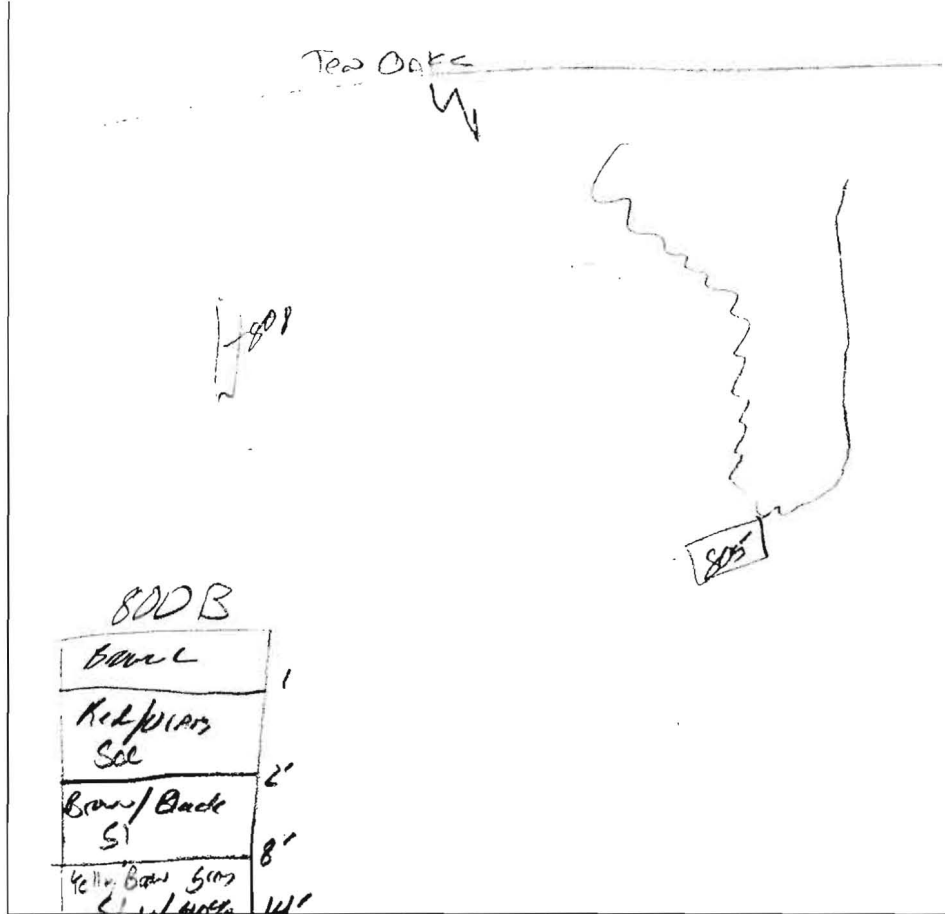


807
Brown/L 1 1/2'
Red/Brown Sil 2 1/2'
Orange/Brown Sil 6'
White/Orange Sil 7'
Red/Brown Sil 3'
Brown/Orange Sil - moist - 15 1/2'

806
Brown L 1'
Red/Orange Sil 3 1/2'
Yellow/Brown Sil w/ 15% Rock 15'

800
Brown L 1'
Red/Orange Brown Sil 4'
Yellow/grey Sil w/ 150% platy greiss 11'



Brown L 1'
Yellow/Brown micaceous Sil 2 1/2'
Yellow/Brown micaceous Sil 10 1/2'
water 13 1/2'

805
Brown L 1'
Brown/Red Orange micaceous Sil 2 1/2'
Yellow/Brown Sil w/ trace Rock 11'

800A
Brown L 1'
Red/Brown Orange Sil 4 1/2'
Brown/grey Yellow/Brown greiss 150% platy 11'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
8/30/14	807	8' / 15 1/2'	8:40	8:52	9:00	16min	P
	806	6 1/2' / 15'	9:27	9:30	9:35	5min	P
	800	4' / 10'	9:49	- Polled	10:23		F
	808	4' / 13 1/2'	10:03	10:05	10:08	3min	P
	805	3 1/2' / 14'	10:14	10:16	10:19	3min	P
	800B	4 1/2' / 14'	1:06	1:09	1:12	3min	P
	800A	- Visual					F

