

LAYOUT 9/12/05 INSP 4 _____
 INSP 2 9/13/05 INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 7/27/05
 APPROVAL DATE: 10/18/05

P 523021
 A 515228-E

PERMIT
INDEXED
TAX ID #03341771

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

Hatfield's Equipment IS PERMITTED TO INSTALL ALTER

ADDRESS: PO Box 519, Annapolis Junction PHONE NUMBER: 410-531-6773

SUBDIVISION: Paddocks East LOT NUMBER: 5

ADDRESS: 13579 Julia Manor Way PROPERTY OWNER: Pulte Homes, Inc.

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

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 150 HOUSE SERVED BY PUBLIC WATER

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 3.0 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box at the highest elevation in the middle of the approved SDA.
NOTES:	

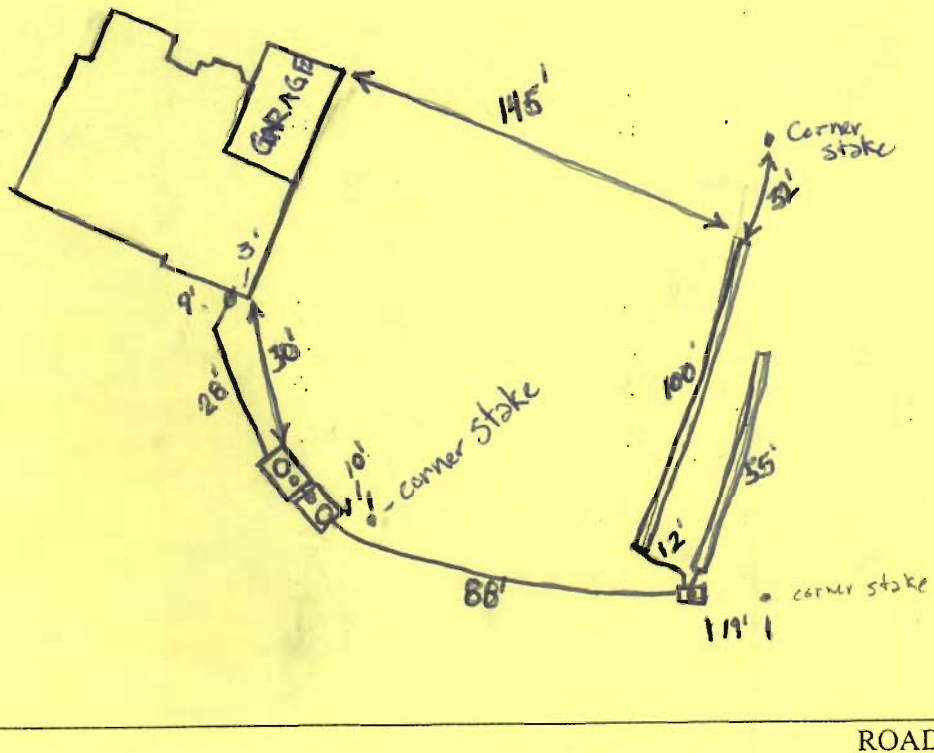
PLANS APPROVED: Kevin J. Bell Reviewed by: KJB DATE: 1/20/05

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 ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A 515228-E

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	3'	6'
NUMBER OF TRENCHES		2
TOTAL LENGTH		155'
ABSORPTION AREA		465 ft ²
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		yes
DISTRIBUTION BOX PORT		yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	✓	
Capacity	1500	GAL
SEAM LOC	Top	
TANK LID DEPTH	1/2-2 1/2'	
BAFFLES	yes 4 1/2	
BAFFLE FILTER	No	
MANHOLE LOC	Inlet	
6" PORT LOC	Outlet	
WATERTIGHT TEST	No	
SEPTIC TANK 2 LEVEL	✓	
Capacity	1500	GAL
SEAM LOC	Top	
TANK LID DEPTH	3'	
BAFFLES	✓ Inlet	
BAFFLE FILTER	No	
MANHOLE LOC	Outlet	
6" PORT LOC	Inlet	
WATERTIGHT TEST	No	

PRE-CONSTRUCTION 9/12/05 Run 2x trenches. 1x50' and 1x100' from just before back for corner stake as close to contour as possible to edge of easement closest to lot 6. Do not place D-box in middle of easement per plan. Pump System. (GAC) 9/13/05 System installed OK to cover. (GAC) Needs pump & Alarm test, 10/18/05 = Pump Alarm, pump works, ~~alarm does not work, may be burned out.~~ (Alarm-22, pump-5 [circuit #5]) Alarm O.K.

