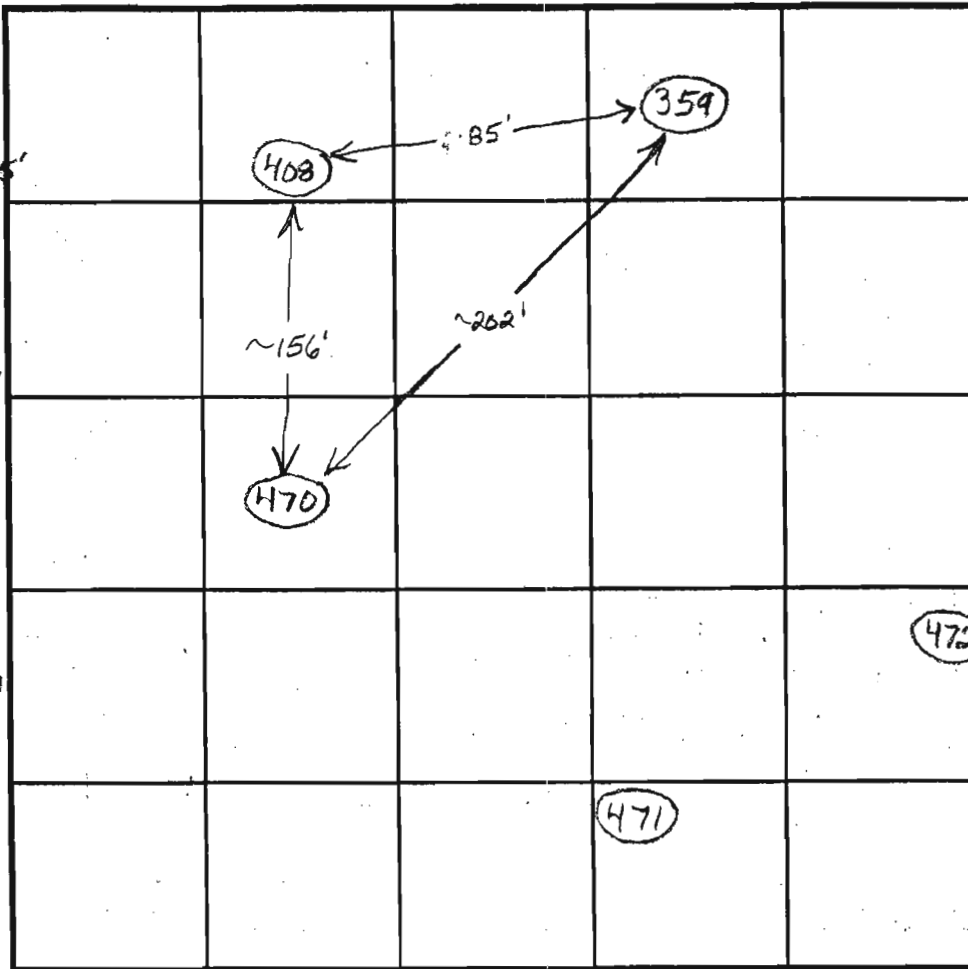
4'

Tan Brown Loamy Silty

≤ 5% Clayey

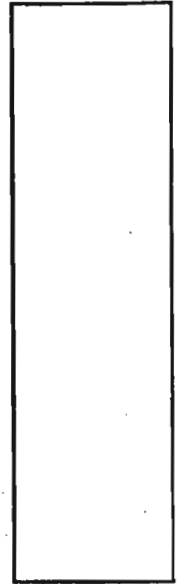
Mica fragments

1/2'



SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/28/03	470	4' / 13V	12:57	1:03:30	1:03:30	1:18	14 1/2	O.K.
		7'	12:57	1:01:30	1:01:30	1:08:30	7	
4/29/03	408	3.0'	1:36	1:38	1:38	1:41	3min	O.K.

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY F. Alfonso/B. Baker ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

Revised  
Percent  
02/07

MATCH LINE SEE SHEET 1

3.750  
ChB2

Ba

LOT 9  
46,474 S.F.

MgC3

LOT 10  
46,129 S.F.