REMARKS *800A - 45' class II*
 All holes dig per plan - 800 - no distance between hole +
 SANITARIAN *KJB, PP* BACKHOE *Donnie* OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

COUNTY #

SOIL PROFILE

0' (422)
 Red Br Heavy Loam 3.5'-4'
 Or Br Si Loam and Tan Sa Loam, Very Little Rock, Sp is Dense 7.5'-8.5'
 Tan Sa Loam 15-20% Saprolite 14.5'

(423)

Red Br Loam and Topsoil 3'

Or Br and Red Br Si Loams and Sa Loams ~10% Rock 8'-9'

Red Br Very Fine Sa Loam Very Little Rock No Obvious Mottling 11'

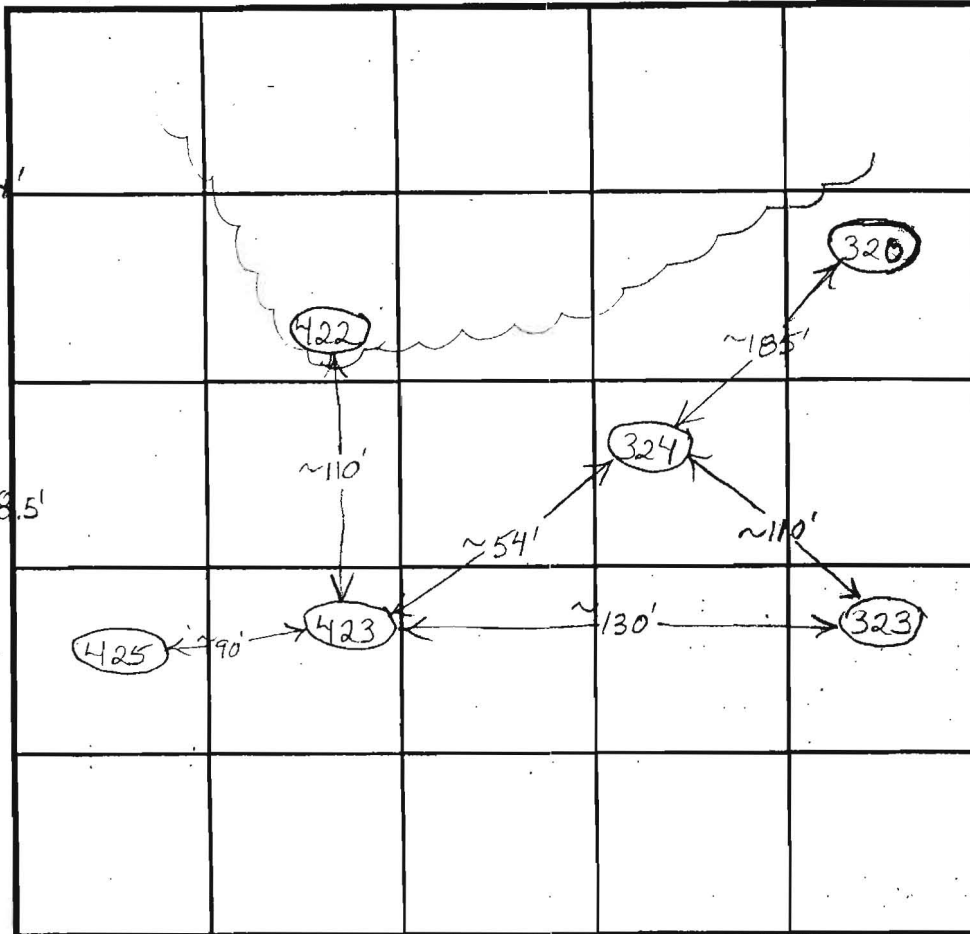
Water seepage / Caving Water 12.5'

(324)

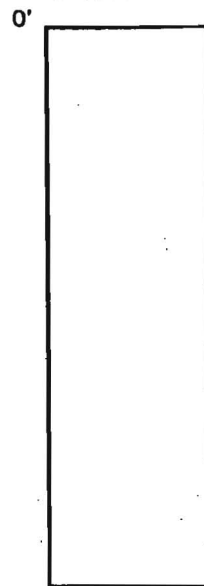
Topsoil 4"
Br Loam 8"

Red Si C1 Loam 6'

Br Si Loam ~5% Rock 13'



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/18/03	422	6' / 14.5'	3:41:30	3:45:45	3:45:45	3:52:30	~7 (F)
		8'	3:41:30	~15/16" in 30 minutes			Slow
		Tested in Si Loam, Fragipan?					
	423	4' / 12.5'	3:04:30	3:10:30	3:10:30	3:21	10 1/2 O.K.
		7' 9"	3:10:30	3:17:30	3:17:30	3:30	12 1/2
5/6/03	324	7' / 13'	3:23	3:32	3:32	3:43	11 O.K.

