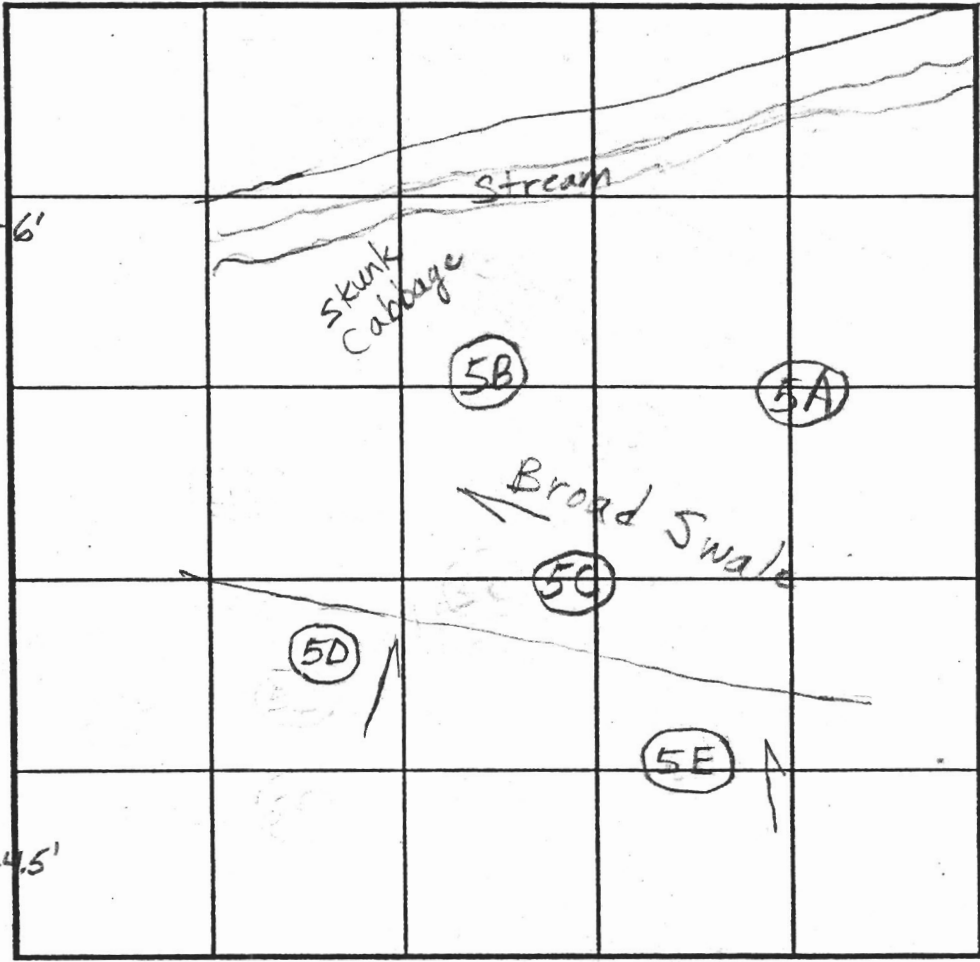


516084
COUNTY #

SOIL PROFILE
(5E)
0'
Red Br Heavy Loam 4.5'-6'
Tan Sa Loam ~5% Rock
14'

(5D)
Red Br Heavy Loam 2.5'-4.5'
Tan Sa Loam ~5% Rock
Good Possibility of H₂O Redox Features Below 10 feet
14'



SOIL PROFILE
(5A)
0'
Gray Mottling From 1' To Bottom
5.5'
Caving 7'
Seepage Water 7.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Homewood Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
4/16/02	5E	6' / 14' V	2:52	2:53:30	2:53:30	2:56	2 1/2	OK	
		Tested in Sa Loam							
		4.5'-5' - Very Little Movement in 10 minutes Slow							
	5D	5.5' / 14' V	3:10	3:16	3:16	3:25	9	WS	
	5A	7.5' V	- See Profile ->					(F)	
APPROVAL NOT LIKELY									

