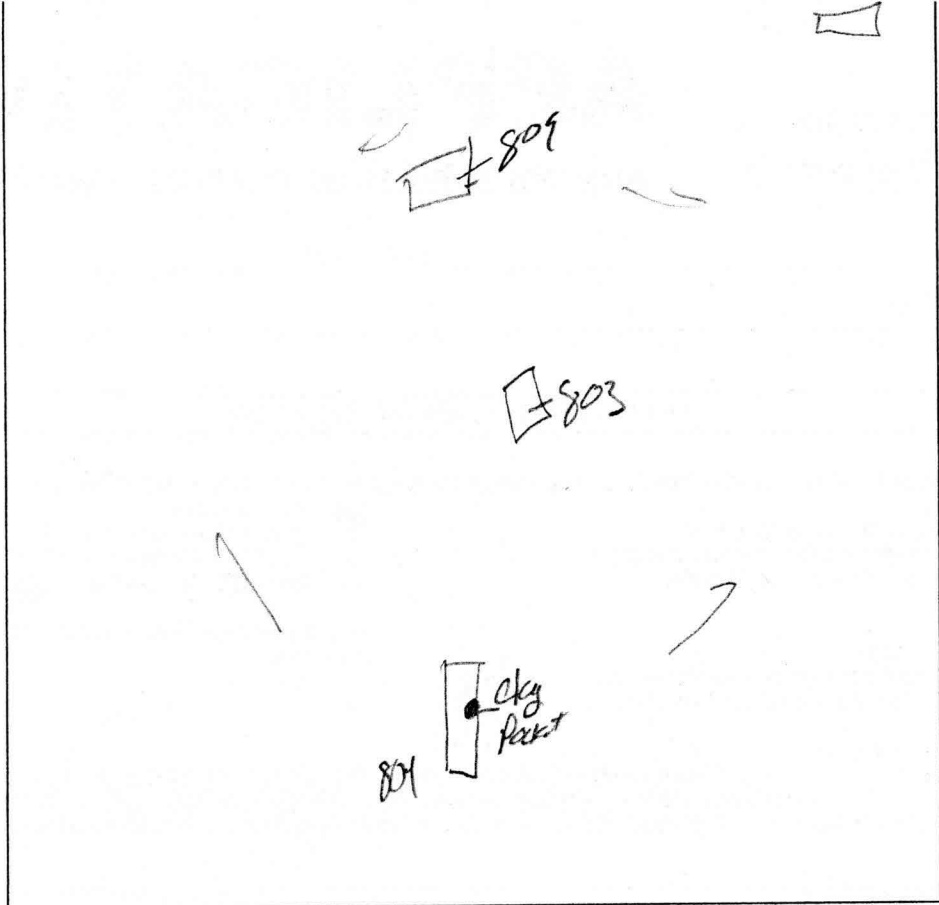


Brown L 1'
 Red/Orange
 micaceous
 Sil 3 1/2'
 Brown/Yellow
 Red micaceous
 Sil w/
 Pocket of
 clay 10'
 Yellow/Brown
 micaceous Sil
 -Trace
 Feak- 14 1/2'

Red/Orange
 Brown micaceous
 Sil 3'
 Red/Yellow
 Brown
 micaceous Sil 5 1/2'
 Orange/Brown
 Sil w/magn
 nodules 10 1/2'
 Brown Sil
 -Trace Feak 14'



803
 Brown L 1'
 Brown/Red
 Sil w/
 10% green
 frags 2 1/2'
 Brown/Yellow
 micaceous Sil 3 1/2'
 Yellow/Brown
 Sil 9 1/2'
 Yellow/Brown
 Sil
 -Trace Feak- 14'

805
 Brown L 1'
 Red/Orange
 micaceous
 Sil 3 1/2'
 Brown/Red
 Sil 6 1/2'
 Brown/Red
 micaceous
 Sil 10 1/2'
 Brown/Red
 Sil 14'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
8/21/04	804	4 1/2' / 14 1/2'	11:32	11:34	11:37	3min	F
	803	4' / 14'	11:43	11:47	11:53	6min	P
	809	7 1/2' / 14'	12:03	- Pulled -		Slow	F
	810	6 1/2' / 14'	12:31	12:40	12:53	13min	P

