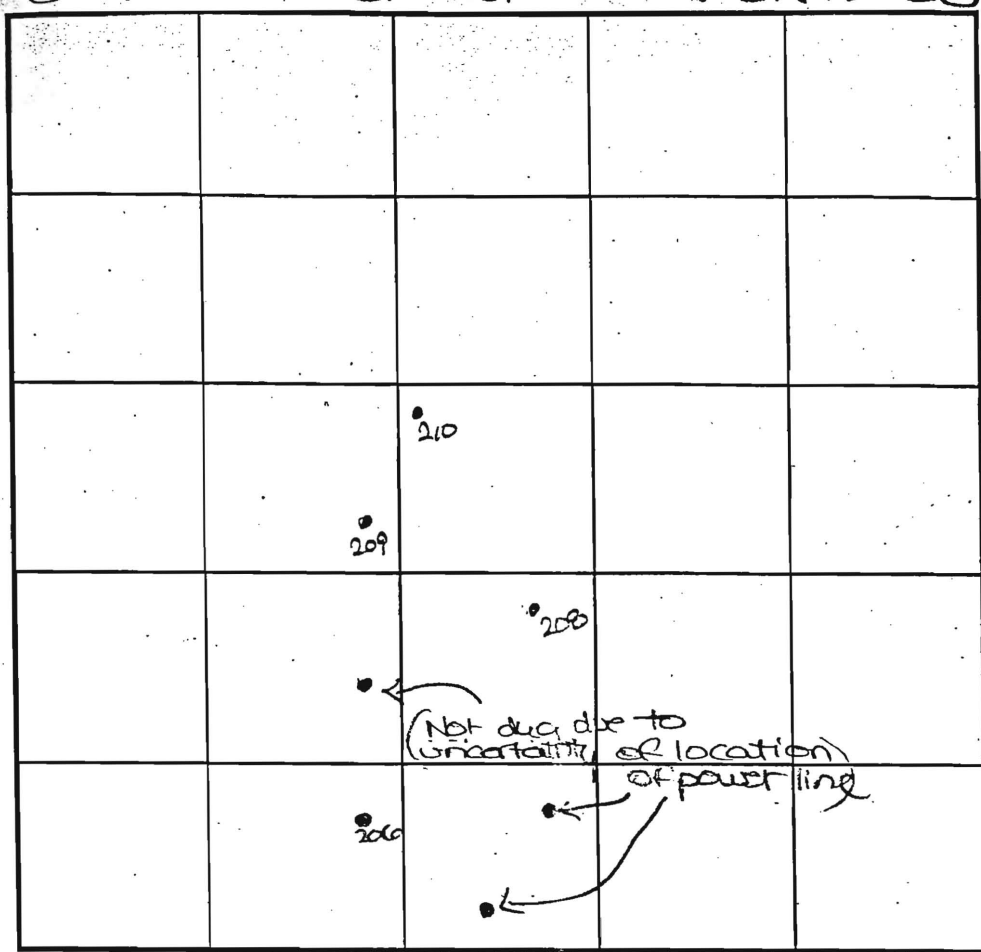


OWINGS PREP - WET SEASON 2000

PROFILE
 206
 topsoil
 org red
 brn
 cl Lm
 med
 org brn
 sa Lm

209
 topsoil
 br
 red brn
 sa Lm
 med
 red brn
 sa Lm
 60%
 hard
 rock
 refusal

208
 topsoil
 br
 red brn
 cl Lm
 med to
 pale
 org brn
 sa Lm
 20%+
 sapr
 R_x



SOIL PROFILE
 210
 0'
 1'
 topsoil
 br
 red brn
 cl Lm
 4'-
 4.5'
 med to
 pale
 org brn
 sa Lm
 20%+
 sapr
 R_x
 9'4" Refusal!

