

AS152272

NOT TO SCALE

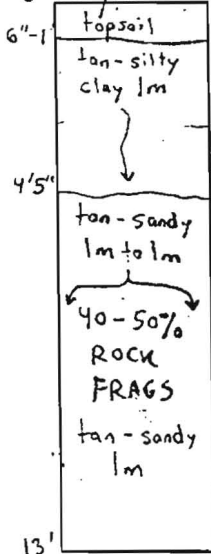
(686A)

COUNTY #

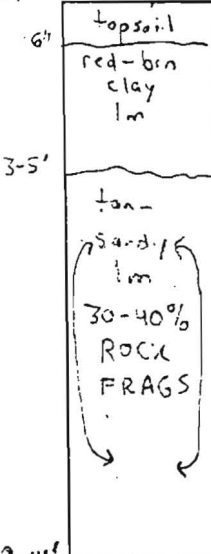
Lot 27

SOIL PROFILE

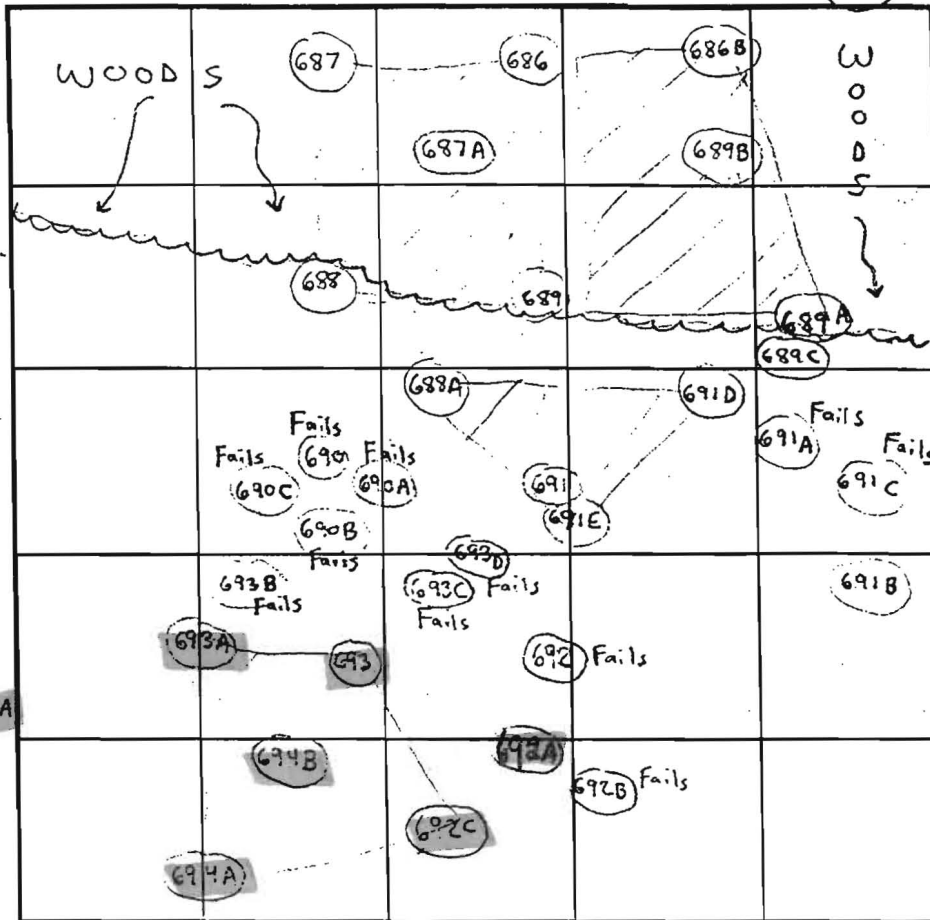
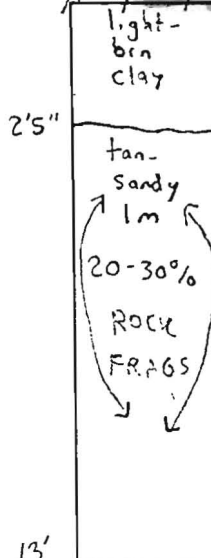
0' 686/686A