REMARKS _____

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

319

Or Br Loam and Topsoil

Tan Sa Loam

~10% Rock and Saprolite

Mottling Not Obvious

Caving Water

320

Red Br Loam

Red Br Si Loam

Turning To a Red Br Sa Loam

~15% Rock and Saprolite

Damp Below 12'

322

Red Br Heavy Loam

Or Br Sa Loam and Red Br Si Loam

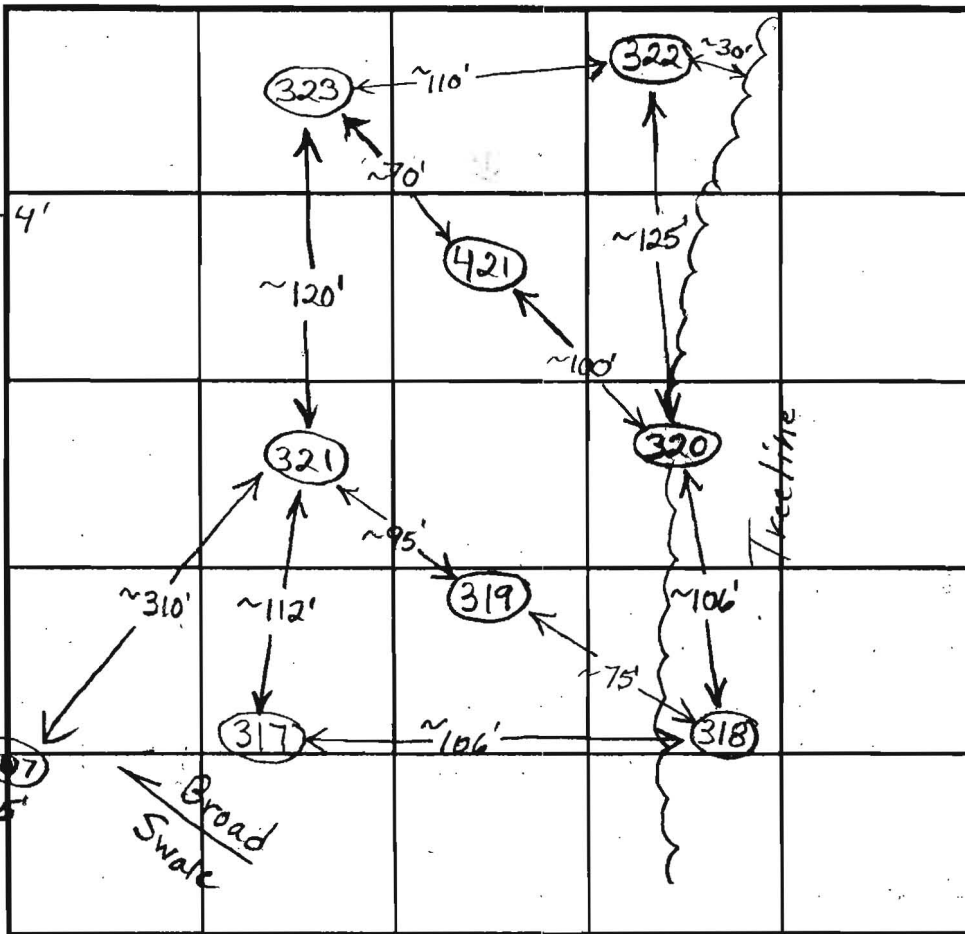
Or Br Si Loam and Tan Sa Loam

~10% Rock

Tan Sa Loam

~15% Rock and Saprolite

Moist Near Bottom



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			
4/17/03	319	4' / 11.5' V	1:57:30	2:04	2:04	2:12	8	O.K.	
		7'	1:58	2:00:30	2:00:30	2:05	4 1/2		
	320	3'10" / 14' V	2:21	2:27:30	2:27:30	2:37:30	10	O.K.	
		7.5'	2:20	2:22	2:22	2:24:45	~3		
	322	5'4" / 13.5' V	2:55	3:10:30	3:10:30	3:35:30	25	O.K.	
		7'	2:55:30	3:03	3:03	3:15:30	12 1/2		
	421	5' / 12.5' V	3:20:30	3:25	3:25	3:31	6	O.K.	
		7.5'	3:20	3:23	3:23	3:27:30	4 1/2		
	321	Caved in twice, Mottling Below 2.5', Water at 9'							(F)
	323	Water at 11', Caving at 6.5', Wet + Mottling? Below 5.5'							(F)