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
 Highland Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-12-00	206	14.0' D	Visual	- see	profile		OK
	209	3.5' S	10:28 ₃	10:29	10:29	10:30	I
		11.0' D	Refusal	- see	profile		FAIL
	208	4.0' S	10:35	10:41	10:41	10:51 ₂	II
		13.0' D	Visual	- see	profile		OK
	210	9' 4" D	Refusal	- see	profile		FAIL

REMARKS holes tested as staked
 TYPE OF SOIL _____
 TESTED BY DKS ALSO PRESENT C. Zepp
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

SOIL PROFILE
36

1' topsoil
1-5' red brn cl Lm
pale org beige sa Lm w/little mica
5-10% Rx

65

1' topsoil
red brn cl Lm
5' tan sa Lm w/some mica
10% Rx

37

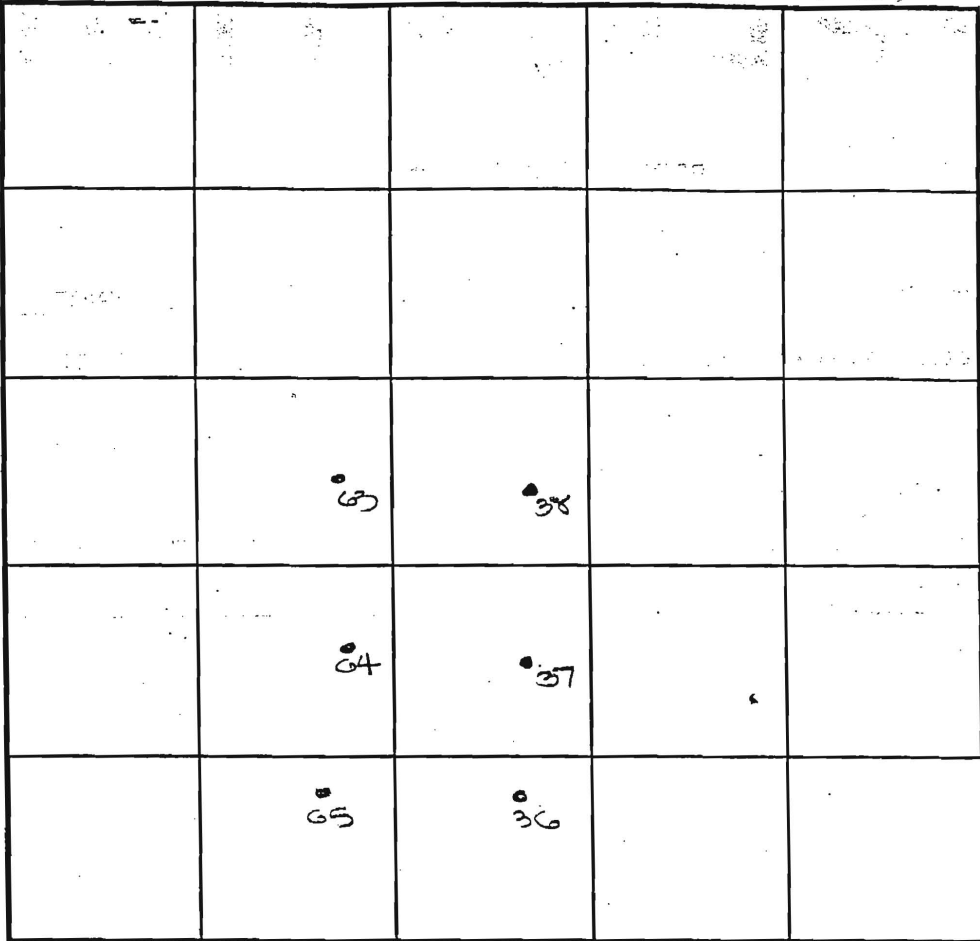
1' topsoil
red brn cl Lm
3' med. red brn sa Lm
5' 10-15% rock

SOIL PROFILE
38

0' topsoil
red brn cl Lm
4' pale org red brn sa Lm w/mica
15%+ rock

63

1' topsoil
red org brn cl Lm
4' pale org brn sa Lm



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Highland Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-5-99	36	5.0'S	9:46	9:48	9:48	9:51	3
		12.0'D	visual	- see	profile		HOLD FOR WS
	65	13.5'D	visual	- see	profile		HOLD FOR WS
	37	13.5'D	visual	- see	profile		OK
	38	5.0'S	10:15	10:19	10:19	10:24	5
		12.5'D	visual	- see	profile		OK
	63	13.0'D	visual	- see	profile		OK