LOT 8  
43,407 S.F.

SPR  
NORTH

CL. STREAM

MgC3

LOT 11  
43,027 S.F.

9

GROVEWOOD COURT

EKC2

EKB2

LOT 12  
40,815 S.F.

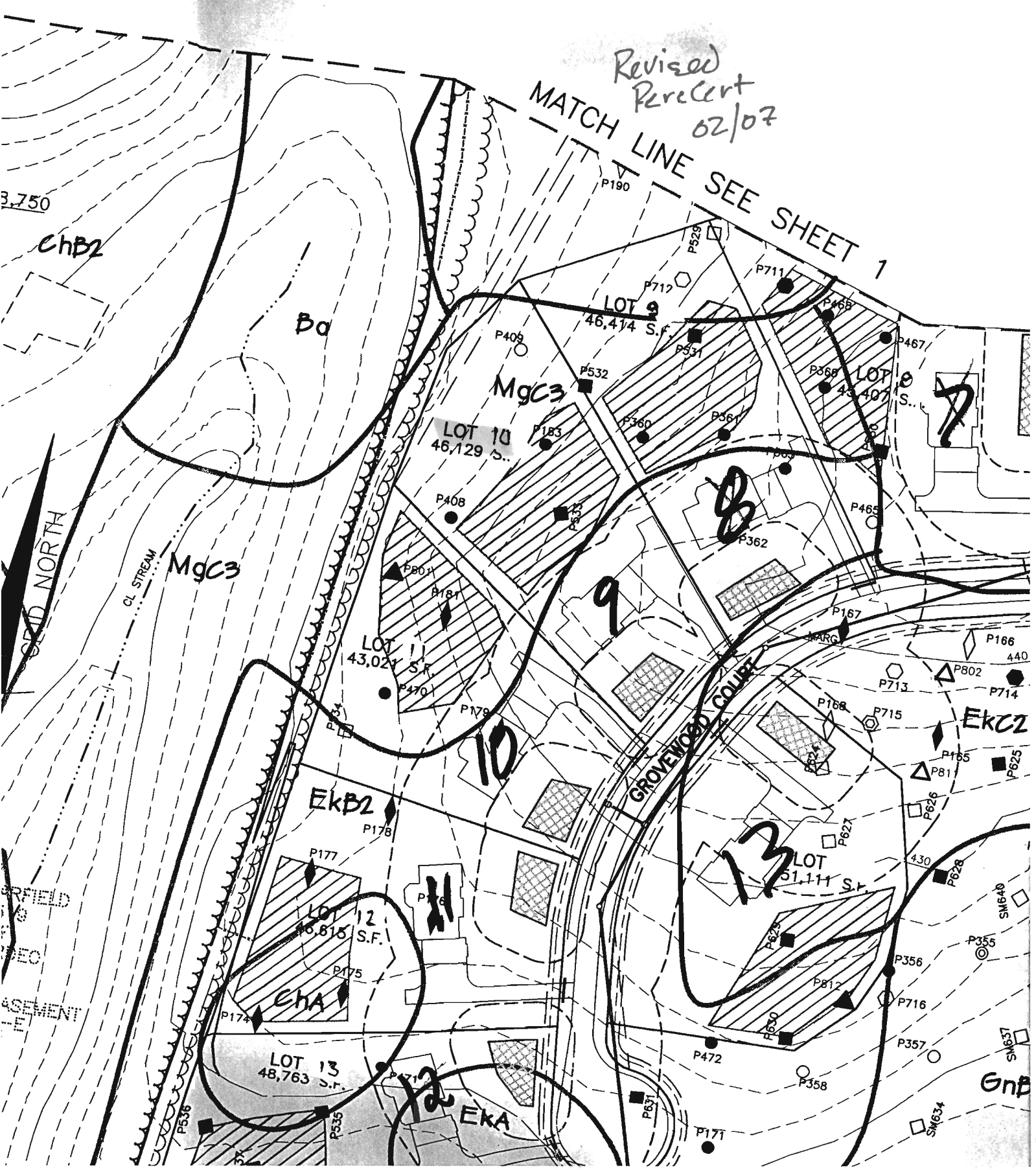
LOT 13  
48,763 S.F.