REMARKS all holes dug per plan
 SANITARIAN KJB, P9 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

(454)

Red Br Heavy Loam 4'
 Red Br and 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
 Mottled Caving 12'
 Wet Water 13'
 13.5'

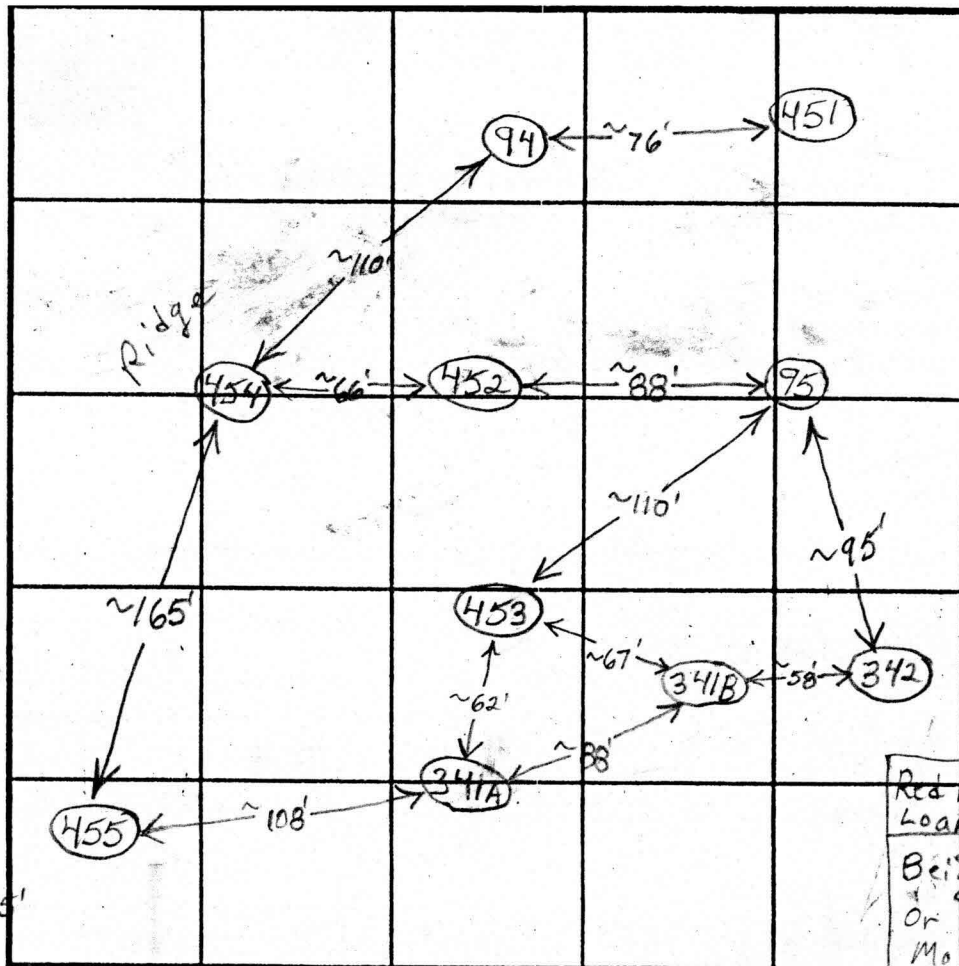
SOIL PROFILE

(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

(450)

Red Br Loam
 Red Br Loam and Tan Sa Loam
 Tan Sa Loam
 Very Little Rock
 ~20% Soft Saprolite

2.5'-3'
 4'
 13.5'

(92)

Red Br Loam
 Med Br and Tan Sa Loams
 Very Little Rock

3.5'-4.5'
 9.5'
 10'
 10.5'

(451)

Red Br Loam
 Red Br Si Loam and Tan Sa Loam
 Light Br Sa Loam
 Very Little Rock
 ~20% Soft Saprolite
 Mottling Below 9"
 Water

3'-3.5'
 4'-5'
 12.5'

SOIL PROFILE

(94)

