

04367731

LAYOUT _____ INSP 4 _____

INSP 2 _____ INSP 5 _____

INSP 3 11/18/04-Moon INSP 6 _____

ISSUE DATE: 7/28/2004

P 520803

APPROVAL DATE: 11/18/04

A 515227-I

PERMIT

INDEXED

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

04-367731

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 580 Obrecht Rd, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: Waterford Farms LOT NUMBER: 10

ADDRESS: 3169 Lorenzo Lane Toll MD II, LP

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED
With EFFLUENT FILTER

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 217 HOUSE SERVED BY PUBLIC WATER
4

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. <u>2.0</u> feet of stone below distribution pipe. <u>3</u>
LOCATION:	Place the distribution box at the highest elevation in the SDA.
NOTES:	System designed based on test holes 635A & 636

PLANS APPROVED: Kevin Bell Reviewed by: _____ DATE: 3/4/04

NOTES: PERMIT VOID AFTER 2 YEARS
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
WATERTIGHT SEPTIC TANKS REQUIRED
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

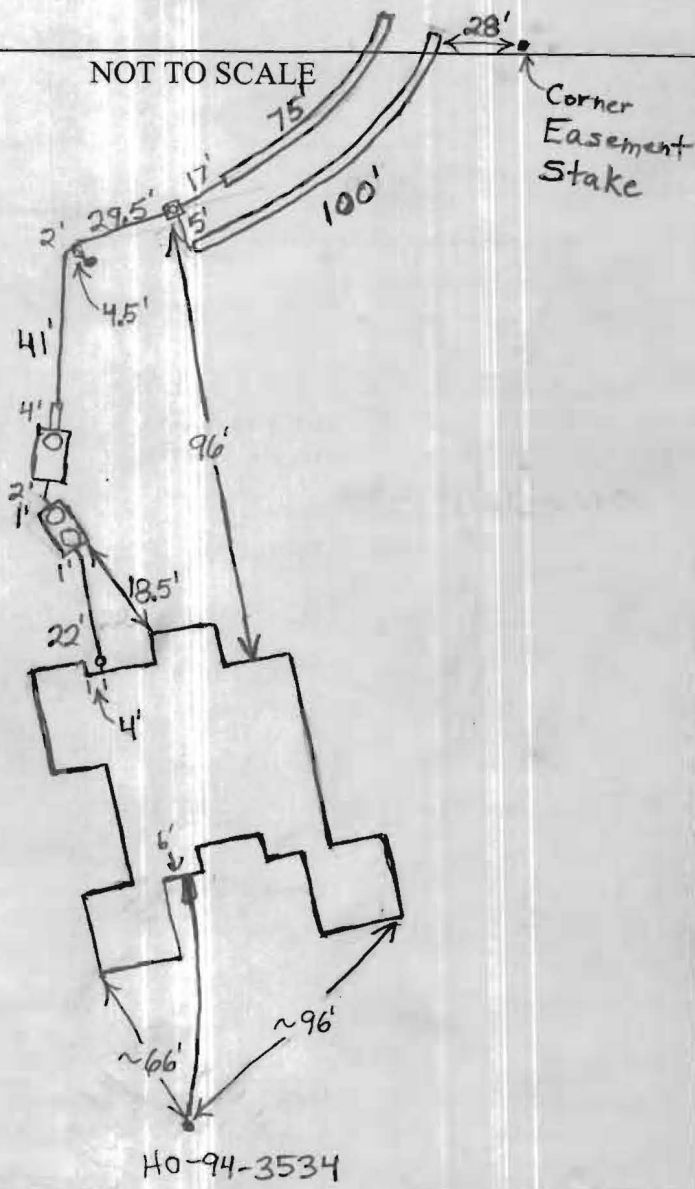
BUILDING PERMIT SIGNED 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

AND RETURNED

4/19/06 BOD 159109 - DECK

A515227-I

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'	7'
NUMBER OF TRENCHES <u>2</u>		
TOTAL LENGTH <u>175'</u>		
ABSORPTION AREA <u>525 + Sidewalk</u>		
DISTRIBUTION BOX LEVEL <u>Levelers</u>		
DISTRIBUTION BOX BAFFLE <u>Elbow</u>		
DISTRIBUTION BOX PORT <u>Yes</u>		