EKA

EKA

GNB

SPR  
FIELD  
MED  
C  
LEMENT



SEE SHEET 1

8.750

Ehb2

Ba

Approved revised  
Per Cert plan  
12-28-07

MqC3

LOT 9  
46,414 S.F.

LOT 8  
45,407 S.F.

LOT 10  
46,129 S.F.

LOT 11  
43,129 S.F.

LOT 14  
51,111 S.F.

Ekb2

LOT 12  
38,515 S.F.

LOT 13  
48,763 S.F.

Eka

Ekb2

SEAD NORTH

CL. STREAM

MqC3

CROWNWOOD COURT

N/E  
JEAN N. WARFIELD  
2623/5/6  
P. 43  
ZONED: RRDEC

AGRICULTURAL ZONEMENT  
HO-91

MqC3

Enb2

BLACK CHIN COND

PRES  
HOWARD  
HOMEOWNERS  
Le  
Recon  
future  
site  
HO-95



MATCH LINE SEE

SHEET 8

Signed PC

P333

GRID NORTH

Pa

Pa

MATCH LINE SEE

SEE

LOT 9 P712  
49,074 sq. ft.

LOT 10  
49,940 sq. ft.

LOT 8  
46,075 sq. ft.

LOT 11  
49,842 sq. ft.

LOT 12  
49,518 sq. ft.

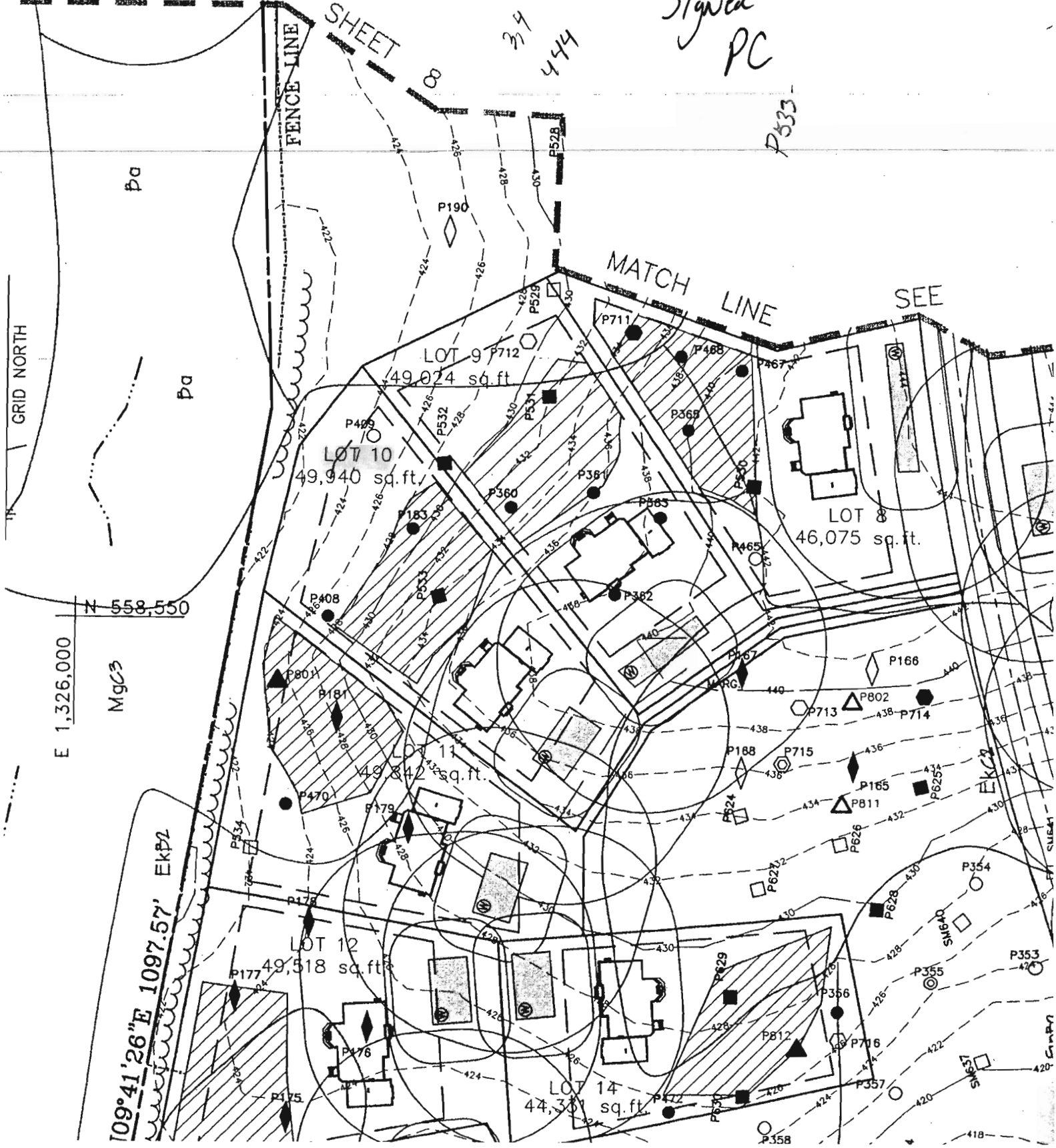
LOT 14  
44,351 sq. ft.