REMARKS

Very Micaceous

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

SOIL PROFILE

421

Red Br Loam

Or Br Loam

Beige Sa Loam

~20% Rock and Saprolite

Possible Redox Colors Below 9.5'

Wet Water

2.5'-3'

3.5'-4.5'

11.5'

12.5'

COUNTY #

SOIL PROFILE

0'
 Red Br
 Si Cl Loam
 Very Little
 Rock
 4'-5.5'
 Beige
 Sa Loam
 ~20%
 Saprolite
 Water
 13'

(618)

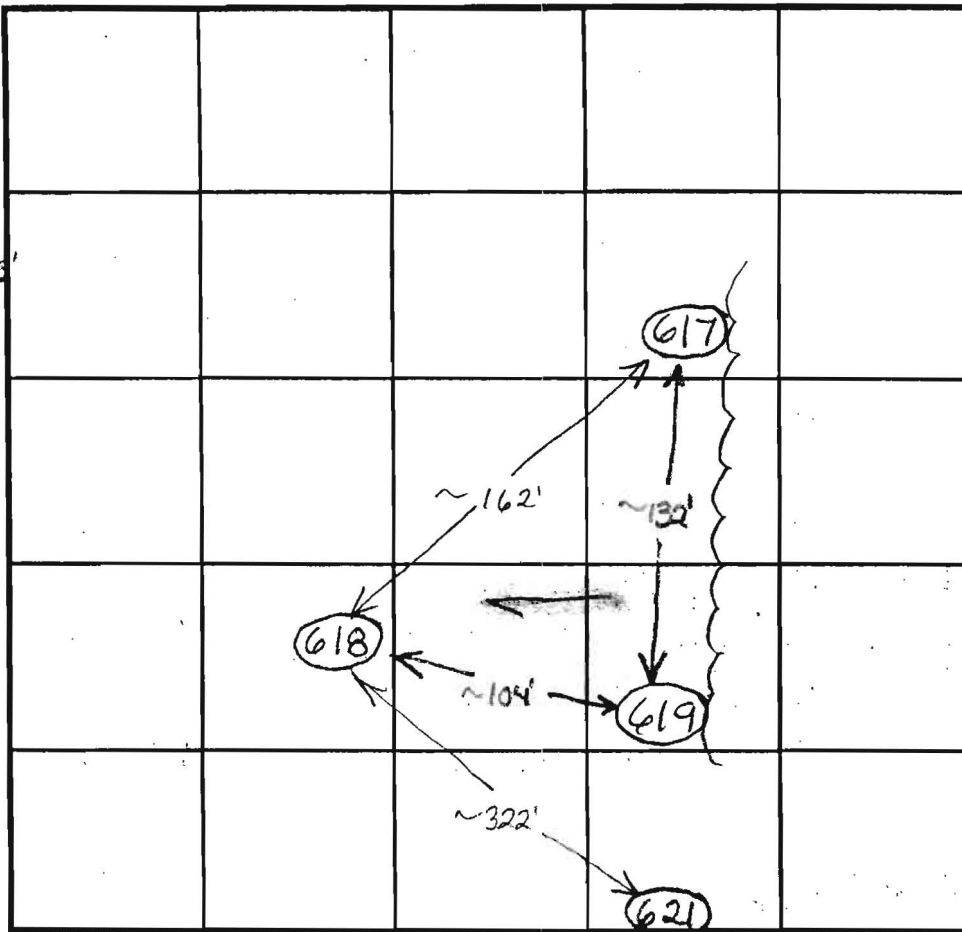
Red Br
 Loam and
 Si Cl Loam
 Very Little
 Rock
 5'
 Red Br Si
 Loam
 Very Little
 Rock
 7'
 Beige
 Sa Loam
 ~25%
 Saprolite
 Water
 8'9"