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL <input checked="" type="checkbox"/>		
CAPACITY	<u>1500</u>	GAL
SEAM LOC	<u>Top</u>	
TANK LID DEPTH	<u>~2'</u>	
BAFFLES	<u>Yes</u>	
BAFFLE FILTER	<u>Yes</u>	
MANHOLE LOC	<u>Front+Back</u>	
6" PORT LOC	<u>None</u>	
WATERTIGHT TEST	<u>No</u>	
SEPTIC TANK 2 LEVEL <input checked="" type="checkbox"/>		
CAPACITY	<u>1500</u>	GAL
SEAM LOC	<u>Top</u>	
TANK LID DEPTH	<u>2.5'</u>	
BAFFLES	<u>None</u>	
BAFFLE FILTER	<u>No</u>	
MANHOLE LOC	<u>Rear</u>	
6" PORT LOC	<u>None</u>	
WATERTIGHT TEST	<u>No</u>	

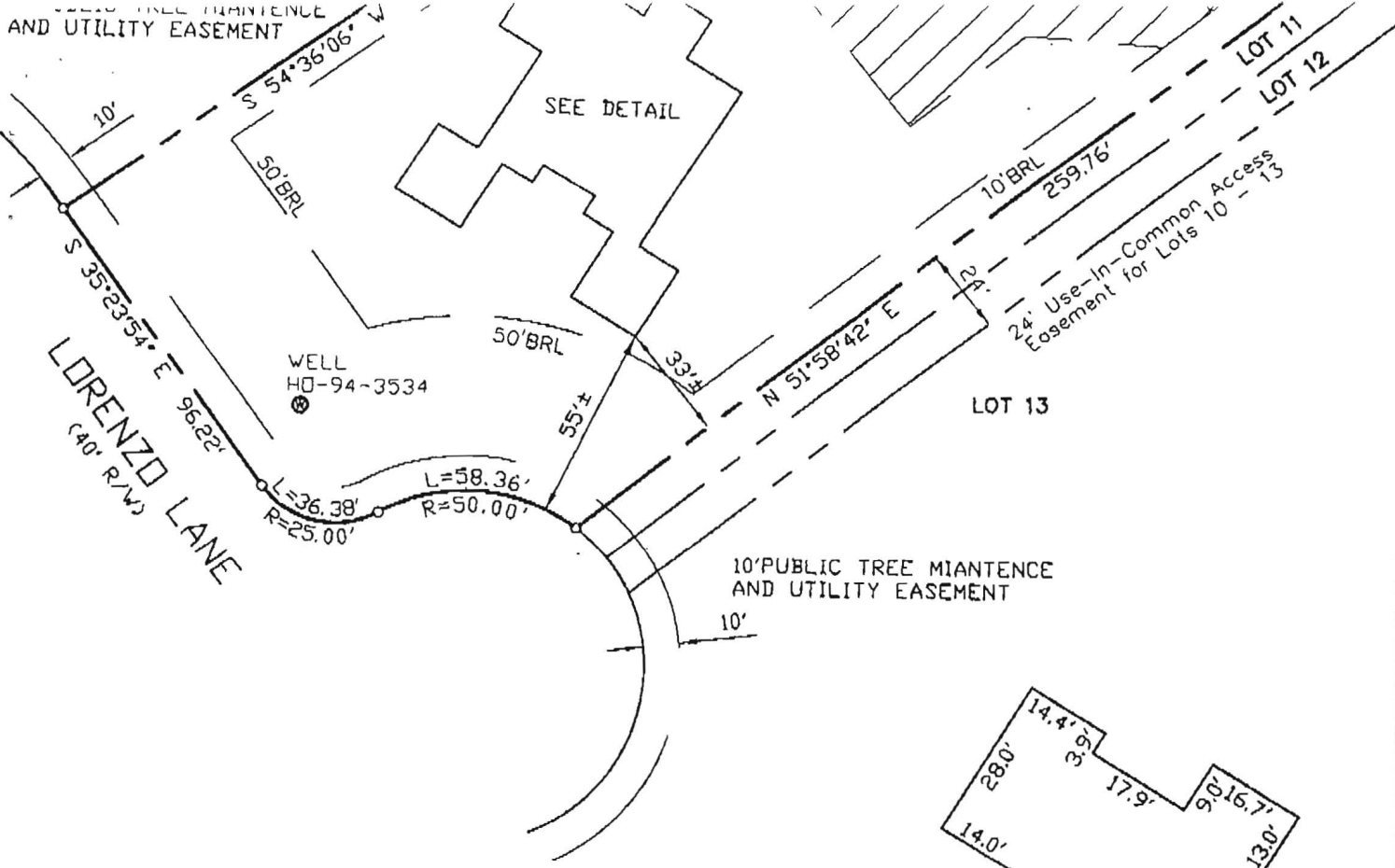
PRE-CONSTRUCTION 8/6/04 - SRA staked, contours not accurate
Re-spaced trenches to better fit area. Need to shoot contours to
 INSTALLATION get accurate layout (SO) 8/12/04 Primary system
installed. O.K. to cover. Need pump and alarm test for
final approval. (BB)
11/8/04 - Pump & Alarm tests OK (SO)