REMARKS: holes tested as staked

TYPE OF SOIL: _____

TESTED BY: D. See ALSO PRESENT: G. Zepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME: _____ TRENCH WIDTH: _____

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

Proposed Lot 6

COUNTY # _____

SOIL PROFILE

12066

red heavy micaceous SiCL

4 Heavy red L

6 Fine reddish orange micaceous SL

4 1/2 12065

Heavy red SiCL

3 Heavy red CL

6 Fine reddish orange micaceous SL

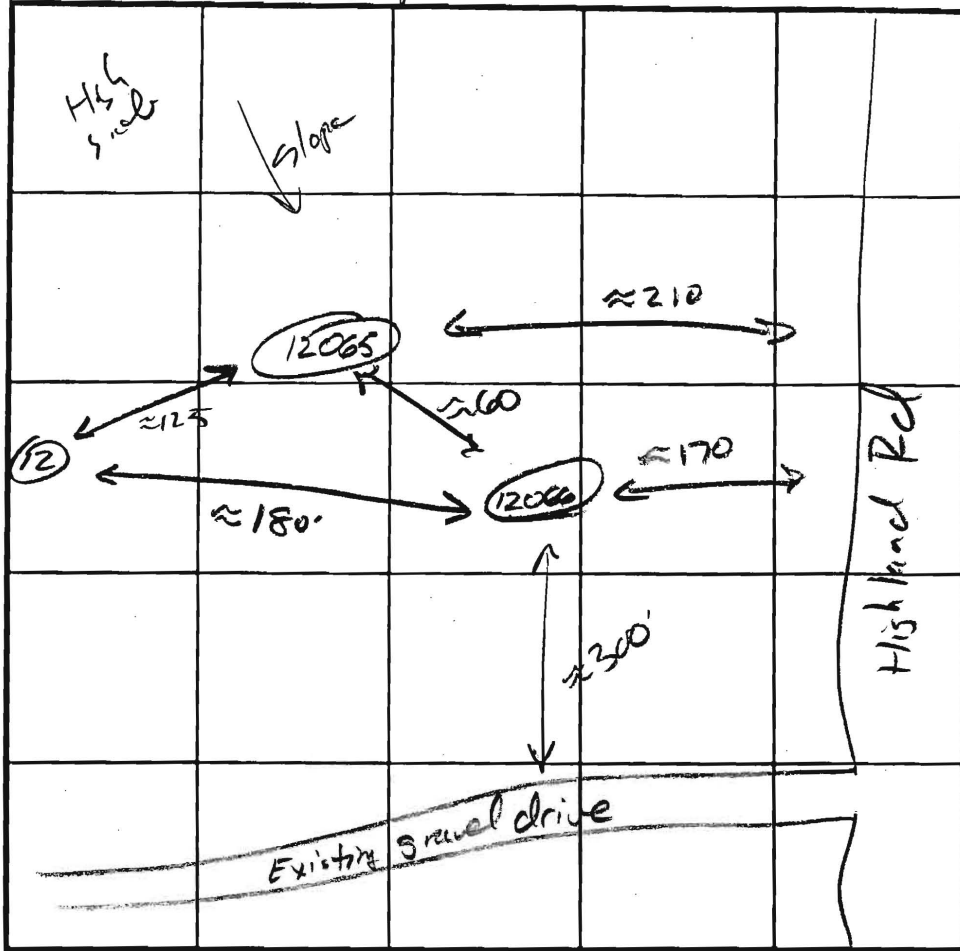
14 (12) red ch
↓
Heavy L

5 1/2 Heavy SL w/15-20% Charnery rock frags

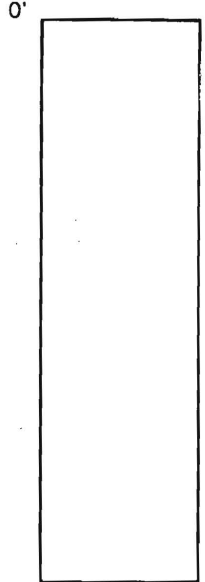
8 Pocket of 45-50% cobbly rock frags in fine micaceous SL

