

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 8/17/00

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER CROFTER, FROCK, LILLY AND BRADY

C/O TRINITY QUALITY HOMES INC

ADDRESS 7320 GEORGE DRIVE PHONE (410) 977-3082

Columbia MD 21044

AGENT OR PROSPECTIVE BUYER TRINITY QUALITY HOMES, INC

ADDRESS 7320 GEORGE DRIVE PHONE (410) 977 3082

Columbia MD 21044

PROPERTY LOCATION:

SUBDIVISION CASTLEBERRY AT TEU OAKS LOT NO. 9

ROAD AND DESCRIPTION TEU OAKS ROAD

TAX MAP 28 PARCEL # 551, 90, 60

SIZE OF LOT 40,000 - 60,000 TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE

FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO

COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Michael P. Proulx

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

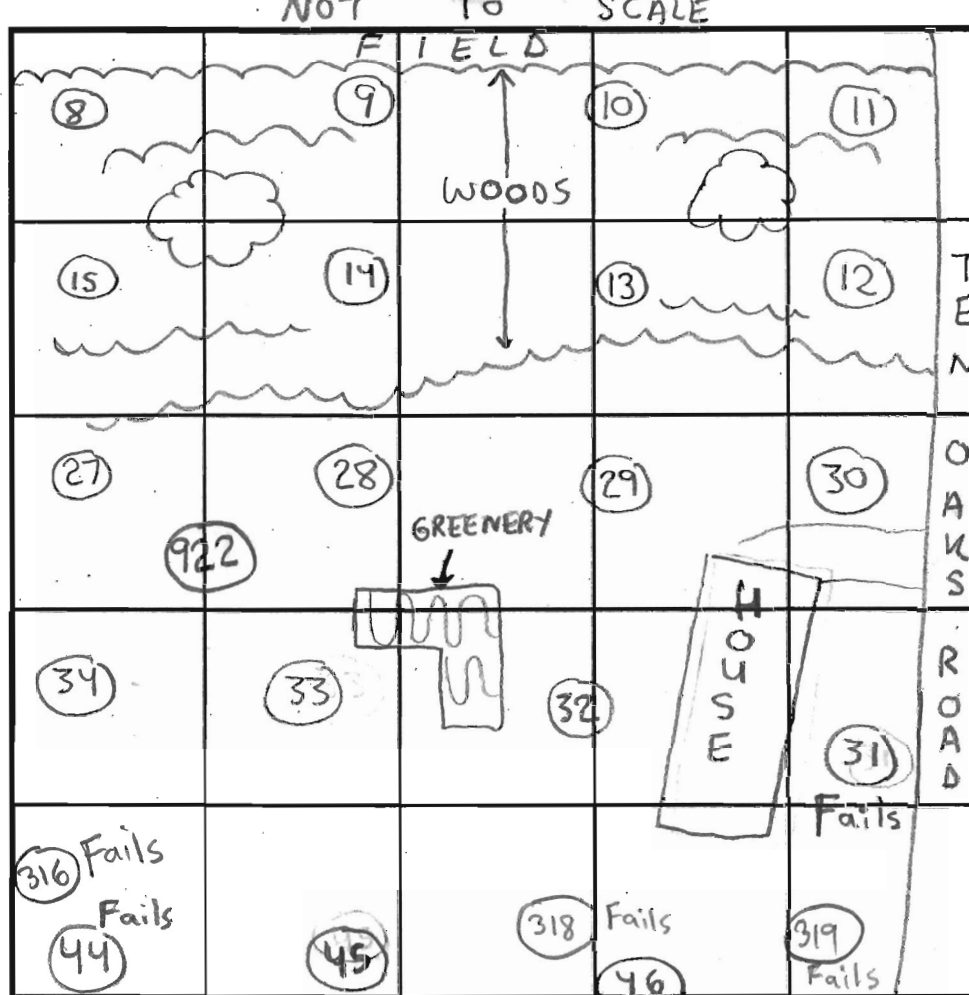
0' 30
3" Topsoil
red-orange brown clay
6' light-brown orange fine sandy loam less than 10% saprolite SCHIST
15'