(617)

Red Br
 Heavy Loam
 4'-4.5'
 Red Br Si
 Cl Loam
 Very Little
 Rock
 5'-6'
 Beige
 Sa Loam
 ~20%
 Saprolite
 13.5'
 Water

SOIL PROFILE

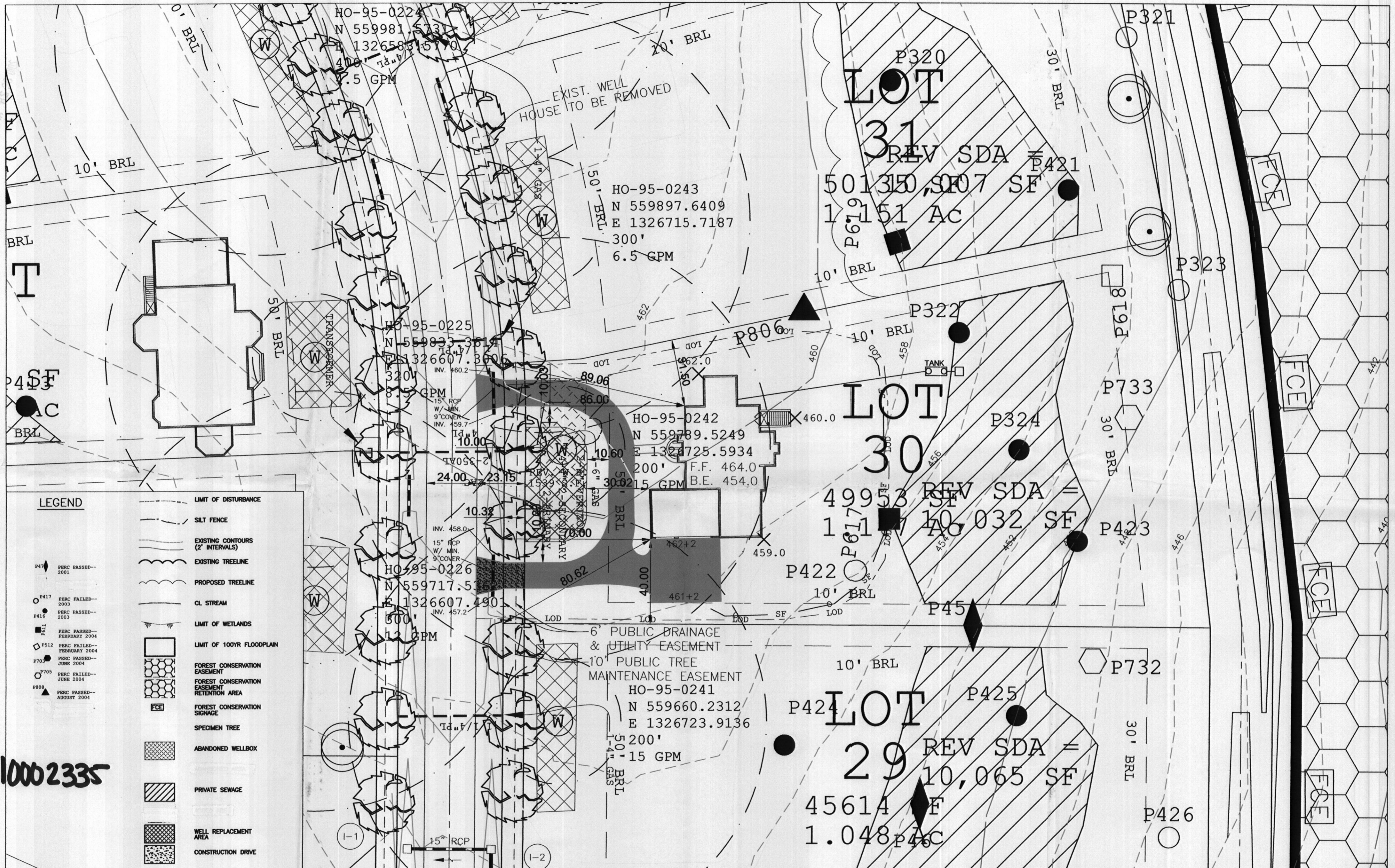
0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1/15/04	619	5' / 13' V	10:50	10:52	10:52	10:55:45	4	O.K.
		7.5'	10:50:30	10:52:30	10:53:30	10:58:45	5	
	618	5.5' / 9.5' V	11:08	11:18	11:18	11:33:30	15 1/2	(F)
		6' 9"	11:08	11:13:45	11:13:45	10:22:15	8 1/2	
		4' 8"	11:18:30	~15/16" in 30 minutes			Slow	
	617	5.3' / 13.5' V	11:40	~1/4" in 10 minutes			Slow	O.K.
		7'	11:31	11:36	11:36	11:46	10	
		5.5'	11:48	12:04	~7/8" in 30 minutes		Slow	