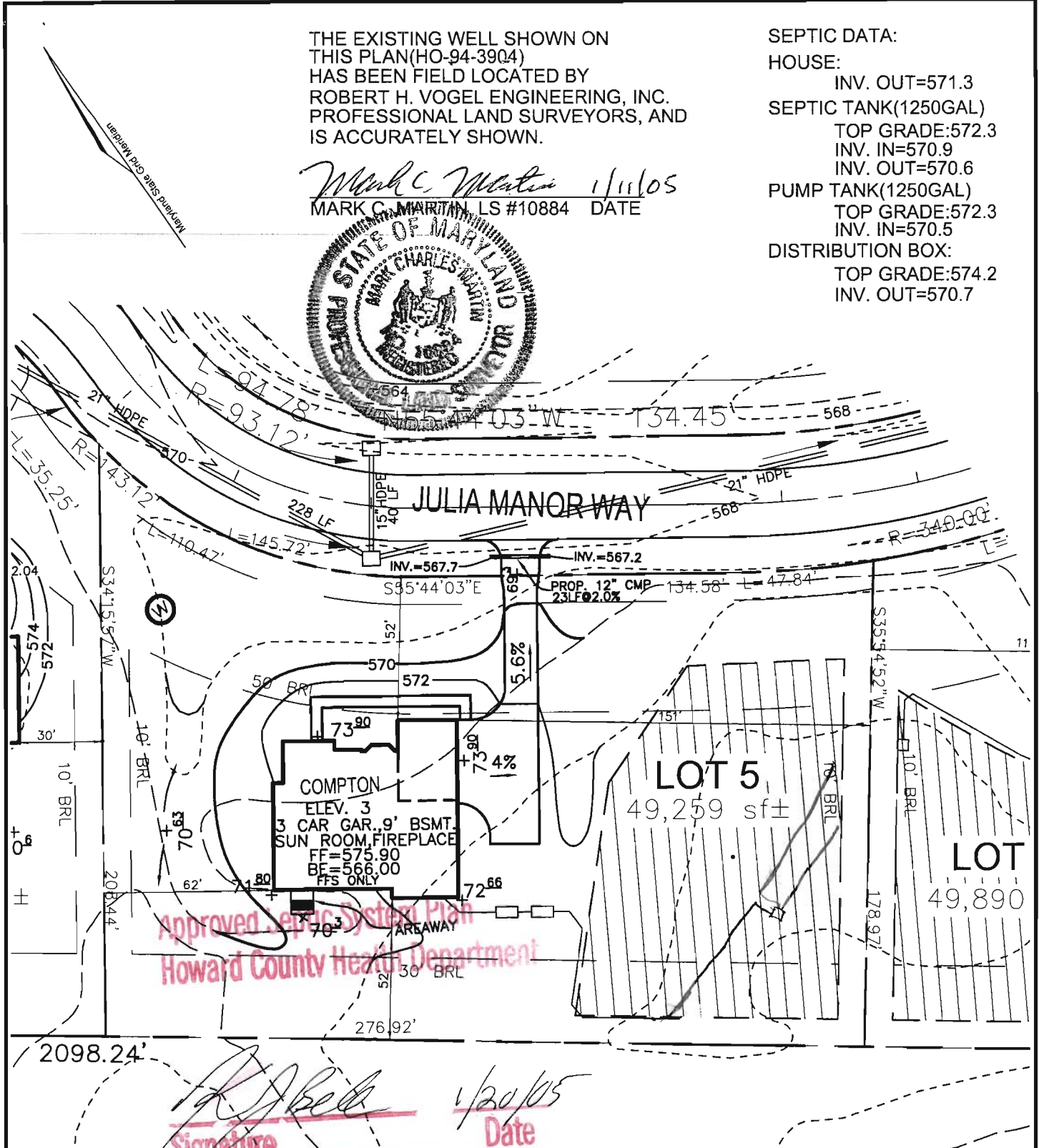
FINAL INSPECTOR (GAC)