687/689A/691/691B/692A



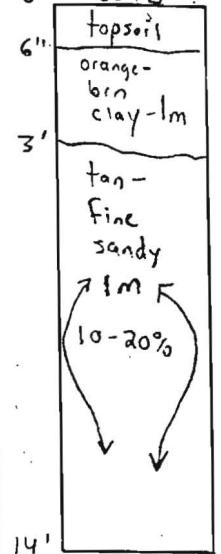
688/689/693/693A



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 689B



690A,B,C, 691A,C, 692, 693B

> 50% ROCK FRAGS & SURFACE ROCK REFUSAL

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7/25/01 →	686	4'T/13'V	9:52am	9:56am	9:56am	10:06am	10min	OK
8/6/01 →	686A	13'V	(VISUAL)	OK	SEE	SOIL PROFILE		OK
7/25/01 →	687	3'5"J 14'V	10:16am	10:17am	10:17am	10:19am	2min	OK
" →	688	4'T 13'V	10:34am	10:35am	10:35am	10:37am	2min	OK
" →	689	5'T/13'V	10:42am	10:44am	10:44am	10:46am	2min	OK
8/6/01 →	689A	13-14'V	(VISUAL)	OK	SEE	SOIL PROFILE		OK
2/1/02 →	689B	"	"	"	"	"	"	OK
7/25/01 →	690A,B,C	3-8'V	CBACKHCE	REFUSAL	> 50%			FAILS
" →	691	5'5"J 13'V	10:53am	10:55am	10:55am	10:57am	2min	OK
8/6/01 →	691A	9'V	(BACKHCE)	REFUSAL	> 50%			FAILS
8/8/01 →	691C	"	"	"	"	"	"	FAILS
7/25/01 →	692	4'V	"	"	"	"	"	FAILS
"	693	13'V	(VISUAL)	OK	SEE	SOIL PROFILE		OK
8/8/01 →	692A	14'V	"	"	"	"	"	OK
	691B	"	"	"	"	"	"	OK

REMARKS

Shallow System only!

TYPE OF SOIL

Glenly & Mander

He concurs w/ my decision

TESTED BY

SRK Barry Glotfelty on 2/8/02

ALSO PRESENT

Chuck Sharp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

4min

TRENCH WIDTH

3'

INLET DEPTH

3'

MAXIMUM BOTTOM DEPTH

5'