BUILDING PERMIT SIGNAL
AND RETURNED

FINAL INSPECTOR [Signature]

DATE OF APPROVAL 11/18/04

10' PUBLIC TREE MAINTENANCE AND UTILITY EASEMENT



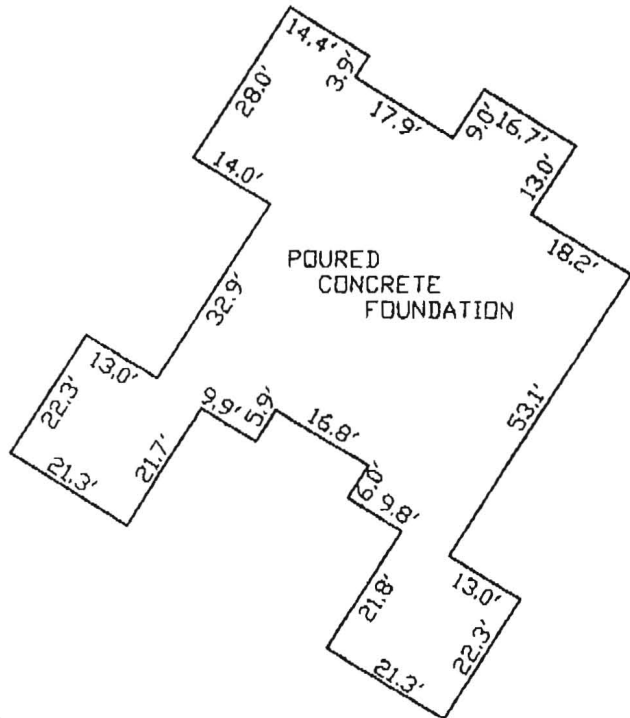
TOP OF FOUNDATION WALL ELEVATION = 516.4'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 06-14-04 ; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY FSH ASSOCIATES, INC. ENTITLED " WATERFORD FARMS LOTS 1 THRU 45 ", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No.16164

David M. Harris

DAVID M. HARRIS
REGISTERED PROFESSIONAL LAND SURVEYOR
MD REG. No. 10978
FOR BENCHMARK ENGINEERING, INC.
MD REG. No. 351
RECORD PLAT No. 16164
FEMA FIRM No. 240044 0013 B
ZONE: C
DATED: 12/04/86



~FOUNDATION DETAIL'

SCALE: 1" = 30'