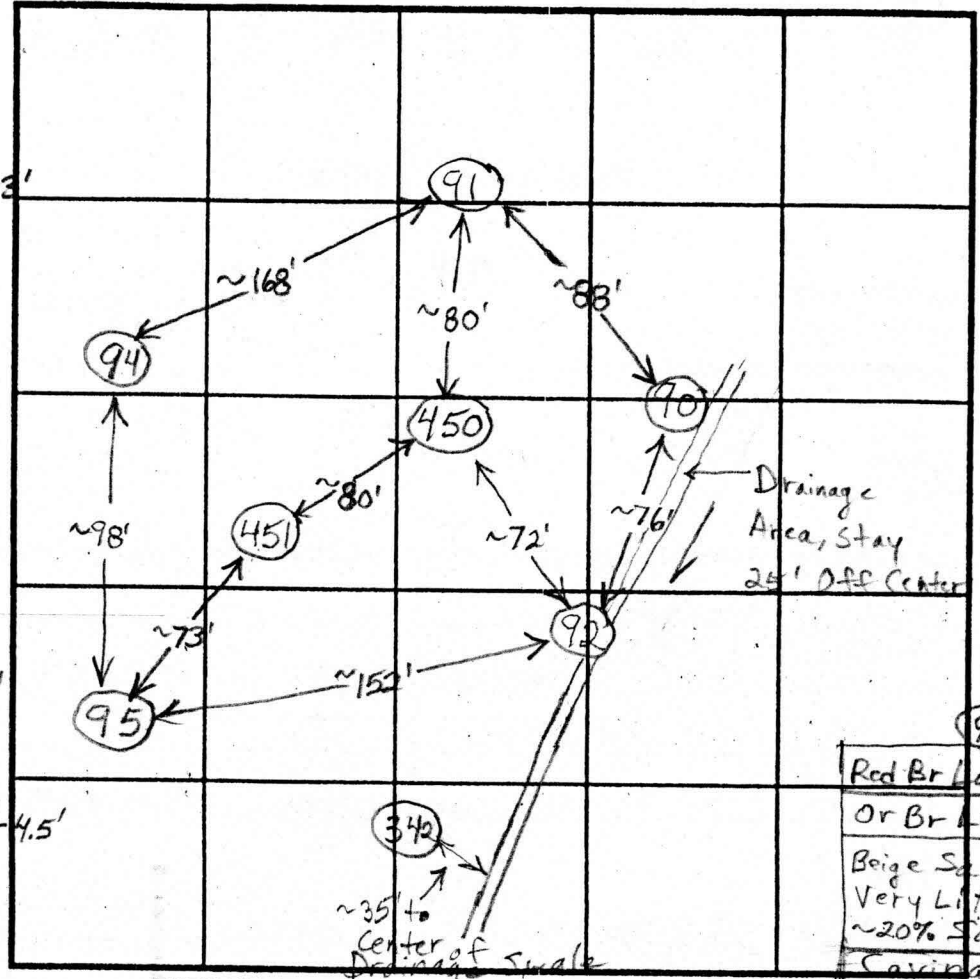
Red Br Loam
 Beige Sa Loam and Red Br Loam
 Beige Sa Loam
 ~15% Saprolite

2.5'
 5'
 14'

(95)

Red Br Loam
 Or Br Loam
 Beige Sa Loam
 Very Little Rock
 ~20% Saprolite
 Caving/Mottling Water

2.5'-3'
 4'-4.5'
 11'
 11.5'