31

4-6" Topsoil
red-orange clay
6' red-brown sandy clay loam
7'5" red-orange sandy loam less than 10% saprolite
14'5"

11

4-6" Topsoil
red-org brown hvy clay hvy sheen
5' red-orange brown sandy loam (fine)
0-5% mica SCHIST
13'



SOIL PROFILE

0' 12
4" Topsoil
orange-brown clay loam
4' orange-brown fine sandy loam 10-15% saprolite SCHIST
14'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/25/00	30	5'5" T / 13' V	9:49am	9:51am	9:51am	9:54am	3min	OK
	31	7'5" T / 14'5" V	10:01am	10:10am	10:10am	10:41am	31min	Fails
	31	(Clay layer deep)						
	11	5'10" T / 13' V	10:51am	11:01am	11:01am	11:23am	22min	OK
	12	6' T / 14' V	11:29am	11:30am	11:30am	11:32am	2min	OK

REMARKS

Deep Clay layer

TYPE OF SOIL

Chester & Glenelg

TESTED BY

SRK Chops. Atkins - Posthole
Robert Fyock - Backhoe

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

NOT TO SCALE

COUNTY #

SOIL PROFILE

52

0'	Topsoil
4"	red-brown clay
3'	red-brown clay loam
5'	red-brown loam 5% saprolite SCHIST
13'5"	

51

4"	Topsoil
4'5"	orange brown clay
5'	orange-brown clay loam
13'5"	light tan silty loam 5% saprolite SCHIST

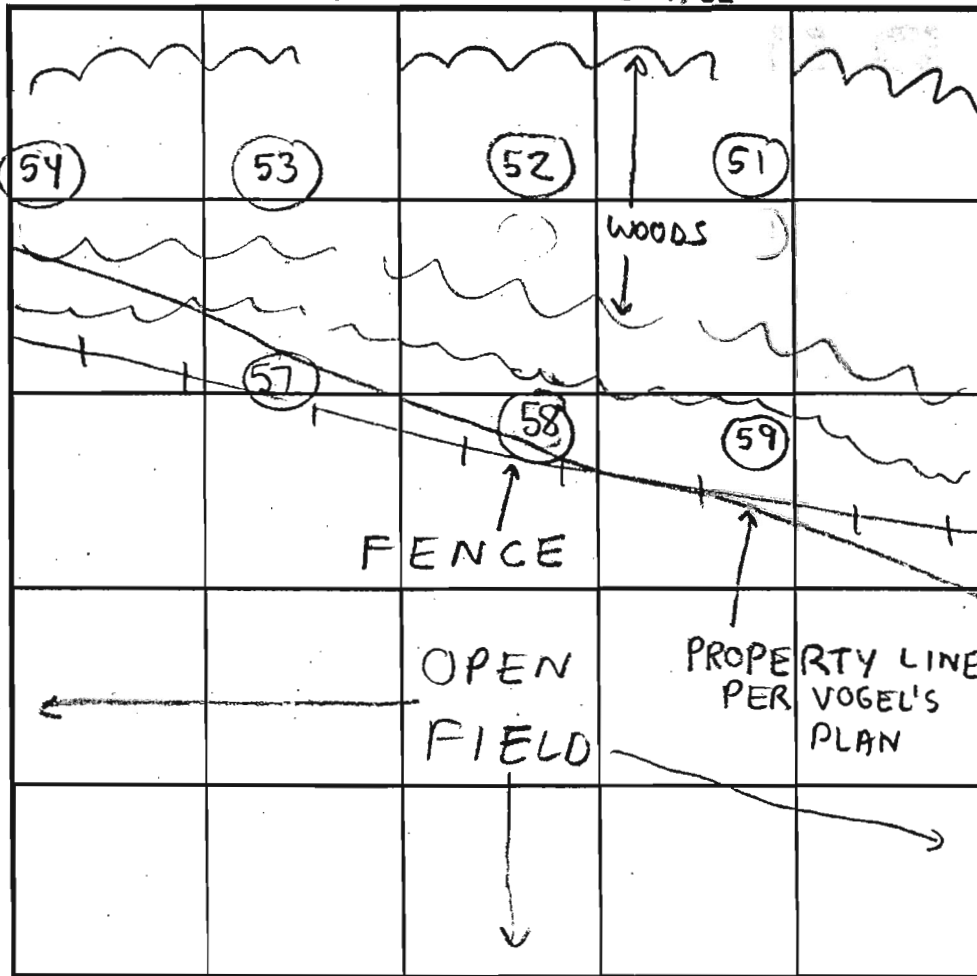
13

4"	Topsoil
4'5"	orange brown clay
6'	red-brown clay loam
13'	light tan silty loam 5% saprolite