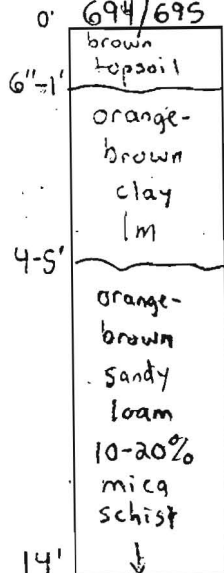
SQ. FT./BEDROOM

180

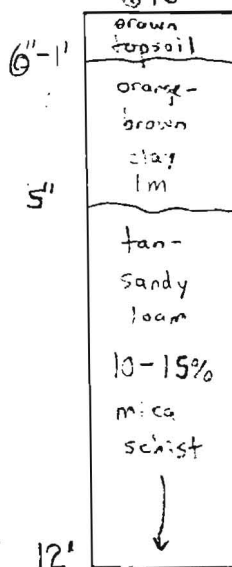
A5152272

NOT TO SCALE

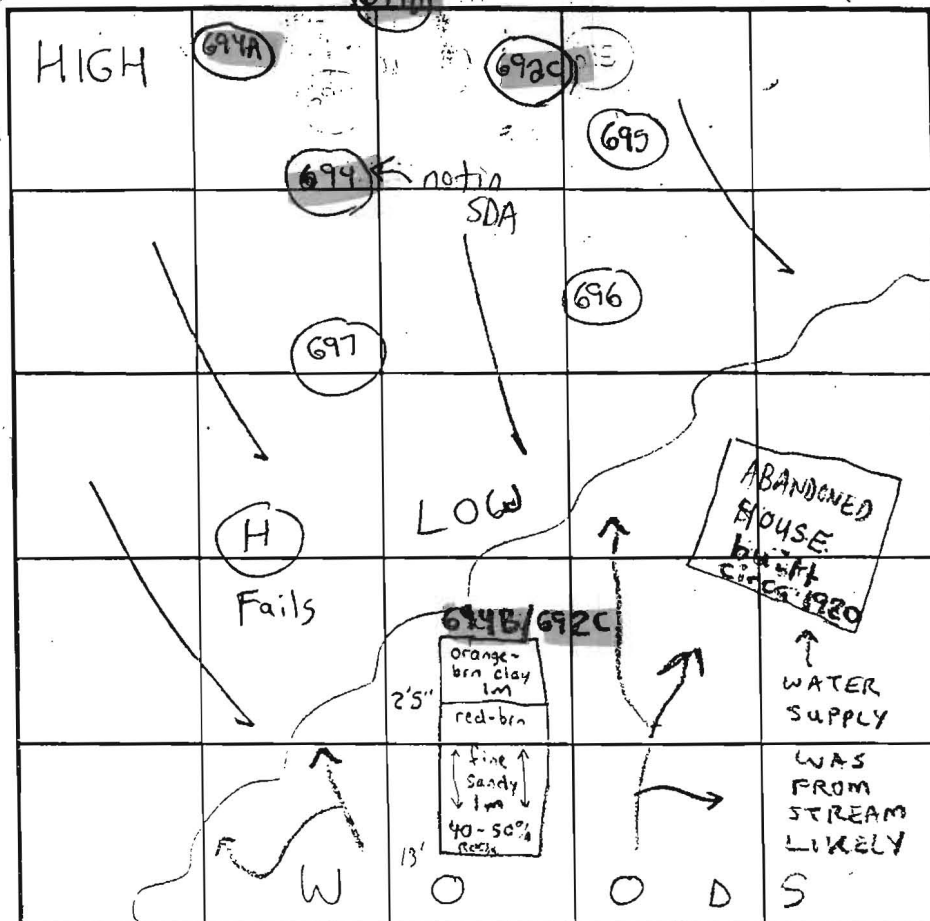
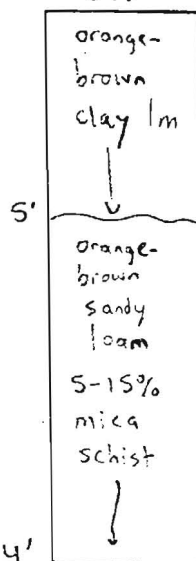
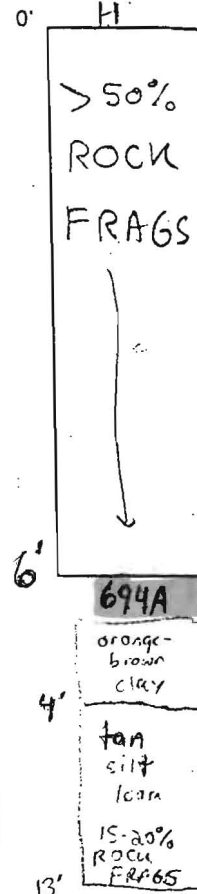
COUNTY #