N 558.550

E 1,326,000

Mgc3

109°41'26"E 1097.57' EkP2



THE REPRESENTATIVE'S & 1/8" THE REAL PROPERTY, ANTI-EMPOWERED CODES OF MARYLAND, AND THE REPLACEMENT VALUE (AS SUPPLEMENTED) AS FAR AS THE RELATE TO THE MARIANO COMPARED WITH THE TERMS OF MARIANO HAVE BEEN COMPLETED WITH.

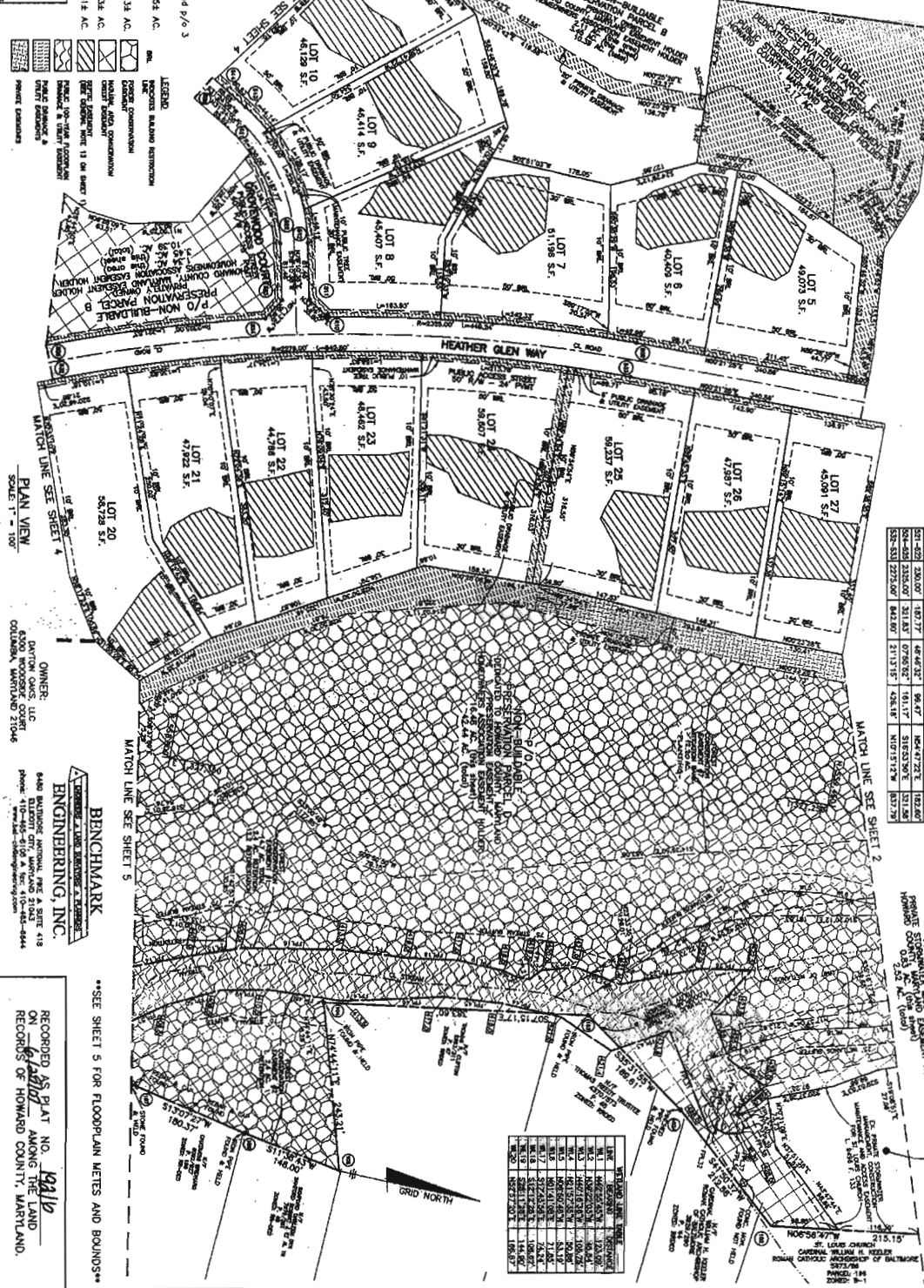
**Donald M. Mason** 5/16/07  
 REGISTERED PROFESSIONAL LAND SURVEYOR  
 MARYLAND NO. 21320  
 DATE: 5/16/07  
 DATON OAKS, LLC