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 _____



LEGEND

- LIMIT OF DISTURBANCE
- SILT FENCE
- EXISTING CONTOURS (2' INTERVALS)
- EXISTING TREELINE
- PROPOSED TREELINE
- CL. STREAM
- LIMIT OF WETLANDS
- LIMIT OF 100YR FLOODPLAIN
- FOREST CONSERVATION EASEMENT
- FOREST CONSERVATION EASEMENT RETENTION AREA
- FOREST CONSERVATION SIGNAGE
- SPECIMEN TREE
- ABANDONED WELLBOX
- PRIVATE SEWAGE
- WELL REPLACEMENT AREA
- CONSTRUCTION DRIVE

B10002335

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.
4. TOPOGRAPHY SHOWN IS TWO-FOOT INTERVALS AND HAS BEEN FIELD VERIFIED OR FIELD RUN.
5. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
6. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WITHIN 200' DOWNGRADEMENT OF EXISTING OR PROPOSED SEPTIC OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN USING ALL REASONABLE EFFORTS.
7. THE LOT SHOWN HERON WAS RECORDED ON THE PLAT # 10214 ET. SEQ. REFER TO PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS, ANY RESTRICTIONS, AND PROVISIONS.
8. THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY A PROFESSIONAL LAND SURVEYOR AND ARE ACCURATELY SHOWN.
9. TESTING AND RESULTS FOR GROSS ALPHA, GROSS BETA AND VOC'S WILL BE REQUIRED PRIOR TO USE AND OCCUPANCY.

SITE SPECIFIC NOTES

1. Plot Plan Lot # 30
2. ALL DRIVEWAY CULVERTS ARE TO BE 15" RCP OR HDPE WITH MINIMUM 9" COVER
3. ANY WELL DRILLED WITHIN 10' OF DRIVEWAY TO BE PROTECTED WITH TWO BOLLARDS.
4. PAVING SPECIFICATIONS: 2" ASPHALT OVER 4" CR-6 OR 2.5" ASPHALT OVER 1.5" OVERLAY

PROPOSED ELEVATIONS:

TOP OF BASEMENT SLAB:	454.0	GRADE AT HOUSE INVERT:	460.5
TOP OF FOUNDATION WALL:	462.7	GRADE AT SEPTIC TANK:	457.0
TOP OF FIRST SUBFLOOR:	464.0	GRADE AT DISTRIBUTION BOX:	456.5
INVERT OUT OF HOUSE:	458.0	GRADE AT TRENCHES:	456.0
INVERT INTO TANK:	457.0		
INVERT OUT OF TANK:	456.7		
INVERT INTO DISTRIBUTION BOX:	456.0		

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

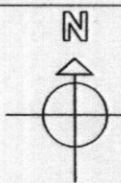
I certify that the information shown heron is based on field work performed under my direct supervision and is correct, to the best of my knowledge and belief.

SEPTIC DESIGN PARAMETERS:

1st Floor Sq. Ft.	2383 sq. ft.
2nd Floor Sq. Ft.	2098 sq. ft.
Basement Sq. Ft.	2363 sq. ft.
Number of Bedrooms	4

TAGGED WELL DATA

TAG NUMBER:	HO-95-0242
NORTHING:	559789.5249
EASTING:	1326725.5934
WELL YIELD:	15 GPM
WELL DEPTH:	200'