SOIL PROFILE
694/695

696



697

LOT 27
SOIL PROFILE
H

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME	
6/7/01	694	4' T / 14' V	11:47am	11:48am	11:48am	11:50am	2min	OK
2/4/02*	694B	7'5" T / 13'5" V	12:07pm	12:08pm	12:08pm	12:10pm	2min	OK
6/7/01	695	5' T / 14' V	11:57am	11:58am	11:58am	12:00pm	2min	OK
2/4/02*	692C	7' T / 13' V	12:24pm	12:26pm	12:26pm	12:29pm	3min	OK
6/7/01	696	12' V	(VISUAL OK)	SEE	SOIL PROFILE			OK
2/4/02	694B	4' T / 13'5" V	12:10pm	12:13pm	12:13pm	12:17pm	4min	OK
6/7/01	697	6' T / 14' V	11:28am	11:30am	11:30am	11:33am	3min	OK
	H	>50% ROCK FRAGS	6' V				NA	Fails
8/6/01	694A	13' V	(VISUAL OK)	SEE	SOIL PROFILE			OK

REMARKS *Treatment zone rocky but times are acceptable

TYPE OF SOIL Manor

TESTED BY SRK

Todd Parks = Backhoe
Church Sharp

ALSO PRESENT Will Sharp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

Shallow System Only!

AS15227-2

COUNTY #

SOIL PROFILE

692B

orange-brown
clay 1m

orange-brown
sandy 1m

>50%

THRU

PROFILE



693C & D

SEE

692B

691E

orange-brown
clay

orange-brown
clay 1m

tan-red
fine
sandy
1m

10-20%
ROCK
FRAGS



LOT 29

SOIL PROFILE

688A/691D

top soil

orange-brown
clay 1m

tan-brown
fine
sandy
1m

20-40%
ROCK
FRAGS

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
2/4/02	692B	7' T / 13' V	10:15am	10:16am	10:16am	10:17am	1min	Fail
	693C/D	7' T / 13' V	10:33am	10:34am	10:34am	10:35am	1min	Fail
	691E	7' T / 13' V	11:04am	11:06am	11:06am	11:08am	2min	OK
	691D	7' T / 13' V	11:08am	11:09pm	11:09am	11:11pm	2min	OK
	688A	7' T / 12' V	11:17am	11:20am	11:20am	11:23am	3min	OK

REMARKS Tests done at 7' to verify treatment zone times

TYPE OF SOIL Shallow System only! → Glenelg Manor

TESTED BY SRK ALSO PRESENT Chuck Sharp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH 3'

INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 5' SO. FT/BEDROOM

255	588,755.3480	1,292,590.9600
256	588,490.6630	1,292,564.9300
257	588,224.1950	1,292,533.2150
258	587,914.2360	1,292,491.8890
259	587,242.0120	1,292,425.4520
260	587,086.1010	1,292,387.2460
261	586,913.7280	1,292,289.6710
262	586,631.4620	1,292,077.4450
263	586,444.4380	1,291,973.3260
296	585,909.5903	1,291,738.6982
297	586,161.4720	1,291,842.5070
300	588,977.0700	1,294,288.7710
301	588,869.3590	1,294,198.0060
302	588,551.9200	1,294,039.6390
303	588,291.7340	1,293,946.3030
304	586,833.2220	1,293,748.5980
305	586,783.2140	1,293,576.7250
306	586,745.5400	1,293,587.5440
307	586,333.6135	1,293,205.8341
431	585,777.9833	1,292,225.5908
500	589,355.1899	1,293,600.9534

255	179,452.4010	393,982.5126
256	179,372.3128	393,974.5784
257	179,291.0932	393,964.9119
258	179,196.6175	393,952.3157
259	178,991.7232	393,932.0656
260	178,944.2015	393,920.4204
261	178,891.6621	393,890.6795
262	178,805.6272	393,825.9924
263	178,748.6222	393,794.2574
296	178,585.6003	393,722.7427
297	178,662.3740	393,754.3836
300	179,520.5700	394,500.0064
301	179,487.7396	394,472.3412
302	179,390.9840	394,424.0708
303	179,311.6791	394,395.6219
304	178,867.1238	394,335.3613
305	178,851.8813	394,282.9743
306	178,840.3983	394,286.2720
307	178,714.8428	394,169.9266
431	178,545.4864	393,871.1478
500	179,635.8212	394,290.3592