SEARCHED, EXAMINED, AND INDEXED  
 RECORDS SECTION  
 DATE: 5/16/07  
 BY: [Signature]  
 TITLE: [Signature]  
 MARYLAND NO. 21320  
 DATE: 5/16/07

**AREA TABULATION CHART - THIS PLAT**  
 TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED: 14  
 BUILDABLE: 14  
 NON-BUILDABLE PRESERVATION PARCELS: 0  
 NON-BUILDABLE BULK PARCELS: 0  
 TOTAL AREA OF LOTS AND/OR PARCELS TO BE RECORDED: 18,854 AC.  
 BUILDABLE: 18,854 AC.  
 OPEN SPACE: N/A  
 NON-BUILDABLE PRESERVATION PARCELS: N/A  
 NON-BUILDABLE BULK PARCELS: N/A  
 TOTAL (INCLUDING MARIANO STRIPS): 1,732 AC.  
 TOTAL AREA OF SUBDIVISION TO BE RECORDED: 40,516 AC.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 HOWARD COUNTY HEALTH SERVICES  
 DATE: 6/15/07

APPROVED: AND ZONING  
 HOWARD COUNTY DEPARTMENT OF PLANNING  
 CHIEF DEVELOPER ENGINEERING DIVISION  
 DATE: 6/28/07



**CURVE DATA TABLE**

CURVE NO.	NAME	ARC	AREA	PERCENT	CHORD	CHORD BEARING	CHORD LENGTH
1	1	100.00'	1570.80	8.29%	197.99'	S 89° 57' 52" W	197.99'
2	2	100.00'	1570.80	8.29%	197.99'	N 89° 57' 52" E	197.99'
3	3	100.00'	1570.80	8.29%	197.99'	S 89° 57' 52" W	197.99'
4	4	100.00'	1570.80	8.29%	197.99'	N 89° 57' 52" E	197.99'
5	5	100.00'	1570.80	8.29%	197.99'	S 89° 57' 52" W	197.99'
6	6	100.00'	1570.80	8.29%	197.99'	N 89° 57' 52" E	197.99'
7	7	100.00'	1570.80	8.29%	197.99'	S 89° 57' 52" W	197.99'
8	8	100.00'	1570.80	8.29%	197.99'	N 89° 57' 52" E	197.99'
9	9	100.00'	1570.80	8.29%	197.99'	S 89° 57' 52" W	197.99'
10	10	100.00'	1570.80	8.29%	197.99'	N 89° 57' 52" E	197.99'
11	11	100.00'	1570.80	8.29%	197.99'	S 89° 57' 52" W	197.99'
12	12	100.00'	1570.80	8.29%	197.99'	N 89° 57' 52" E	197.99'
13	13	100.00'	1570.80	8.29%	197.99'	S 89° 57' 52" W	197.99'
14	14	100.00'	1570.80	8.29%	197.99'	N 89° 57' 52" E	197.99'