SOIL PROFILE

10

0'	Topsoil
4"	red-brown clay
4'	red-brown clay loam
6'	red-brown loam micaceous SCHIST
13'	



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/24/00	52	13'V	(SEE SOIL PROFILE)				OK	OK
	51	3'5" T 13'5" V	2:47pm	2:52pm	3:52pm	3:02pm	10min	OK
	59	13'V	(SEE HOLE 51)				OK	OK
	13	6' T 13' V	3:47pm	3:49pm	3:49pm	3:52pm	3min	OK
	10	13'V	(SEE SOIL PROFILE)				OK	OK

REMARKS

Clay layer variable

TYPE OF SOIL

Chester

TESTED BY

SRK

Chris Atkins - Posthole
Robert Fuchs - Backhoe

ALSO PRESENT

Tim Keane

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

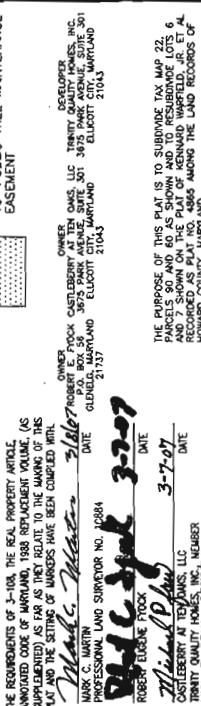
TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

	CURVE DATA			CHORD
	CURVE	RADIUS	TANGENT	
C1	41.32°	180.00'	30.75'	13708.08'
C2	32.21°	24.97'	18.78'	5073.35'
C3	20.33°	50.00'	100.34'	549.133.94'
C4	24.25°	50.00'	38.72'	332.58'15"
C5	21.38°	25.00'	11.39'	284.28'38"
C6	20.84°	65.00'	10.51'	485.94'00"
C7	29.84°	130.00'	14.98'	587.04'06"
C8				122.22'25"
C9				13709.08'
C10				N60°13'15"E
C11				20.75'
C12				41.23'



SHEET TABULATIONS

22. THE EXISTING HOUSES ON LOTS 29 AND 28 ARE TO BE REMOVED.

23. THE 100 YEAR FLOODPLAIN, DRAINAGE AND UTILITY EASEMENT IS DEDICATED TO HOWARD COUNTY, MARYLAND.

24. THE EXISTING WELL ON LOT 1 IS TO BE PROPERLY ABANDONED BEFORE SUBMITTING THE FINAL RECORD PLAT FOR SIGNATURE APPROVAL.

25. AN APTD TRAFFIC STUDY IS NOT REQUIRED FOR THIS PROJECT.

TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED 5

TOTAL AREA OF LOTS AND/OR PARCELS 4.80498 AC.

TOTAL AREA OF ROADWAYS TO BE RECORDED INCLUDING WIDENING STRIPS 1.06958 AC.

TOTAL AREA OF SUBDIVISION TO BE RECORDED 5.87456 AC.