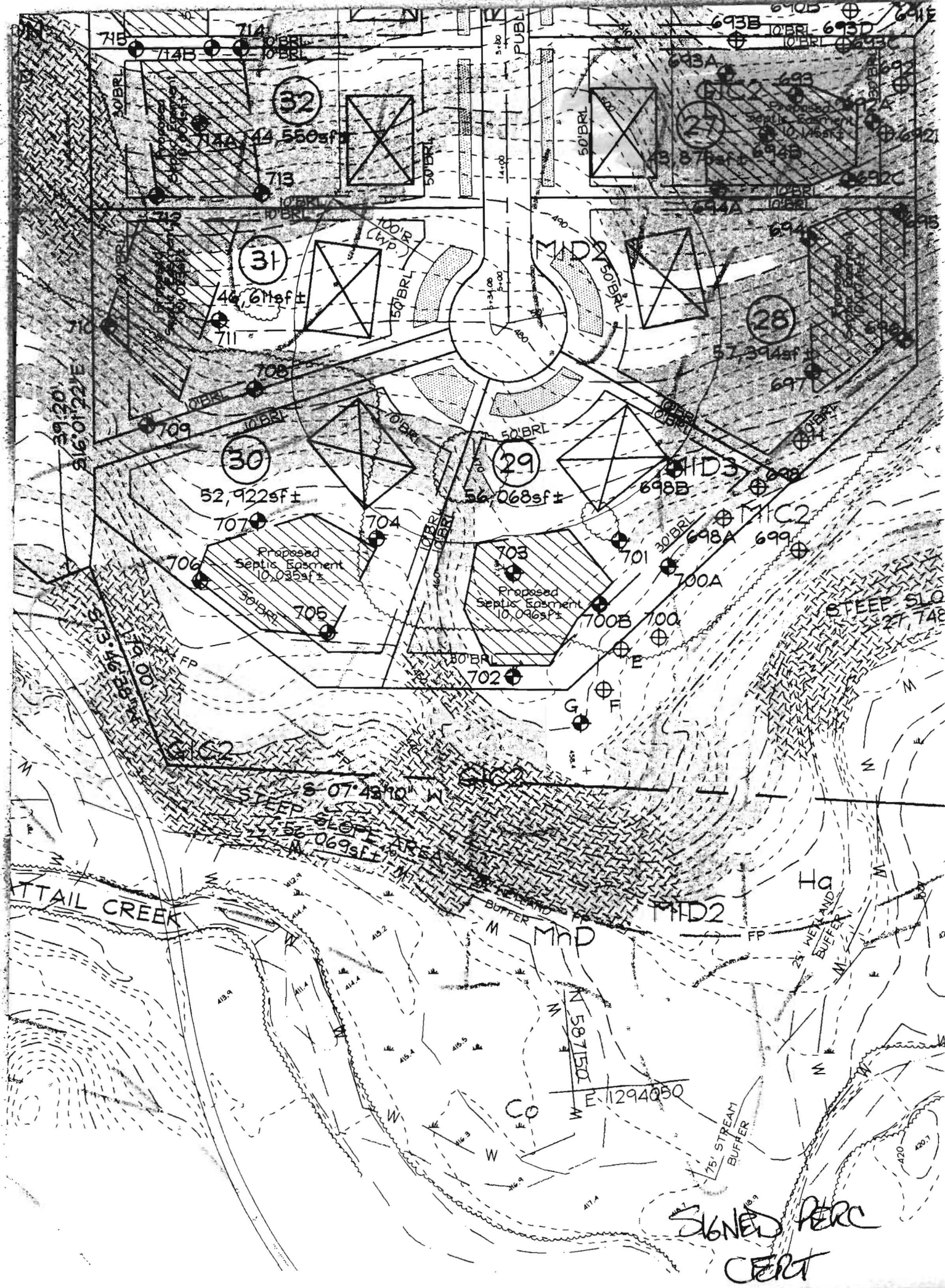
General Notes continued...