REMARKS Holes DUG PER PLAN WET SEASON SOILS
 TYPE OF SOIL Is 5B Worth Testing? 5C Not Dug Either
 TESTED BY Brian / Kacie ALSO PRESENT Hatfields
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

516084

COUNTY #

SOIL PROFILE

(101)

Red Br Heavy Loam

4'

Or Br Sa Loam ~15% Rock

5.5'

Beige Sa Loam ~30% Rock

6.5'

Beige Sa Loam Large Pockets of 75% Rock to Bottom Hard Bottom

12.5'

(102)

Red and Or Br Heavy Loam

4'-5'

Yellow Sa Loam

10-15% Rock

15'

(103)

Red Br Gravelly Heavy Loam

3.5'

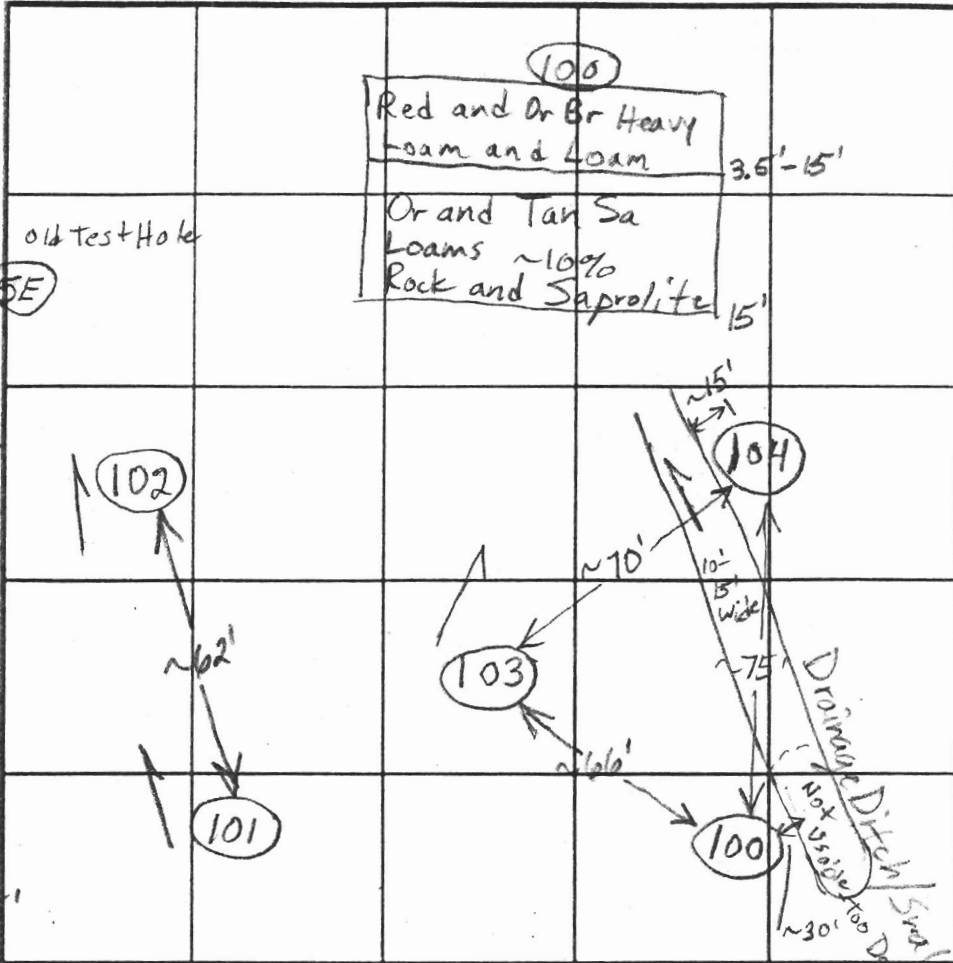
Or Br Sa Loam

Some Pockets of ~40% Small Rocks

6.5'