15	15	100.00'	1570.80	8.29%	197.99'	S 89° 57' 52" W	197.99'
16	16	100.00'	1570.80	8.29%	197.99'	N 89° 57' 52" E	197.99'
17	17	100.00'	1570.80	8.29%	197.99'	S 89° 57' 52" W	197.99'
18	18	100.00'	1570.80	8.29%	197.99'	N 89° 57' 52" E	197.99'
19	19	100.00'	1570.80	8.29%	197.99'	S 89° 57' 52" W	197.99'
20	20	100.00'	1570.80	8.29%	197.99'	N 89° 57' 52" E	197.99'
21	21	100.00'	1570.80	8.29%	197.99'	S 89° 57' 52" W	197.99'
22	22	100.00'	1570.80	8.29%	197.99'	N 89° 57' 52" E	197.99'
23	23	100.00'	1570.80	8.29%	197.99'	S 89° 57' 52" W	197.99'
24	24	100.00'	1570.80	8.29%	197.99'	N 89° 57' 52" E	197.99'
25	25	100.00'	1570.80	8.29%	197.99'	S 89° 57' 52" W	197.99'
26	26	100.00'	1570.80	8.29%	197.99'	N 89° 57' 52" E	197.99'

**OWNER'S CERTIFICATE**  
 DATON OAKS, LLC, OWNER OF THE PROPERTY SHOWN HEREON, HEREBY ADOPTS THIS PLAN OF SUBDIVISION AND IN CONNECTION WITH THE SAME, HEREBY CERTIFIES THAT THE INFORMATION SHOWN HEREON IS CORRECT, THAT IT IS ALL OF THE LAND ACQUIRED BY DATON OAKS, LLC, AND THAT THE SAME IS BEING SUBDIVIDED INTO THE LOTS AND PARCELS SHOWN ON THIS PLAN OF SUBDIVISION IN ACCORDANCE WITH THE PROVISIONS OF THE MARIANO CODE OF MARYLAND, AS AMENDED.

**STRAYERS CERTIFICATE**  
 I, HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE INFORMATION SHOWN HEREON IS CORRECT, THAT IT IS ALL OF THE LAND ACQUIRED BY DATON OAKS, LLC, AND THAT THE SAME IS BEING SUBDIVIDED INTO THE LOTS AND PARCELS SHOWN ON THIS PLAN OF SUBDIVISION IN ACCORDANCE WITH THE PROVISIONS OF THE MARIANO CODE OF MARYLAND, AS AMENDED.

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**THE PRESERVE AT CLARKSVILLE**  
 LOTS 1-32  
 BUILDABLE PRESERVATION PARCEL 'A'  
 NON-BUILDABLE PRESERVATION PARCELS 'B'-'G'  
 NON-BUILDABLE BULK PARCELS 'H'-'J'