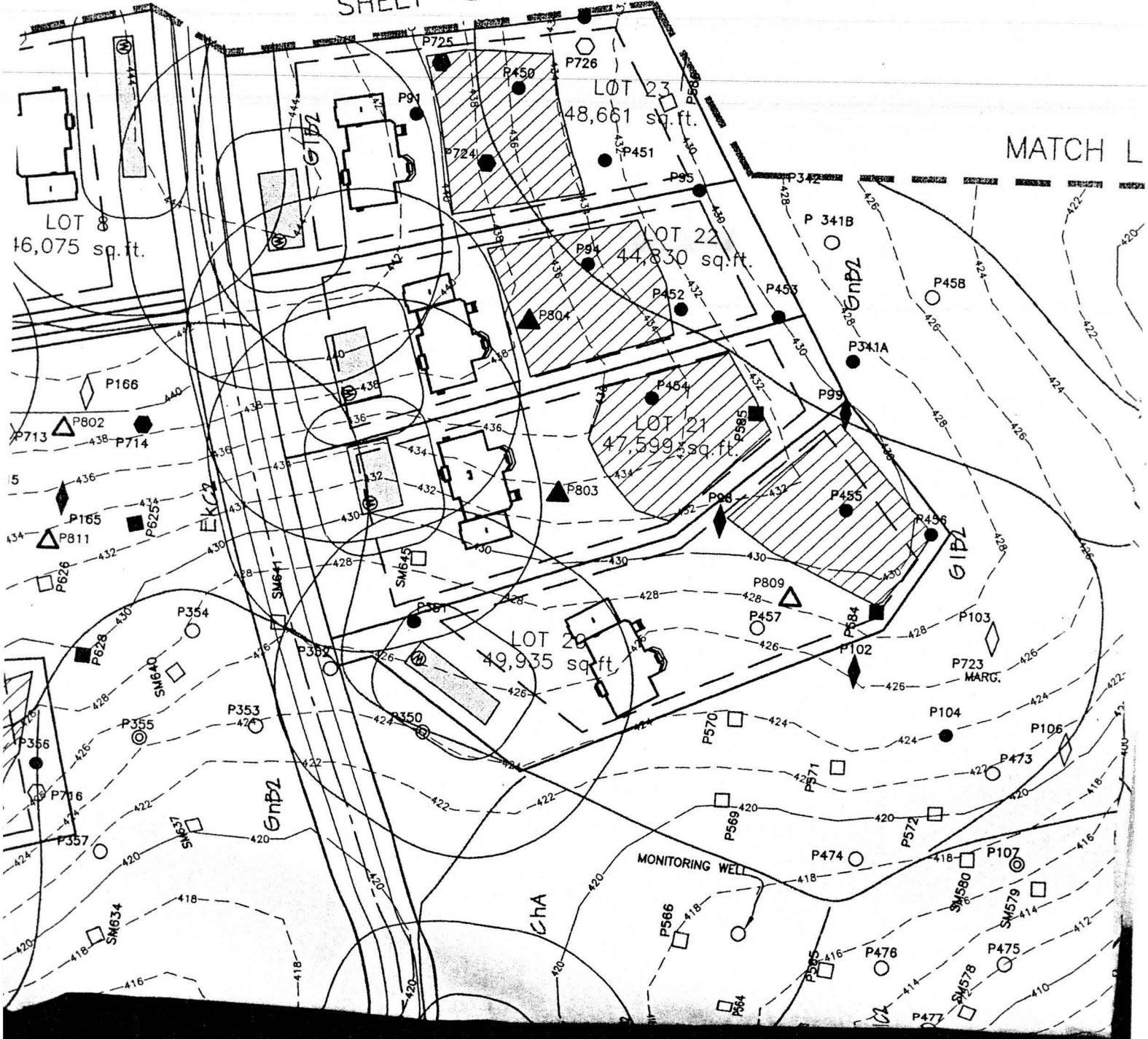
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/22/03	450	4' / 13.5'	10:31:30	10:42	10:42	10:57	15	O.K.
		7'	10:32	10:34	10:34	10:37:30	3 1/2	
	92	4' / 10.5'	11:13	~1/4" in 10 minutes				Slow Swale
		7'	11:13:30	11:15:30	11:15:30	11:18	2 1/2	
		4.5'	11:24:30	11:26	11:26	11:31:45	~6	
	451	4' / 12.5'	11:48	11:59	11:59	12:23	24	O.K.
	Repair	8'	11:52:45	11:54:45	11:54:45	11:57:15	2 1/2	
	94	3' 10" / 14'	12:09	12:11:30	12:11:30	12:15	3 1/2	O.K.
		7'	12:08:30	12:09:40	12:09:40	12:11:25	~2	
	95	4 1/2" / 11.5'	1:59:15	2:05:15	2:05:15	2:15:30	~10	O.K.
		6'	1:42:15	1:45:45	1:45:45	1:50:15	5 1/2	