12 Fine SL becoming hard

14



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/10/02	12066	6 1/2 14 1/2 v	10:57:30	11:02:30	11:02:30	11:11:30	9 min
6/10/02	12065	7 14 v	11:23:00	11:31:30	11:31:30	11:46:00	14 min
6/10/02	12	14 v No Test due to rock					F

REMARKS M. Rifkin not present for hole 12 excavation

TYPE OF SOIL _____

TESTED BY J. Boris + M. Rifkin ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

JUL PROFI
1996
Topsoil

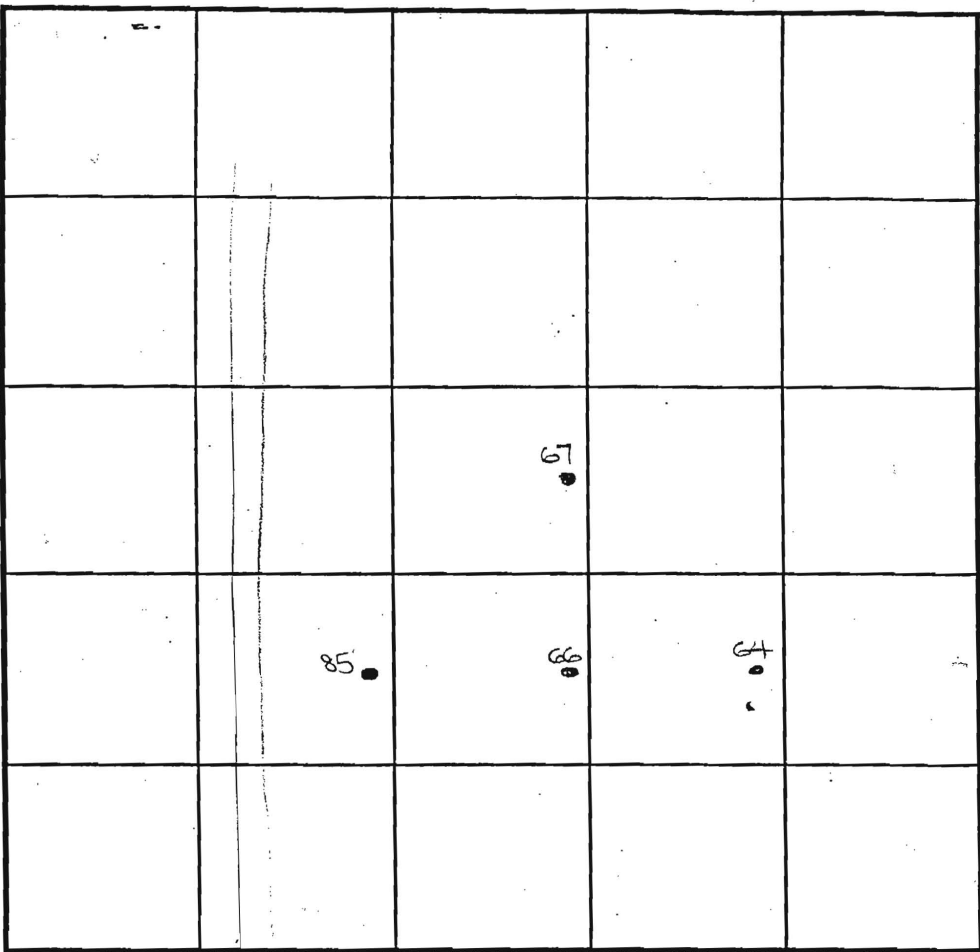
COUNTY #

SOIL PROFILE
85

0' topsoil
1' red brn cl Lm
4.5' dk red brn to med brn salm w/some mottles

66
1' topsoil
1' red brn cl Lm
4.5' pale org brn salm
11' evidence of mottles

64
1' topsoil
1' red brn cl Lm
pale org tan salm
1000 Rv



SOIL PROFILE
67

0' topsoil
1' red brn cl Lm
3' med org brn salm w/mica
11' evidence of mottles
13'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Highland Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-5-99	85	4.5' S	9:57	10:00 ₃	10:00 ₃	10:05	5
		12.0' D	Visual	- see	profile		HOLD FOR US
	66	13.0' D	Visual	- see	profile		HOLD FOR US
	64	5.5' S	10:04	10:07	10:07	10:11	4
		13.0' D	Visual	- see	profile		OK
	67	5.5' S	10:25	10:27	10:27	10:30	3
		13.0' D	Visual	- see	profile		HOLD FOR US