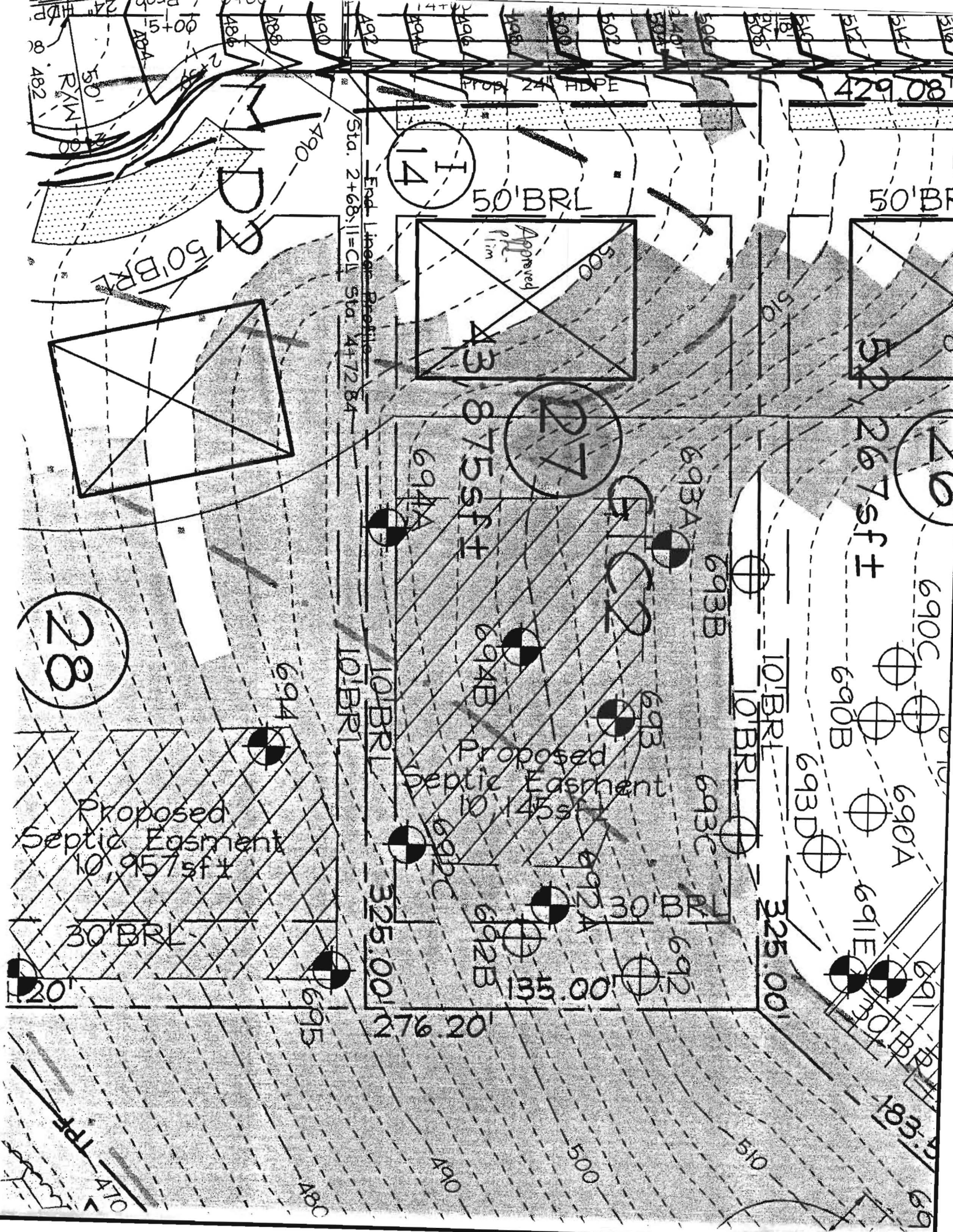
20. Distances shown are based on surface measurement and not reduced to NAD '83 grid measurement.
21. Areas shown are more or less.
22. Open space tabulation:
 - A. Open space required: $110.50 \times 5\% = 5.52 \text{ Ac.} \pm$
 - B. Open space provided Non-Buildable Parcels 'E' and 'F' = 7.91 Ac.
23. No clearing, grading or construction is permitted within wetland or stream system buffers unless approved by the Department Of Planning And Zoning.
24. All floodplains, wetlands and their required buffers are shown for informational purpose only in accordance with sections 16.115.(d) and 16.116.(a).(4).
25. Landscaping for all lots is provided in accordance with a certified Landscape Plan included with the road construction plan set in accordance with section 16.124 of the Howard County code and the Landscape Manual. Landscape surety in the amount of \$ 38,850.00 will be part of the Developer's agreement.
26. Density calculations:
 - a. Number of units based on own density = $110.50 / 4.25 = 26 \text{ units.}$
 - b. Numbers of units proposed = 45 units.
 - c. Numbers of CEO units required. = 19 units.
 - d. 19 CEO units have been transferred to this project.
 1. Keyes property Tax Map 14, Parcel 160, RE-03-002 DS4, Plat No. 15813
Grid 1 number of CEO units sent $(1 : 4.25) = 1$
 2. Belmont Farm Limited Partnership Tax Map 7, Parcel 490, RE-03-002, Plat No. 15812
Grid 13, number of CEO units sent $(1 : 4.25) = 2$
 3. Waterford Farm Parcel '9' Tax Map 20, Parcel 20, RE-03-002 DS3, Plat No. 15814
Grid 12 number of CEO units sent $(1 : 4.25) = 3$
 4. Talley Property Parcel '1' Tax Map 8, Parcel 34, RE-03-002 DS-1, Plat No. 15815
Grid 13 number of CEO units sent $(1 : 4.25) = 1$
 5. Talley Property Parcel '2' Tax Map 8, Parcel 34, RE-03-002 DS-2, Plat No. 15816
Grid 13 number of CEO units sent $(1 : 4.25) = 12$
27. For lots 16 thru 20, 26 thru 29, and 44: A septic system will have to be installed prior to issuance of a building permit.
28. Preservation parcels A, B, C, D, & G are environmental non-buildable preservation parcels, privately owned and maintained with Howard County and H.O.A. being easement holders. Preservation parcels E, & F are non-buildable stormwater management preservation parcels, H.O.A. owned and maintained with Howard County being easement holder.