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

SCALE: 1:30 DATE: 9/28/10

PROJECT NAME:
Johnson Residence
PC-30
PRESERVE @ CLARKSVILLE
CLARKSVILLE
HOWARD COUNTY
MARYLAND

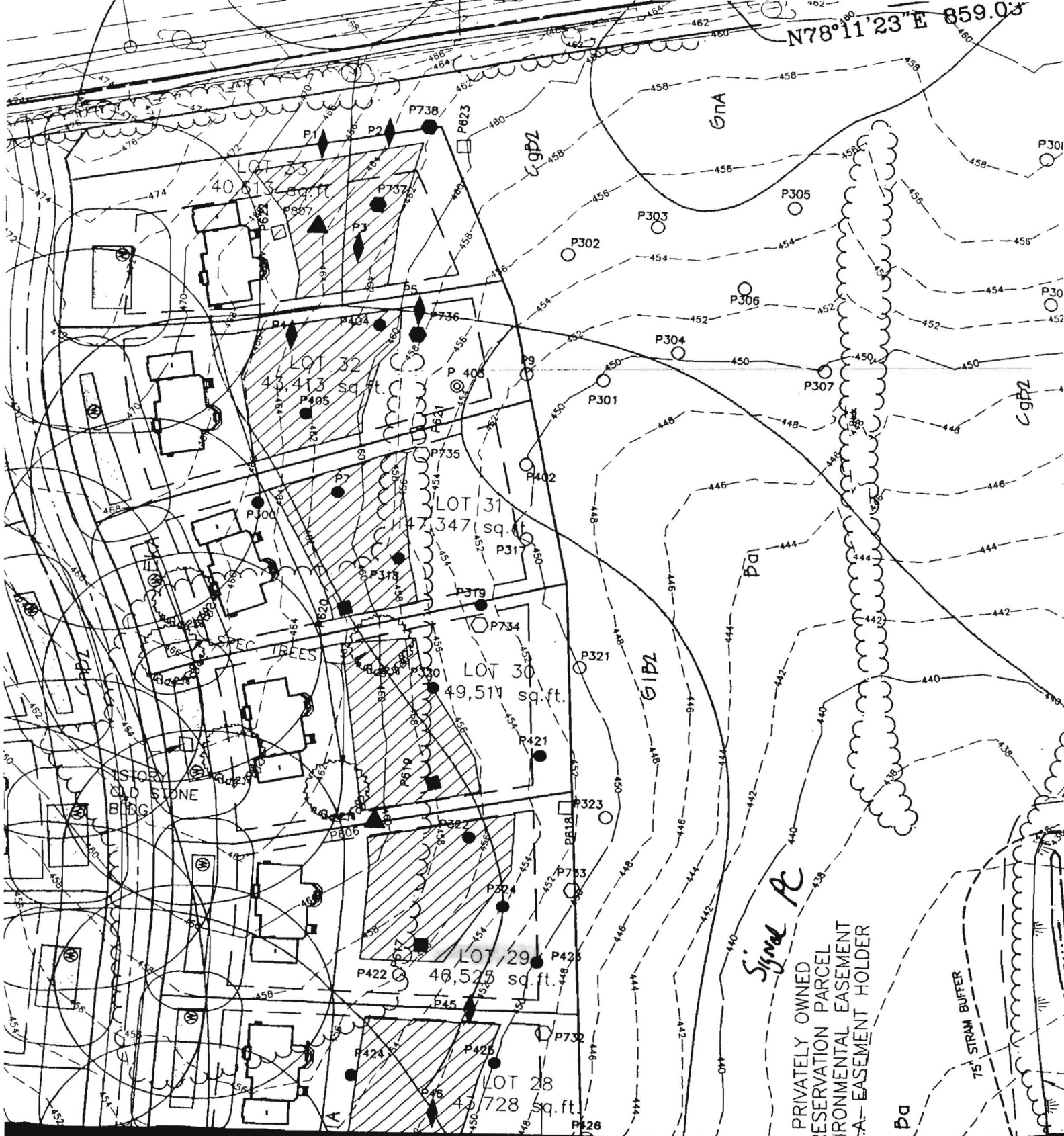
TITLE:
PLOT PLAN LOT # 30
6219 Heather Glen Way
Clarksville, Maryland 21029

PURPOSE:
CONSTRUCTION OF NEW SINGLE
FAMILY DETACHED DWELLING
AND
PERC. RE-CERTIFICATION TO
REVISE WELL BOX

Peter Belenson, M.D., M.P.H.
HOWARD COUNTY HEALTH OFFICER

DATE: 9/28/10

N78°11'23"E 859.03



Synd Ac
 PRIVATELY OWNED
 RESERVATION PARCEL
 ENVIRONMENTAL EASEMENT
 TO A- EASEMENT HOLDER

GPa