Yellow Sa Loam 15-20% Rock

15'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Homewood Road

SOIL PROFILE

(104)

Red Br and Or Br Loams

4.5'

Or Red Sa Loam

A few large rocks in sidewall 5'-6' down ~20% Rock and Saprolite

15'

Possibly Mottled Grey-Green Mica Near Very Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/24/02	101	12.5' V	- Excessive Rock -		→		(F)
	102	4.5'/15' V	10:59	~1/4" in 10 minutes			Slow OK
		6.5'	10:59	11:00	11:00	11:01:45	~2
	103	4.5'/15' V	11:23	11:25	11:25	11:28:30	3 1/2 OK
		7.5'	11:23:30	11:25	11:25	11:27:10	~2
	104	5'/15' V	11:37:30	11:40:15	11:40:15	11:45:30	~5 (F)
		6.5'	11:37:30	11:38:15	11:38:15	11:40:10	~2
	100	6.5'/15' V	11:54:20	11:55:15	11:55:15	11:56:15	1
		12" x 12"	11:59	12:00:20	12:00:20	12:02:40	~2 1/2

* SHOW DRAINAGE DITCH ON PLAN maintain 25' off ditch

REMARKS 104 in Center of Broad Swale As on plan
 TYPE OF SOIL 104 Not Usable in Relation to Other Holes - Holes Per Plan
 TESTED BY B.B. ALSO PRESENT Hatfields
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ FT/BEDROOM _____

SEE NOTE

COUNTY #

SOIL PROFILE

0'
 (400)
 Red Br Loam,
 Gravelly 3'-3.5'
 Or Br
 Gravelly Loam
 ~15% Rock 6'-6.5'
 Or Br
 Loamy
 Gravel
 20-25%
 Rock

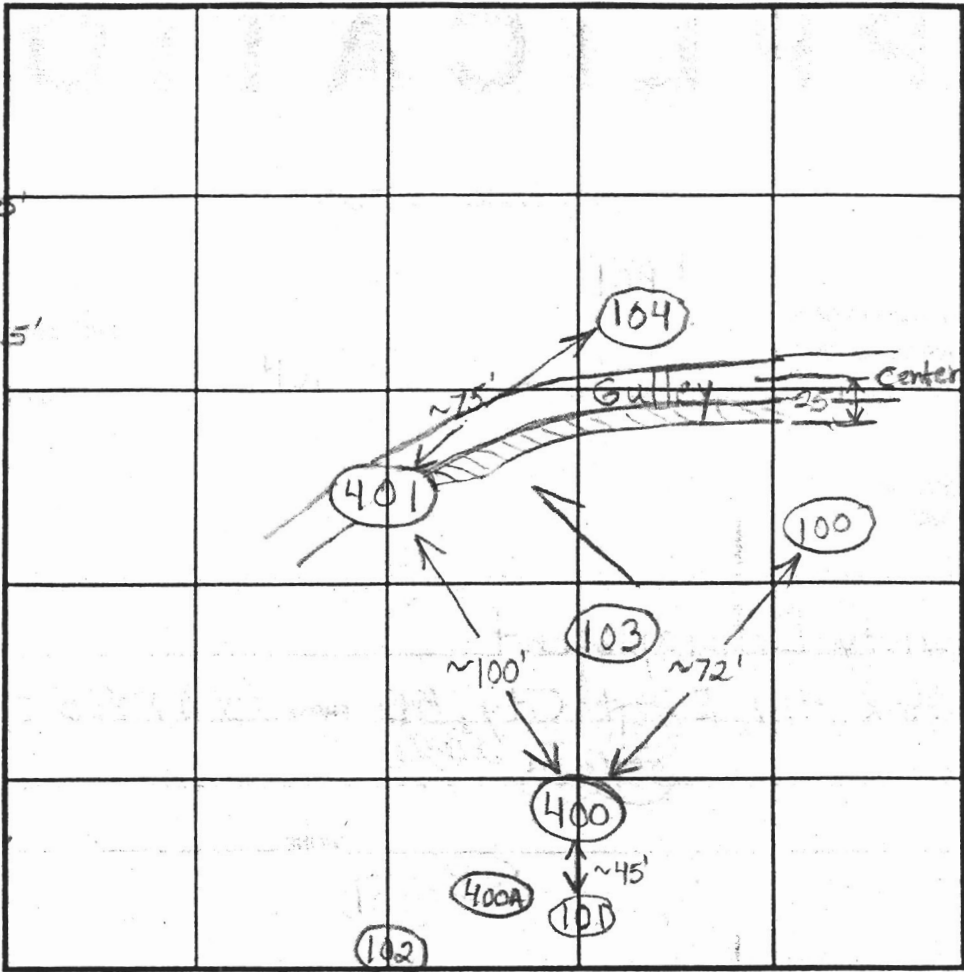
(401)