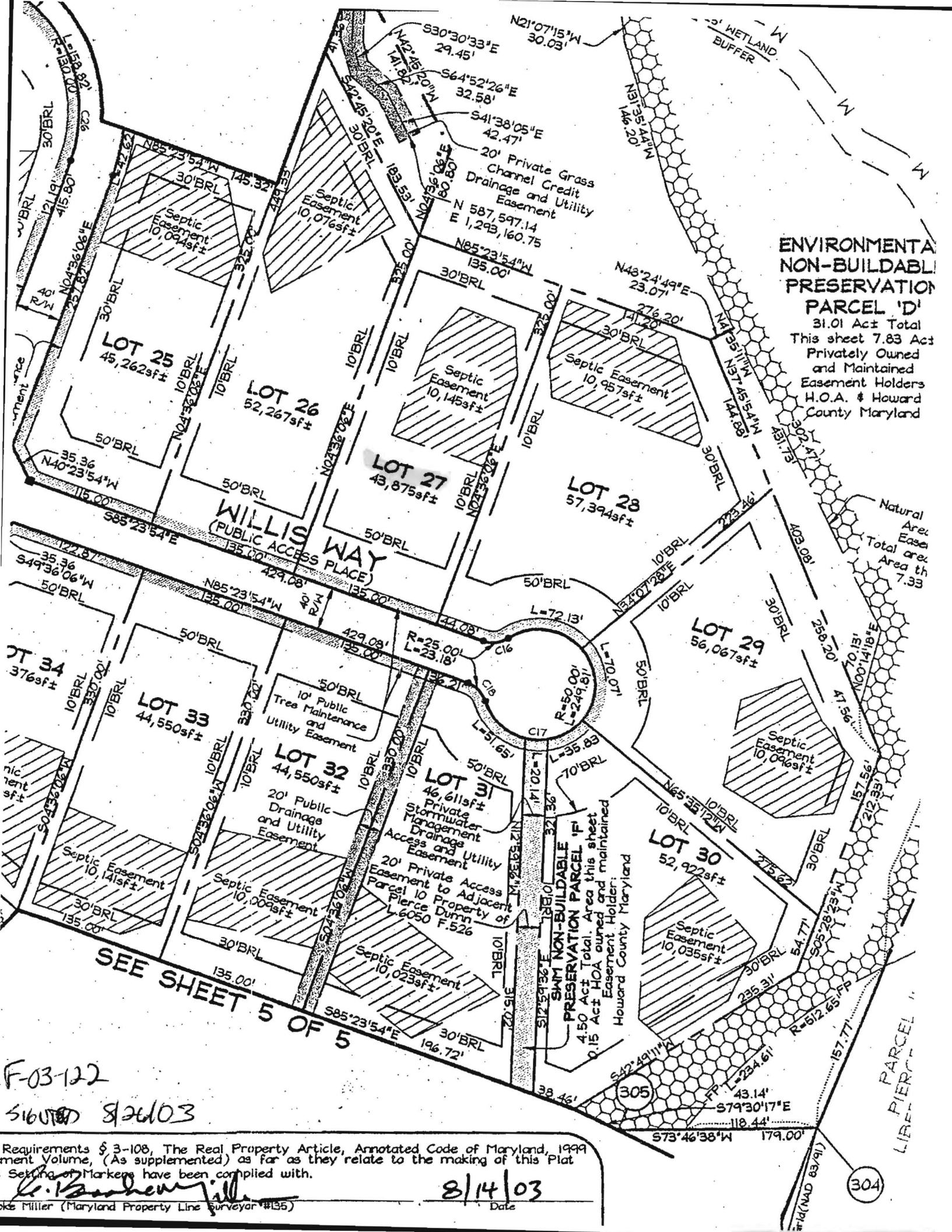
See this sheet for continuation...