REMARKS holes tested as staked

TYPE OF SOIL _____

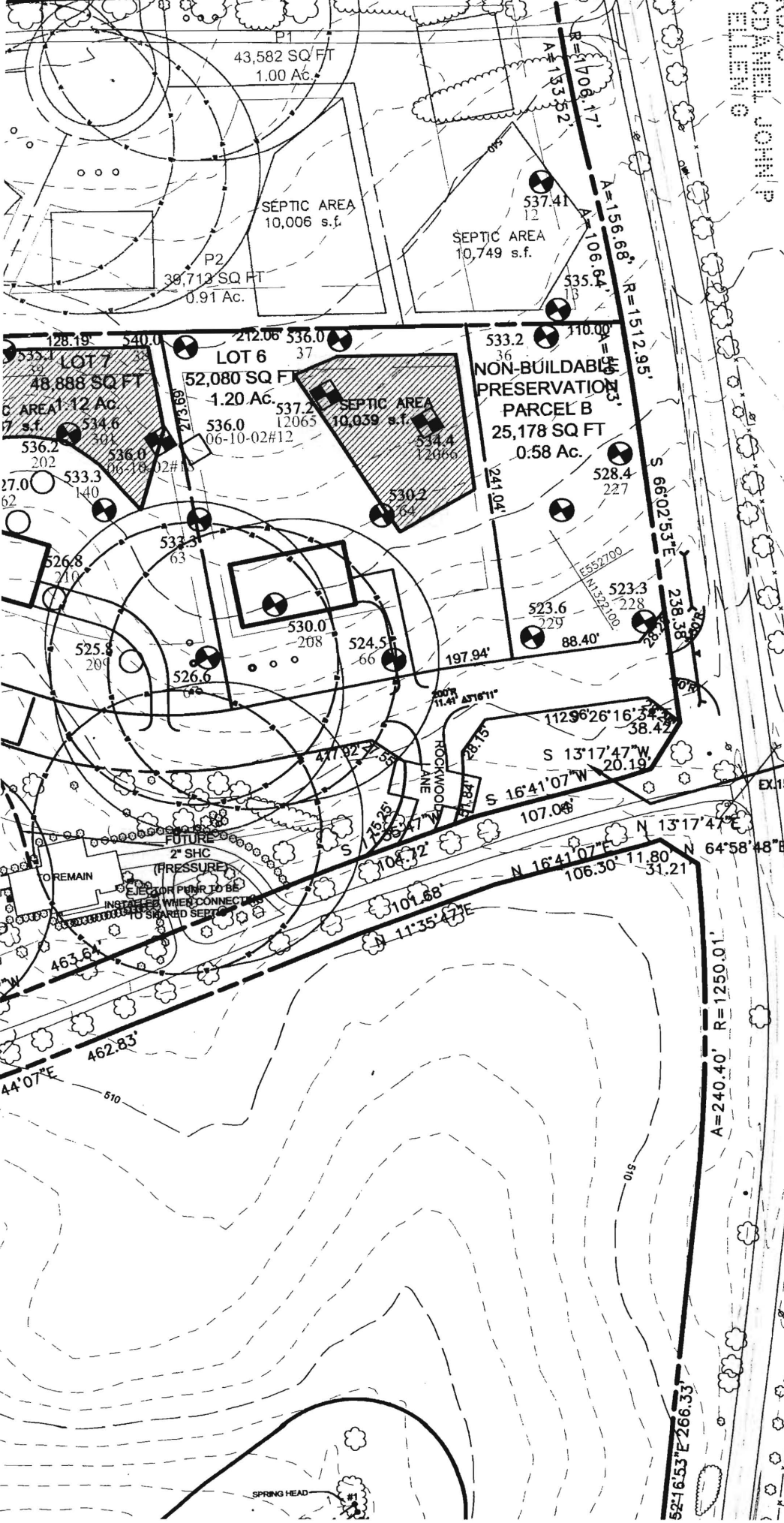
TESTED BY D. SOE ALSO PRESENT C. Zepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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



ORCUTURAL
RDEO
DANIEL JOHN P
ELLEN O



NON-BUILDABLE
PRESERVATION
PARCEL C
8,246 SQ FT
0.19 Ac.