Red Br
 Heavy Loam 4'-5'
 Or Br Loam
 Less Than
 10% Rock 6.5'

Med Br
 Sa Loam
 20-25%
 Rock and
 Saprolite
 Water 14'

(400A)

Red Br
 Loam 2.5-3'
 Or Br
 Loam 3.5-4'
 Light Br
 Sa Loam
 ~15%
 Rock and
 Saprolite 14'



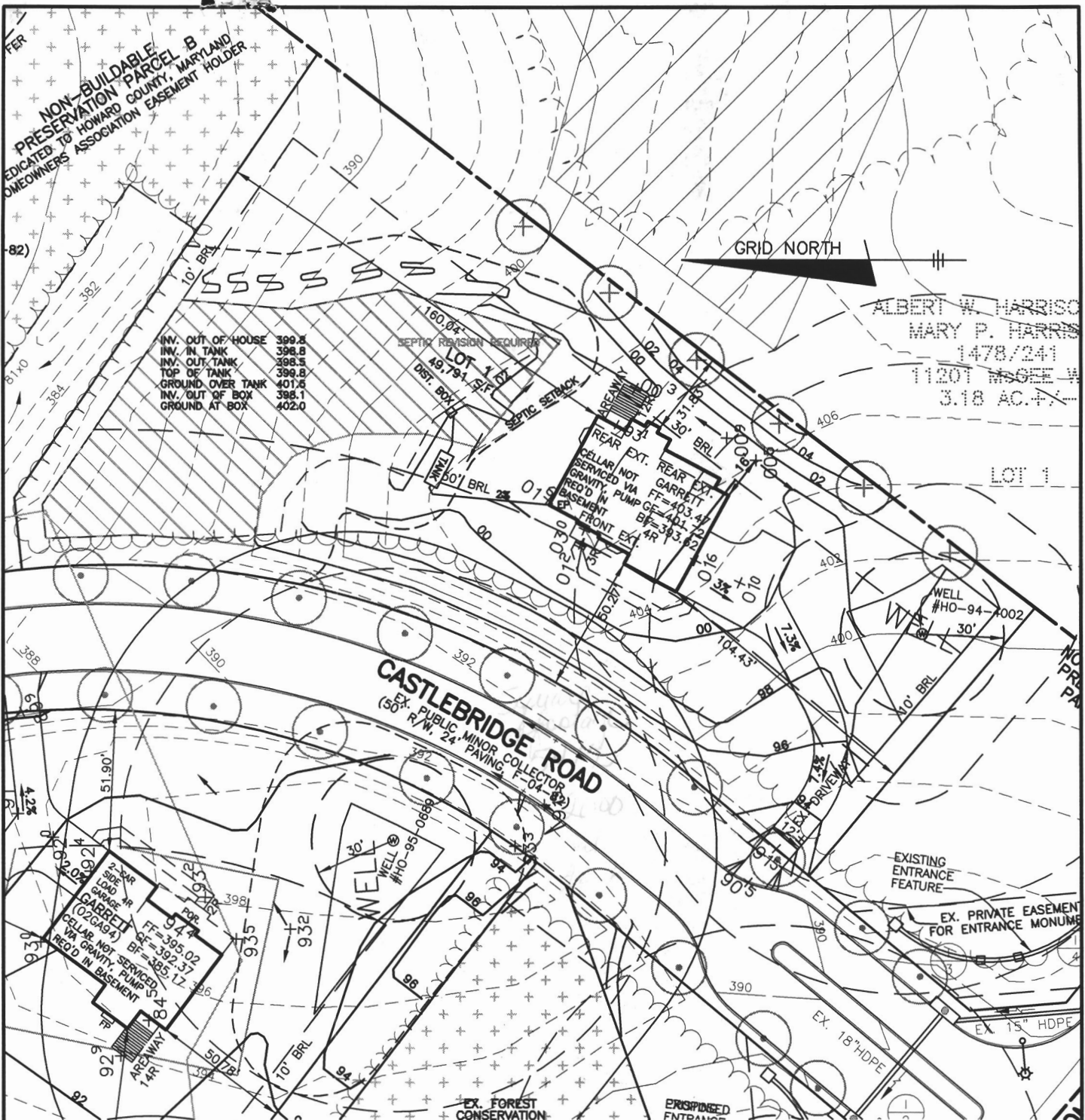
SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/4/03	(400)	5.5'/13'v	2:03:30	2:05:45	2:05:45	2:08:45	3	O.K.
		7'	2:50:30	2:52:30	2:52:30	2:56	3 1/2	
	401	6'3"/14'v	2:21	2:37:30	2:37:30	3:04	26 1/2	O.K.
	400A	6'9"/14'v	3:12	3:13:40	3:13:40	3:16:45	~3	O.K.
		4'6"	3:15	3:16	3:16	3:17:40	~2	