DATE OF APPROVAL 10/18/05

THE EXISTING WELL SHOWN ON THIS PLAN (HO-94-3904) HAS BEEN FIELD LOCATED BY ROBERT H. VOGEL ENGINEERING, INC. PROFESSIONAL LAND SURVEYORS, AND IS ACCURATELY SHOWN.

SEPTIC DATA:
 HOUSE:
 INV. OUT=571.3
 SEPTIC TANK(1250GAL)
 TOP GRADE:572.3
 INV. IN=570.9
 INV. OUT=570.6
 PUMP TANK(1250GAL)
 TOP GRADE:572.3
 INV. IN=570.5
 DISTRIBUTION BOX:
 TOP GRADE:574.2
 INV. OUT=570.7

Mark C. Martin 1/11/05
 MARK C. MARTIN, LS #10884 DATE



Approved Septic System Plan
 Howard County Health Department

R. J. Bell 1/20/05
 Signature Date

SCALE 1"=50'
 DRAWN BY JCO
 CHECKED BY JCO
 DATE JANUARY, 2005
 W. O. # 2034058
 SHEET# 1 OF 1

TAX MAP 22
 3RD ELECTION DISTRICT

PULTE HOMES
 PADDOCKS EAST
 LOT 5

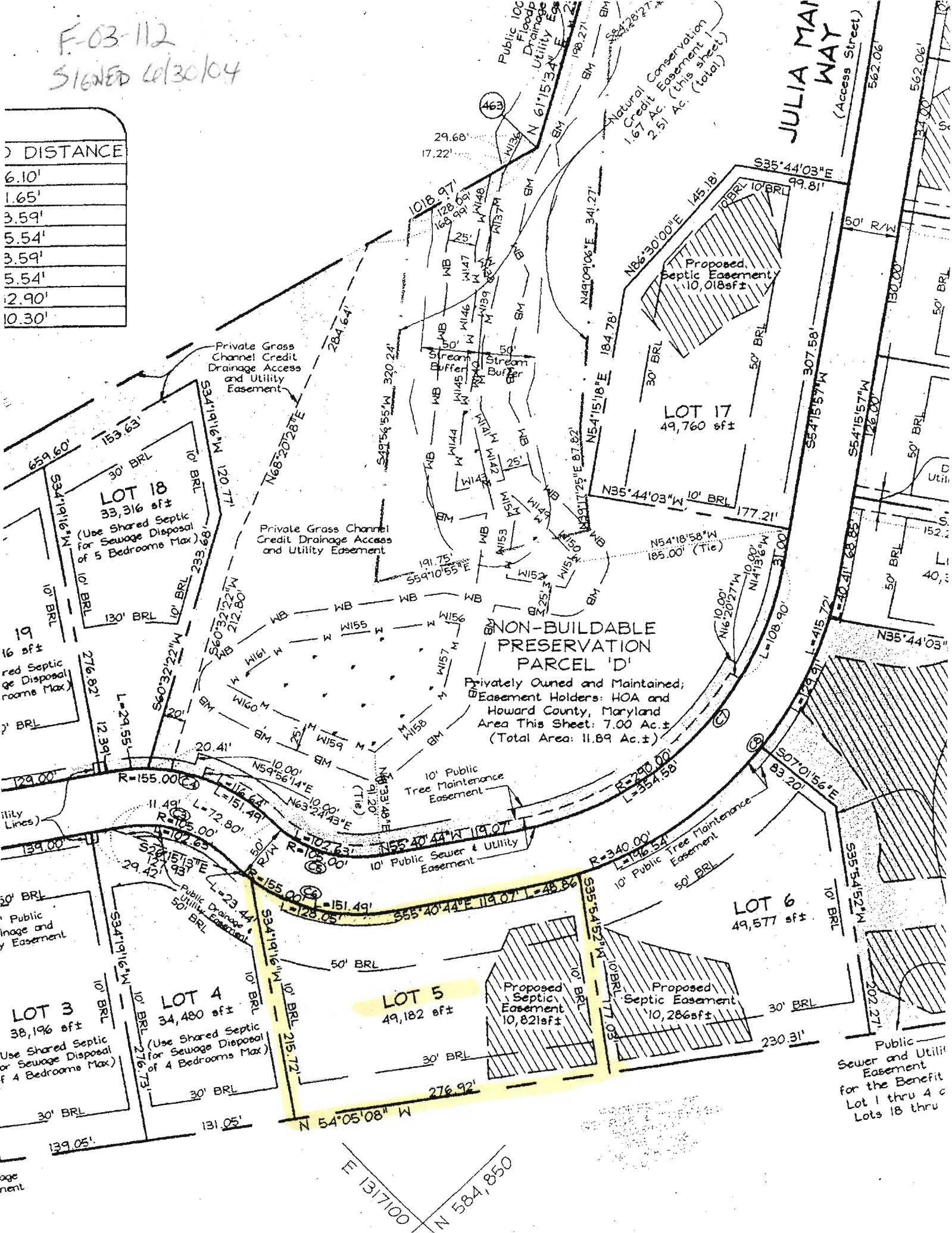
PARCEL 7
 HOWARD COUNTY, MARYLAND



**ROBERT H. VOGEL
 ENGINEERING, INC.**
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET
 ELLICOTT CITY, MD 21043
 TEL: 410.461.7666
 FAX: 410.461.8961

F-03-112
 SIGNED 6/30/04

DISTANCE
6.10'
1.65'
3.59'
5.54'
3.59'
5.54'
2.90'
10.30'



JULIA WAY
 (Access Street)

LOT 18
 33,316 sqft
 (Use Shared Septic for Sewage Disposal of 5 Bedrooms Max)

LOT 19
 16 sqft
 (Use Shared Septic for Sewage Disposal of 5 Bedrooms Max)

LOT 3
 38,196 sqft
 (Use Shared Septic for Sewage Disposal of 4 Bedrooms Max)

LOT 4
 34,480 sqft
 (Use Shared Septic for Sewage Disposal of 4 Bedrooms Max)