APPROVED: AND ZONING  
 HOWARD COUNTY DEPARTMENT OF PLANNING  
 CHIEF DEVELOPER ENGINEERING DIVISION  
 DATE: 6/28/07

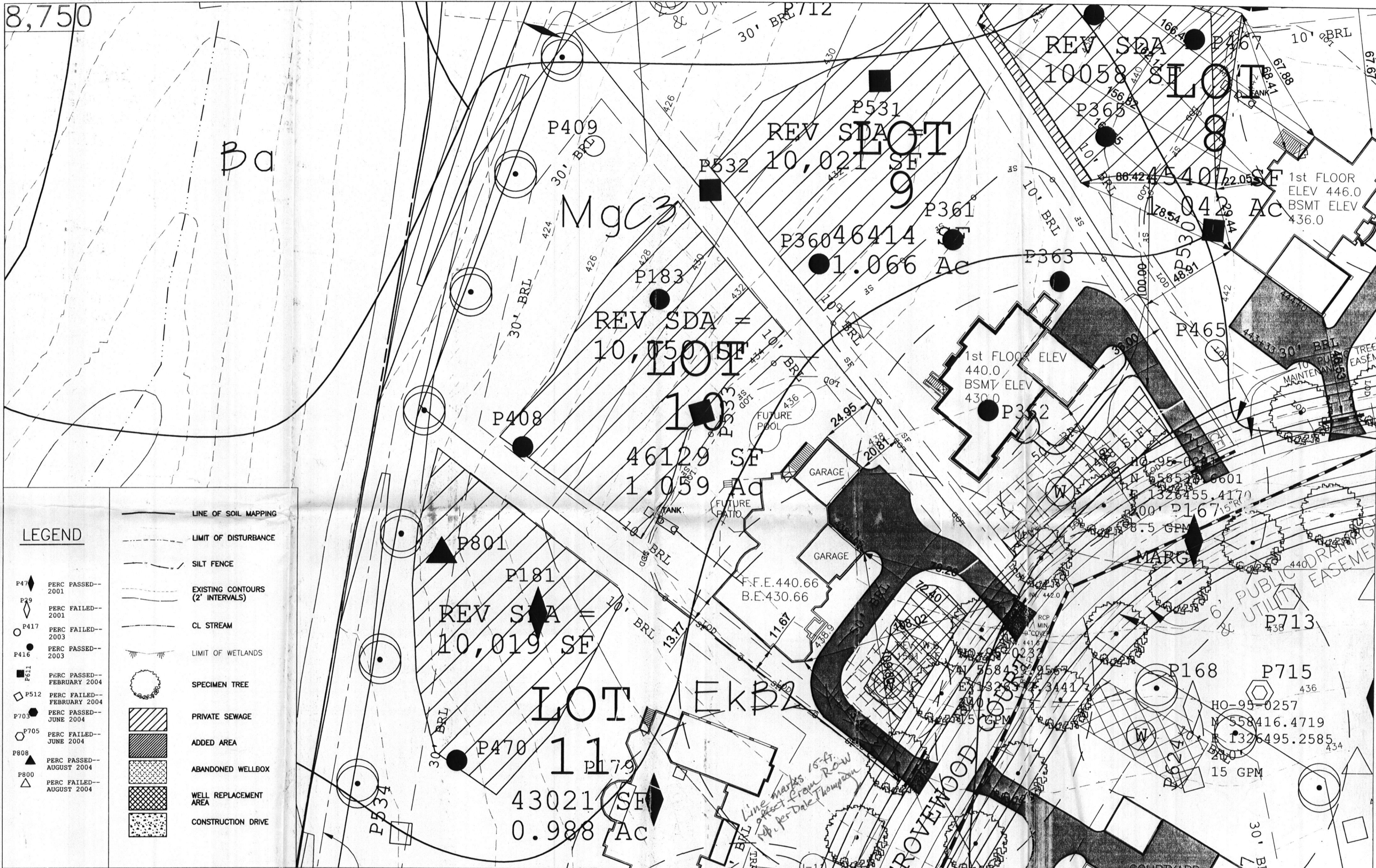
APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 HOWARD COUNTY HEALTH SERVICES  
 DATE: 6/15/07

APPROVED: AND ZONING  
 HOWARD COUNTY DEPARTMENT OF PLANNING  
 CHIEF DEVELOPER ENGINEERING DIVISION  
 DATE: 6/28/07

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 HOWARD COUNTY HEALTH SERVICES  
 DATE: 6/15/07

RECORDED AS PLAT NO. 19116  
 ON 6/21/07 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