REMARKS Treat Gully Like Swale - 25' off center
 TYPE OF SOIL 400A Dug Slightly Uphill and Midway Between 400+102
 TESTED BY B. Baker ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ FT/BEDROOM _____



GRID NORTH

ALBERT W. HARRIS
 MARY P. HARRIS
 1478/241
 11201 HOOVER W
 3.18 AC. ±

INV. OUT OF HOUSE 399.5
 INV. IN TANK 398.8
 INV. OUT TANK 398.5
 TOP OF TANK 398.8
 GROUND OVER TANK 401.5
 INV. OUT OF BOX 398.1
 GROUND AT BOX 402.0

SEPTIC REVISION REQUIRED

LOT 1
 160.04' DIST. BOX
 49.791' B.F.

CASTLEBRIDGE ROAD
 EX. PUBLIC MINOR COLLECTOR
 (50" R/W, 24" PAVING, F-04-82)

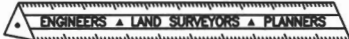
ITEM	RESPONSE	REMARKS
ADDITIONAL CLEARING	YES	FROM INTERIM PLAN, SWALE
HOUSE OFF PAD	YES	SEE PLAN, GARAGE SIDE
CHANGED HOUSE ELEVATION	YES	FOR MODEL/ORIENTATION
DRIVEWAY SLOPE CHANGE	YES	STEEPER
CHANGE CURB CUT LOCATION	NO	-
HOUSE WITHIN BRL	YES	-
REVISED DIMENSIONS	YES	PER ARCHITECTURALS
ADDITIONAL TOPOGRAPHY	NO	-

RIVERWOOD PRELIMINARY SITING LOT 1

MODEL: GARRETT
 ELEVATION: 02GA92
 WALKOUT: NO
 REVERSED: YES
 OPTIONS: FRONT AND REAR EXT., BAY WINDOWS AND AREAWAY

ORDERED BY: ANDREW CAMPBELL
 SITED BY: JOHN CARNEY
 ADDITIONAL REMARKS: EJECTOR PUMP NEEDED, SEPTIC REVISION NECESSARY, SWM REPORT NECESSARY

BENCHMARK



ENGINEERING, INC.

THIRD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' DATE: 4-18-13