LOT 5
 49,182 sqft

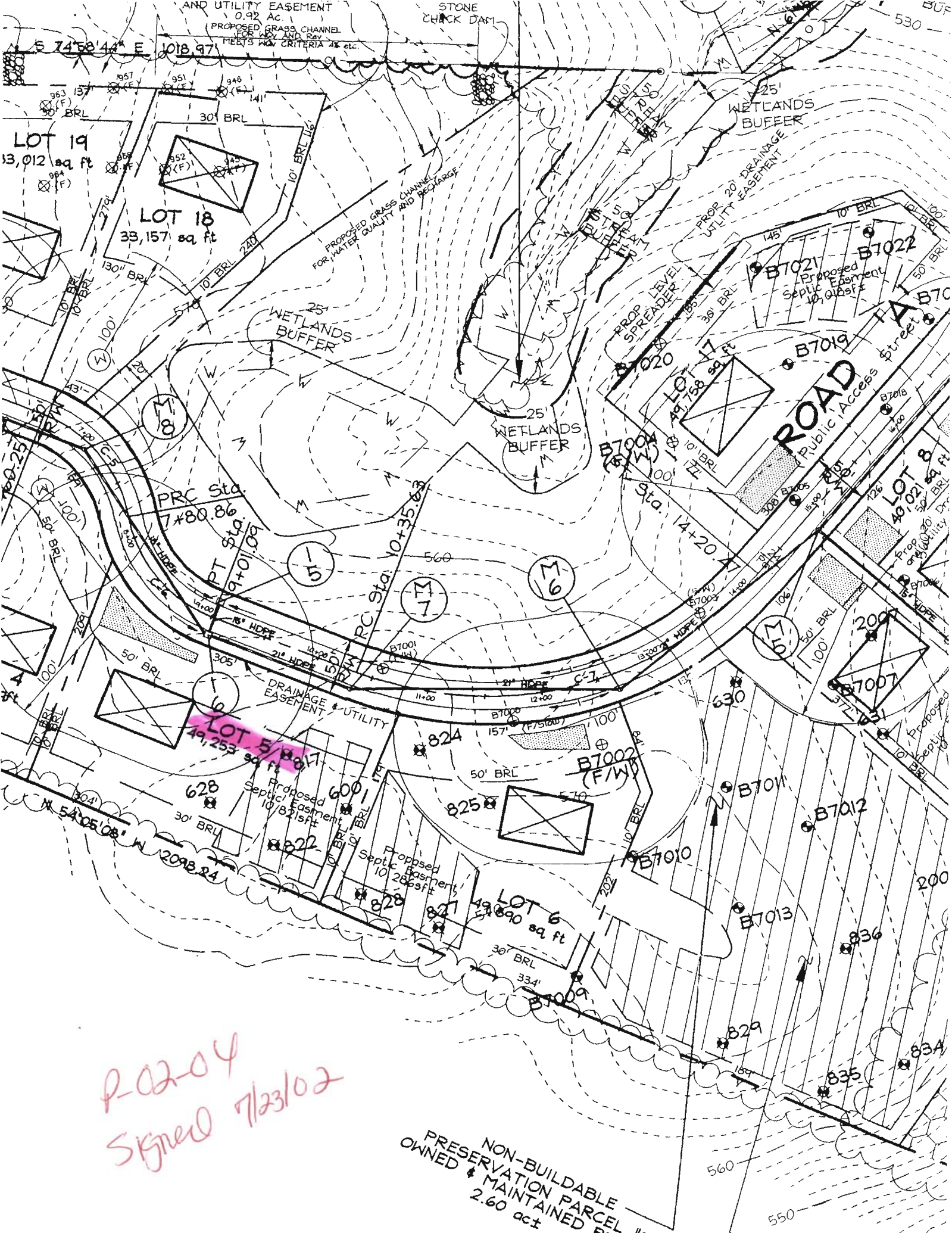
LOT 6
 49,577 sqft

LOT 17
 49,760 sqft

NON-BUILDABLE PRESERVATION PARCEL 'D'
 Privately Owned and Maintained;
 Easement Holders: HOA and Howard County, Maryland
 Area This Sheet: 7.00 Ac.±
 (Total Area: 11.89 Ac.±)