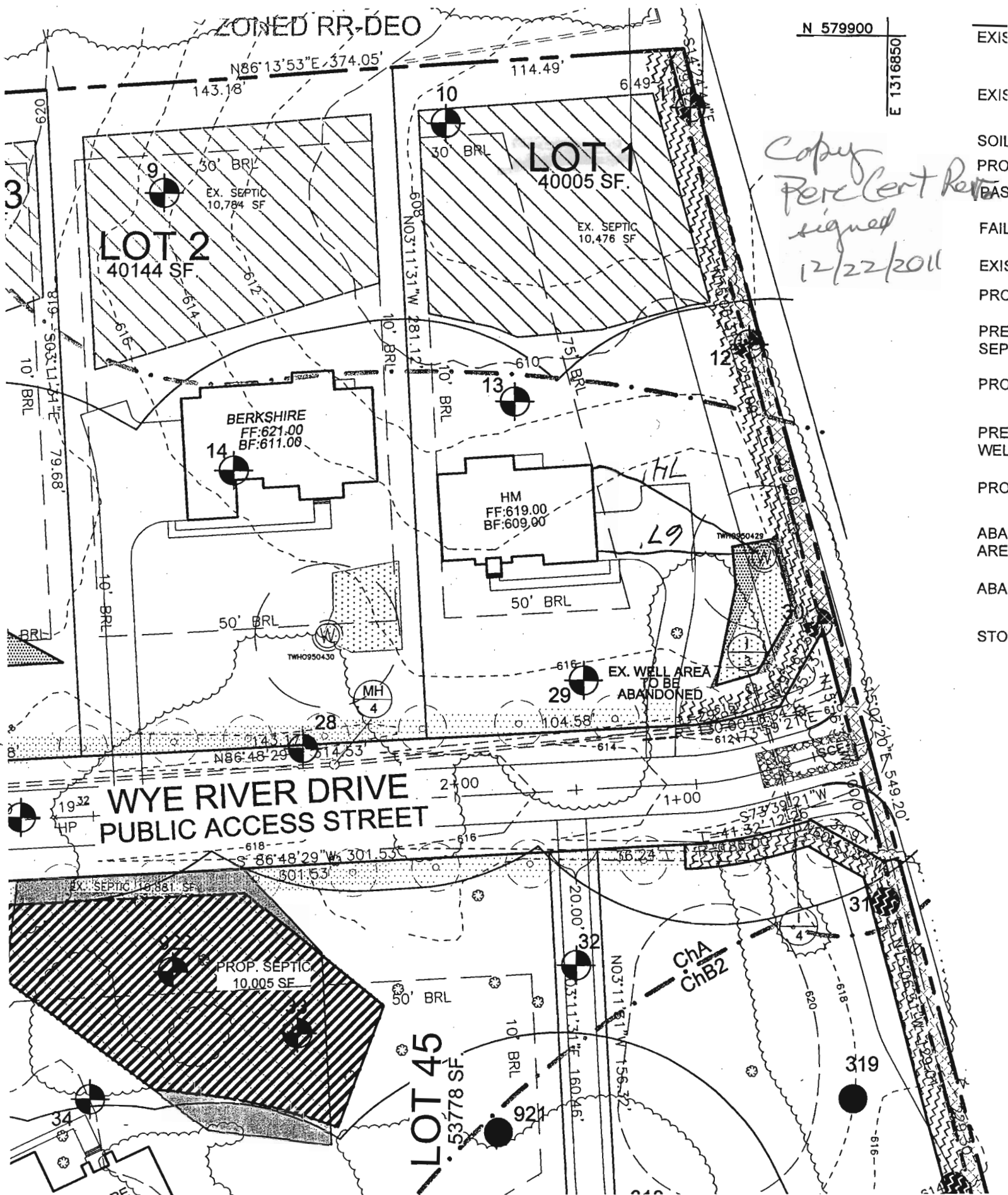
Robert J. Walker	4/18/07
HOWARD COUNTY HEALTH OFFICER	DATE

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CASTLEBERRY AT TEN OAKS
 LOTS 1-45 & NON-BUILDABLE PRESERVATION
 PARCELS A, C, D, E, AND BUILDABLE PRESERVATION
 PARCEL B
 TAX MAP 22, GRID 10, 10, PARCELS 90 & 60
 A RESUBDIVISION OF LOTS 6 & 7
 OF THE FLAT OF KENNEDY HARBOR, ET AL.
 TAX MAP 22, GRID 10, PARCELS 50, ET AL.
 TAX MAP 22, GRID 20, PARCEL 551
 RE-05-004, P-05-04, S01-11
 FEBRUARY 23, 2007
 SCALE 1" = 50'
 50' 0' 50' 100' 150'



Signed Per
Cert



N 579900

E 1316850

*Copy
Per Cent Rev
signed
12/22/2011*

EXIS
EXIS
SOIL
PRO
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FAIL
EXIS
PRC
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SEP
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WEL
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