WALL CHECK

**WATERFORD FARMS
LOTS 1 THRU 45**

LOT No. 10

3169 LORENZO LANE

4TH ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 06/14/04

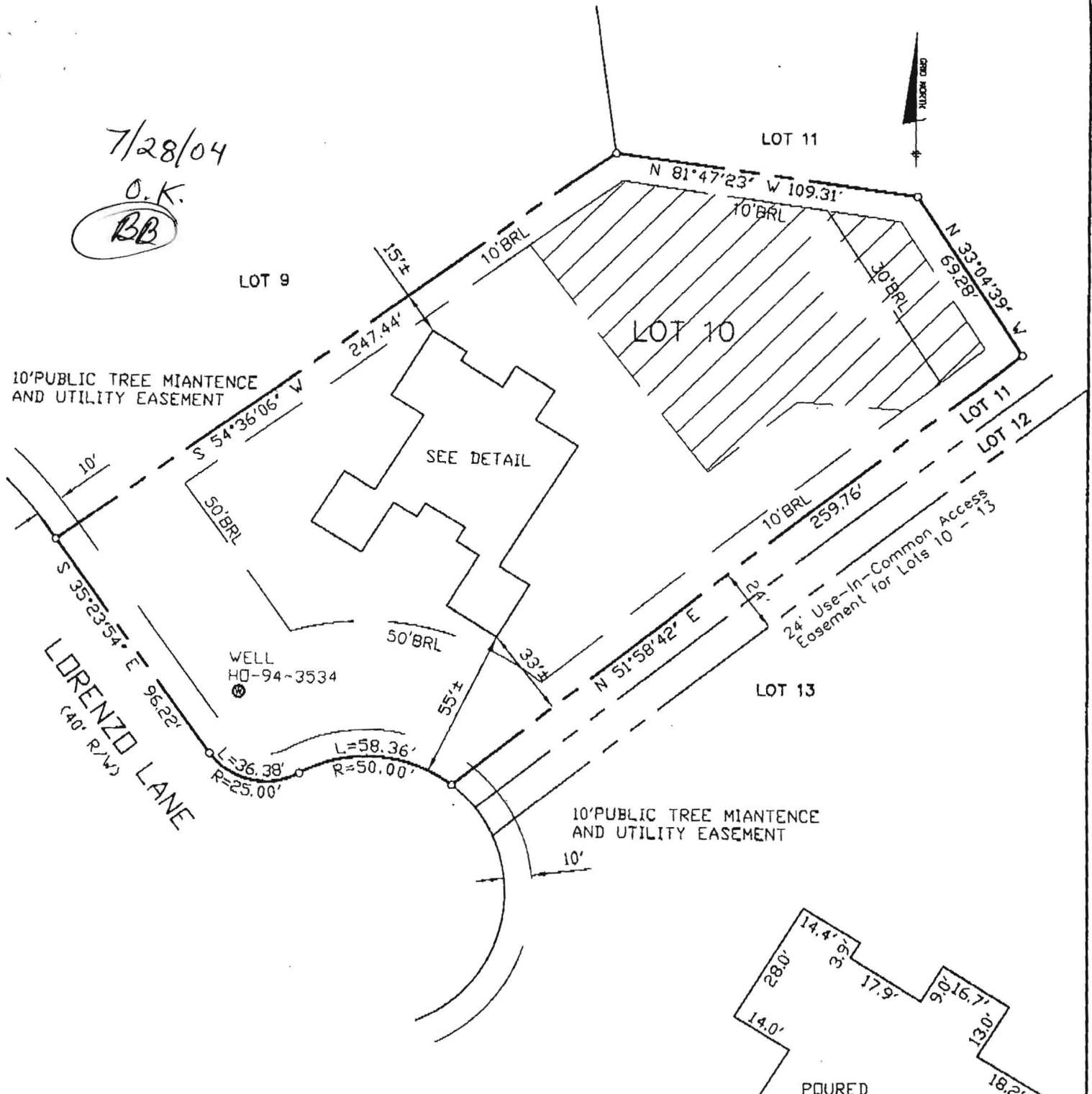
BENCHMARK
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE A SUITE 418
ELLCOTT CITY, MARYLAND 21043
phone: 410-683-8105 A fax: 410-403-8844
email: benchmark@earth.com

7/28/04

O.K.

BB



10' PUBLIC TREE MAINTENANCE AND UTILITY EASEMENT

SEE DETAIL

WELL HO-94-3534

LORENZO LANE
(40' R/W)

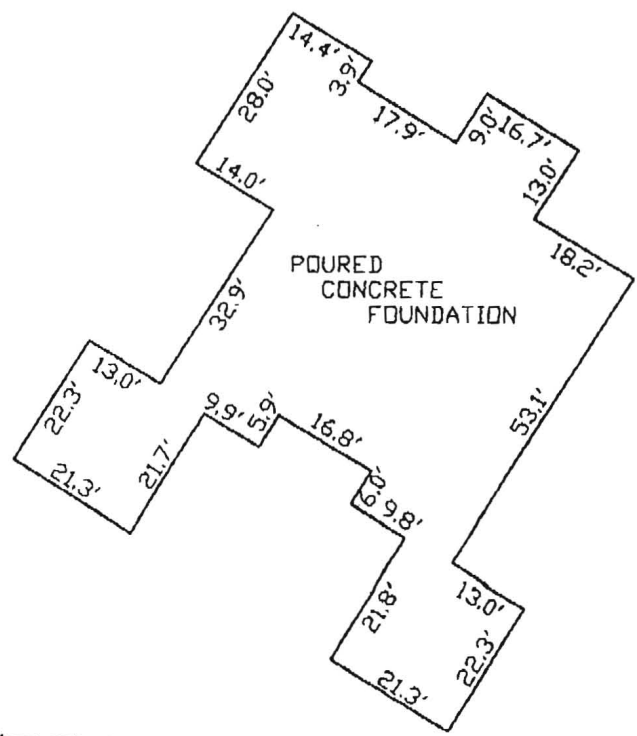
10' PUBLIC TREE MAINTENANCE AND UTILITY EASEMENT

24' Use-In-Common Access Easement for Lots 10 - 13

TOP OF FOUNDATION WALL ELEVATION = 516.4'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

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