AREA TABULATION CHART (Total)

1. Total number of Buildable Lots to be recorded: 45
Total area of Buildable Lots to be recorded: 50.16 Acres $\pm$
2. Total number of Non-Buildable Preservation Parcels to be recorded: 7
Total area of Non-Buildable Preservation Parcels to be recorded: 54.05 Acres $\pm$
3. Total area of public right of way to be recorded: 6.29 Acres $\pm$
4. Total area of subdivision to be recorded: 110.50 Acres $\pm$







**ENVIRONMENTAL
NON-BUILDABLE
PRESERVATION**

PARCEL 'D'

31.01 Acre Total
This sheet 7.83 Acre
Privately Owned
and Maintained
Easement Holders
H.O.A. # Howard
County Maryland

Natural
Area
Easement
Total Area
7.33

**ENVIRONMENTAL
NON-BUILDABLE
PRESERVATION PARCEL 'F'**
4.50 Acre Total. Area this sheet
0.15 Acre HOA owned and maintained
Easement Holder:
Howard County Maryland

PARCEL 'F'
PIERCE

F-03-122

SUBMITTED 8/26/03

Requirements § 3-108, The Real Property Article, Annotated Code of Maryland, 1999
ment Volume, (As supplemented) as far as they relate to the making of this Plat
Setting of Markers have been complied with.

8/14/03
Date

Miller (Maryland Property Line Surveyor #135)