REMARKS _____
 TYPE OF SOIL Move Hole (92) 25' From Drainage Area
 TESTED BY B. Baker ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

Signed
R

SEE SHEET 8



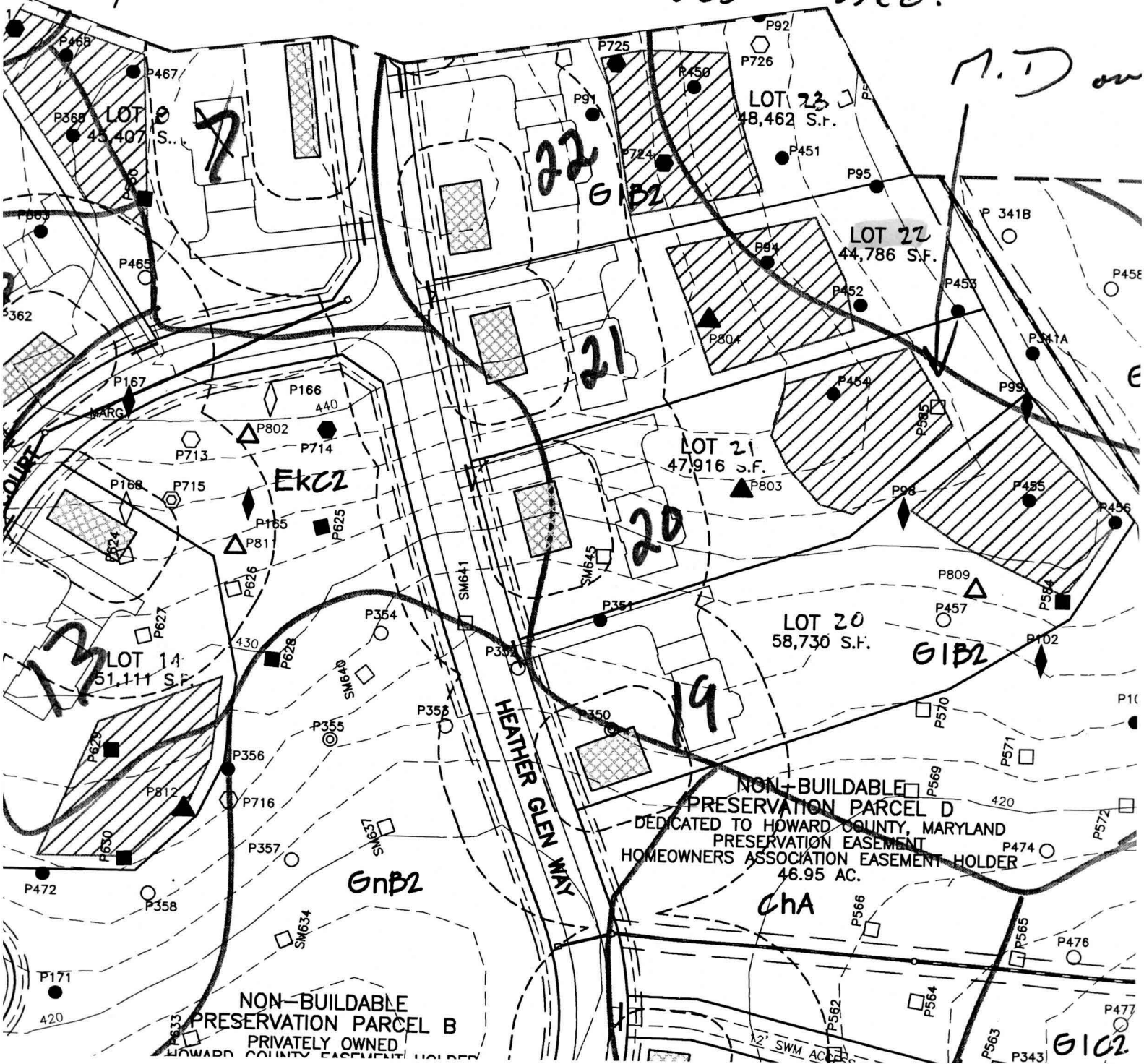
2/07
Revised PC

2/8/07

Incorrect symbol
585 Passed.