E 1317100
 N 584,850

Public Sewer and Utility Easement for the Benefit Lot 1 thru 4 c Lots 18 thru



P-02-04
 Signed 7/23/02

NON-BUILDABLE
 PRESERVATION PARCEL
 OWNED & MAINTAINED BY
 2.60 ac

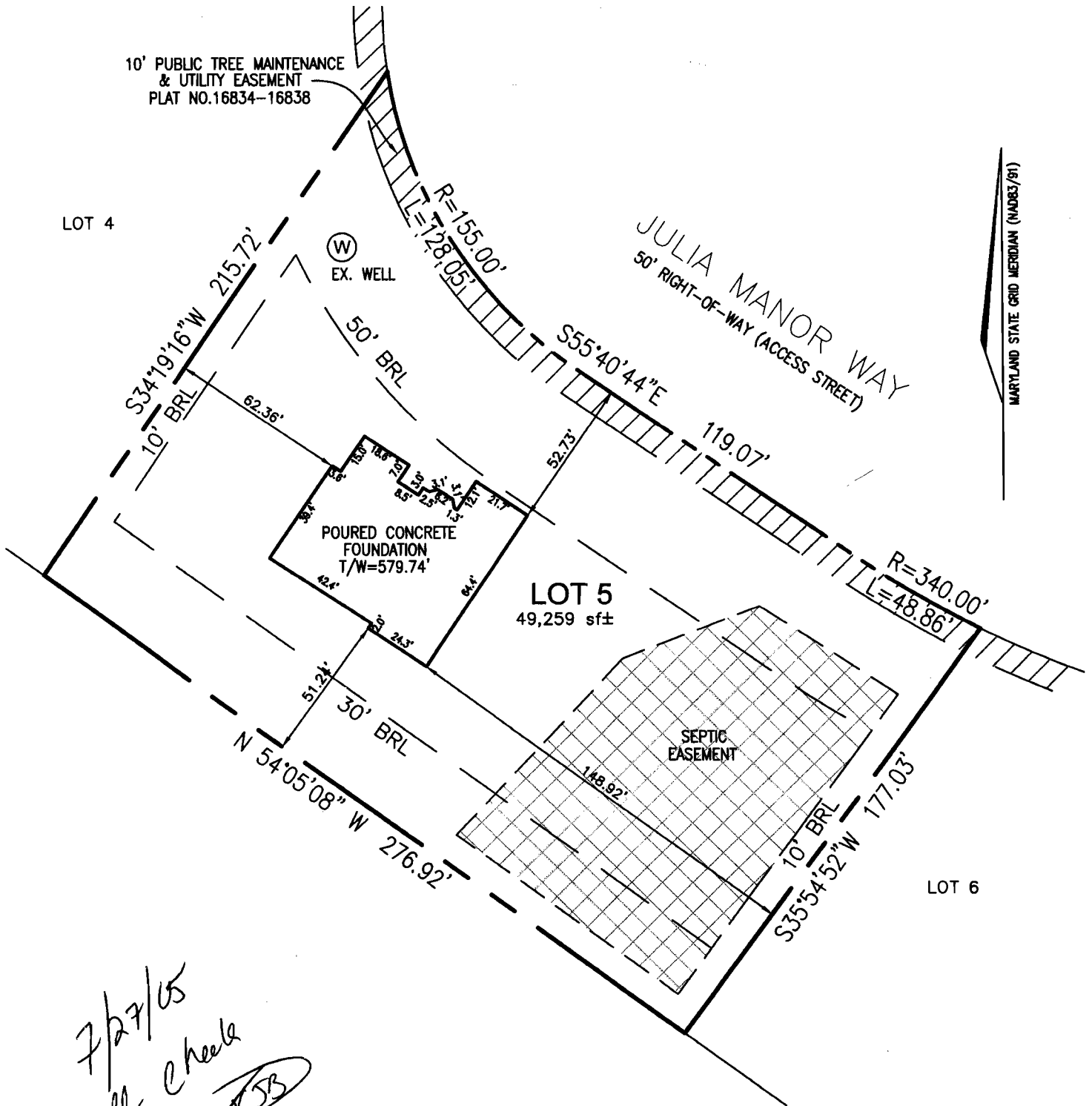
10' PUBLIC TREE MAINTENANCE
& UTILITY EASEMENT
PLAT NO.16834-16838

LOT 4

Ⓜ
EX. WELL

JULIA MANOR WAY
50' RIGHT-OF-WAY (ACCESS STREET)

MARYLAND STATE GRID MERIDIAN (NAD83/91)



*7/27/05
Wall check
OK (RSB)*

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE,
INFORMATION AND BELIEF THAT THE IMPROVEMENTS ARE
LOCATED AS SHOWN AND THERE ARE NO ENCROACHMENTS
EXCEPT AS SHOWN.

Mark C. Martin 6/1/05
MARK C. MARTIN, PROFESSIONAL LAND SURVEYOR #10884 DATE



SCALE 1"=50'	DATE 5/27/05	ROBERT H. VOGEL ENGINEERING, INC. ENGINEERS - SURVEYORS - PLANNERS 8407 MAIN STREET ELLICOTT CITY, MARYLAND 21043 TEL:410-461-7666 FAX:410-461-8961	WALL CHECK DRAWING
DRAWN BY B.ABBOTT	CHECKED BY M.C.M.		LOT 5 PADDOCKS EAST PLAT NO. 16834-16838
PLAT NUMBER 16835	JOB NUMBER 04-98.00		TAX MAP 22 PARCEL 7 3rd ELECTION DISTRICT HOWARD COUNTY, MARYLAND