HIGHLAND ROAD R/W VARIES
50' C/L TO P/L ALONG PROPERTY

Approval PC
9/19/02

SPRING HEAD



**SOIL TYPE
CHB2**

LEGEND

- PERC PASSED--
- PERC FAILED--
- PERC PASSED--
- EXISTING WELL
- EXISTING CONTOURS (2' INTERVALS)
- CLEARWATER DIKE
- ABANDONED AREA
- PRIVATE SEWAGE
- ADDED AREA
- WELL BOX

Disregard 100-foot radius around Southeast corner of septic reserve, ref

GENERAL NOTES:

- THIS AREA [diagonal hatched] 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.
- 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' DOWNGRADIENT OF EXISTING OR PROPOSED SEPTIC OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN USING ALL REASONABLE EFFORTS.
- THE LOT SHOWN HERON WAS RECORDED ON THE PLAT # 18321 REFER TO PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS, ANY RESTRICTIONS, AND PROVISIONS.
- HIGHLAND OVERLOOK - LOT 6 IS ENTIRELY WITHIN THE C6B SOIL MAP UNIT.
- WATER QUALITY TESTS FOR POTABILITY AND IF NECESSARY FOR GROSS ALPHA, GROSS BETA AND RADIUM MUST BE CONDUCTED AND RESULTS RECEIVED PRIOR TO ISSUE OF 'USE AND OCCUPANCY'.

SITE SPECIFIC NOTES

- B09000131 Plot Plan Lot # 6
- ALL DRIVEWAY CULVERTS ARE TO BE 15" RCP OR HDPE
- 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 BASE WITH 1.5" OVERLAY

PROPOSED ELEVATIONS:

TOP OF BASEMENT SLAB:	522.0	GRADE AT HOUSE INVERT:	531.0
TOP OF FOUNDATION WALL:	531.0	GRADE AT SEPTIC TANK:	532.0
TOP OF FIRST SUBFLOOR:	532.5	GRADE AT PUMP TANK:	532.5
		GRADE AT DISTRIBUTION BOX:	538.0
		GRADE AT TOP TRENCH:	538.3
INVERT OUT OF HOUSE:			
INVERT INTO SEPTIC TANK:	528.5	A TRAFFIC BEARING LID IS REQUIRED FOR THE PUMP TANK	
INVERT OUT OF SEPTIC TANK:	528.0		
INVERT INTO PUMP TANK:	527.6		
INVERT INTO DISTRIBUTION BOX:	527.4		
	535.0		

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

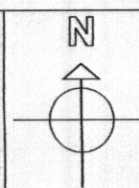
I certify that the information shown herein is based on field work performed under my direct supervision and is correct, to the best of my knowledge and belief.

SEPTIC DESIGN PARAMETERS:

1st Floor Sq. Ft.	4397 sq. ft.
2nd Floor Sq. Ft.	n/a
Basement Sq. Ft.	3070 sq. ft.
Number of Bedrooms	3

TAGGED WELL DATA

TAG NUMBER:	HO-94-3672
NORTHING:	552472.992118
EASTING:	1322033.221247



OWNER: Mr/Mrs Macklin
BUILDER: Compass Homes
6206 Heather Glen Way
Clarksville, MD 21029

SCALE: 1:30

PROJECT NAME: Macklin Residence HO-6 Highland Overlook FULTON
6804 Green Hollow Way
Highland, MD, 20777

TITLE: PLOT PLAN LOT 6 AND REVISED PERCOLATION CERTIFICATION PLAN

PURPOSE: ESTABLISH ALTERNATE WELL SITE LOCATIONS AND TO REVISE THE S.D.A.

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

DATE: 10/30/09

Signature
Dale Thompson

DATE: 28 Oct 9