8,750



LEGEND

- P47 PERC PASSED-- 2001
  - P39 PERC FAILED-- 2001
  - P417 PERC FAILED-- 2003
  - P416 PERC PASSED-- 2003
  - P611 PERC PASSED-- FEBRUARY 2004
  - P512 PERC FAILED-- FEBRUARY 2004
  - P703 PERC PASSED-- JUNE 2004
  - P705 PERC FAILED-- JUNE 2004
  - P808 PERC PASSED-- AUGUST 2004
  - P800 PERC FAILED-- AUGUST 2004
- LINE OF SOIL MAPPING
  - LIMIT OF DISTURBANCE
  - SILT FENCE
  - EXISTING CONTOURS (2' INTERVALS)
  - CL STREAM
  - LIMIT OF WETLANDS
  - SPECIMEN TREE
  - PRIVATE SEWAGE
  - ADDED AREA
  - ABANDONED WELLBOX
  - WELL REPLACEMENT AREA
  - CONSTRUCTION DRIVE

GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET 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 SEWERAGE IS AVAILABLE. THESE AREAS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA RECORDATION OF MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
2. THIS AREA IS ABANDONED AS PER PREVIOUSLY REVISED AND APPROVED PERC. CERT. PLAN.
3. TOPOGRAPHY SHOWN IS TWO-FOOT CONTOUR INTERVALS AND HAS BEEN FIELD VERIFIED OR FIELD RUN.
4. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
5. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WITHIN 200' DOWNGRADIENT OF EXISTING OR PROPOSED SEPTIC OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN USING ALL REASONABLE EFFORTS.
6. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT # 19214 ET. SEQ. REFER TO PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS, ANY RESTRICTIONS, AND PROVISIONS.
7. THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY A PROFESSIONAL LAND SURVEYOR AND ARE ACCURATELY SHOWN.

SITE SPECIFIC NOTES

1. ALL DRIVEWAY CULVERTS ARE TO BE 15" RCP OR HDPE WITH MINIMUM 9" COVER
2. ANY WELL DRILLED WITHIN 10' OF DRIVEWAY TO BE PROTECTED WITH TWO BOLLARDS.
3. PAVING SPECIFICATIONS: 2" ASPHALT OVER 4" CR-6 OR 2.5" ASPHALT OVER 1.5" OVERLAY

PROPOSED ELEVATIONS:

TOP OF BASEMENT SLAB:	430.66	GRADE AT HOUSE INVERT:	437.0
TOP OF FOUNDATION WALL:	439.48	GRADE AT SEPTIC TANK:	434.5
TOP OF FIRST SUBFLOOR:	440.66	GRADE AT DISTRIBUTION BOX:	434.0
		GRADE AT TRENCHES:	434.0
INVERT OUT OF HOUSE:	435.0		
INVERT INTO TANK:	433.0		
INVERT OUT OF TANK:	432.5		
INVERT INTO DISTRIBUTION BOX:	432.0		

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY.

*Peter Belenson* 6/7/2012  
 Peter Belenson, M.D., M.P.H.  
 HOWARD COUNTY HEALTH OFFICER

I certify that the information shown hereon is based on field work performed under my direct supervision and is correct, to the best of my knowledge and belief.

*Dale Thompson* 17 May 2012  
 Dale Thompson  
 DATE

SEPTIC DESIGN PARAMETERS:

1st Floor Sq. Ft.	2845 sq. ft.
2nd Floor Sq. Ft.	3470 sq. ft.
Basement Sq. Ft.	2845 sq. ft.
Number of Bedrooms	6

TAGGED WELL DATA

TAG NUMBER:	HO-95-0232
NORTHING:	558439.9567
EASTING:	1326372.3441
WELL YIELD:	15 GPM
WELL DEPTH:	240'

OWNER: Patel  
 BUILDER: Compass Homes  
 6206 Heather Glen Way  
 Clarksville, MD 21029

SCALE: 1:30  
 DATE: 4/6/12

PROJECT NAME:  
 Patel Residence  
 PC-10  
 PRESERVE @ CLARKSVILLE  
 CLARKSVILLE  
 HOWARD COUNTY  
 MARYLAND

TITLE:  
 PLOT PLAN LOT #10  
 12610 Grovewood Court  
 Clarksville, Maryland 21029

PURPOSE:  
 CONSTRUCTION OF NEW SINGLE FAMILY DETACHED DWELLING AND REVISED WELL BOX TO ALLOW FOR DWELLING LOCATION AS SHOWN