SHEET 1

N.D on





LEGEND

- P47 PERC PASSED--2001
 - P49 PERC FAILED--2001
 - P417 PERC FAILED--2003
 - P416 PERC PASSED--2003
 - P52 PERC PASSED--FEBRUARY 2004
 - P512 PERC FAILED--FEBRUARY 2004
 - P705 PERC PASSED--JUNE 2004
 - P705 PERC FAILED--JUNE 2004
 - P806 PERC PASSED--AUGUST 2004
 - P800 PERC FAILED--AUGUST 2004
- 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
 - ABANDONED AREA
 - PRIVATE SEWAGE
 - ADDED AREA
 - WELL REPLACEMENT AREA
 - CONSTRUCTION DRIVE

Approved Septic System Plan
 Howard County Health Department
Anna DeWard
 Signature Date

GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWAGE ARE 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 AREAS SHALL NOT BE NECESSARY.
- THIS AREA IS ABANDONED AS PER PREVIOUSLY REVISED AND APPROVED PERC. CERT. PLAN.
- THIS AREA IDENTIFIES WELL REPLACEMENT AREA EASEMENT.
- TOPOGRAPHY SHOWN IS TWO-FOOT CONTOUR INTERVALS AND HAS BEEN FIELD VERIFIED OR FIELD RUN.
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WITHIN 200' DOWNGRADIANT OF EXISTING OR PROPOSED SEPTIC OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN USING ALL REASONABLE EFFORTS.
- THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT # 19214 ET. SEE REFER TO PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS, ANY RESTRICTIONS, AND PROVISIONS.
- THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY A PROFESSIONAL LAND SURVEYOR AND ARE ACCURATELY SHOWN.
- TESTING AND RESULTS FOR GROSS ALPHA, GROSS BETA AND VOC'S WILL BE REQUIRED PRIOR TO USE AND OCCUPANCY.

SITE SPECIFIC NOTES

- Plot Plan Lot # 22
- ALL DRIVEWAY CULVERTS ARE TO BE 15" RCP OR HDPE WITH MINIMUM 9" COVER
- ANY WELL DRILLED WITHIN 10' OF DRIVEWAY TO BE PROTECTED WITH TWO BOLLARDS.
- PAVING SPECIFICATIONS: 2" ASPHALT OVER 4" CR-6 OR 2.5" ASPHALT OVER 1.5" OVERLAY

PROPOSED ELEVATIONS:

TOP OF BASEMENT SLAB:	434.0	GRADE AT HOUSE INVERT:	441.0
TOP OF FOUNDATION WALL:	442.8	GRADE AT SEPTIC TANK:	436.0
TOP OF FIRST SUBFLOOR:	444.0	GRADE AT DISTRIBUTION BOX:	435.5
		GRADE AT TRENCHES:	435.0
INVERT OUT OF HOUSE:	439.0		
INVERT INTO TANK:	433.5		
INVERT OUT OF TANK:	433.0		
INVERT INTO DISTRIBUTION BOX:	433.0		

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

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

DATE

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

DATE

SEPTIC DESIGN PARAMETERS:

1st Floor Sq. Ft. 7730 sq. ft.
 2nd Floor Sq. Ft. 2090 sq. ft.
 Basement Sq. Ft. 2364 sq. ft.
 Number of Bedrooms 5

TAGGED WELL DATA

TAG NUMBER: HO-95-0265
 NORTHING: 558555.0092
 EASTING: 1326786.5336
 WELL YIELD: 12 GPM
 WELL DEPTH: 285'



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

SCALE: 1:30

DATE: 5/11/11

PROJECT NAME:
 Dhond Residence
 PC-22
 PRESERVE @ CLARKSVILLE
 CLARKSVILLE
 HOWARD COUNTY
 MARYLAND

TITLE:
 PLOT PLAN LOT #22
 6251 Heather Glen Way
 Clarksville, Maryland 21029

PURPOSE:
 CONSTRUCTION OF NEW SINGLE FAMILY DETACHED DWELLING