

LAYOUT 2/12/08 INSP 4 \_\_\_\_\_  
INSP 2 2/14/08 INSP 5 \_\_\_\_\_  
INSP 3 2/15/08 INSP 6 \_\_\_\_\_

ISSUE DATE: 1/23/08

# PERMIT

P 528450

APPROVAL DATE: 2/19/08 (MD)

A 515042

TAX ID # 05-441544

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

Fogles Septic Clean IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION: Homewood Crossing LOT NUMBER: 23

ADDRESS: 11551 Fox River Drive PROPERTY OWNER: Toll MD III LP

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5 *Trenches 2' Wide*

SQUARE FEET PER BEDROOM: \_\_\_\_\_ *Inlet 5'*

LINEAR FEET OF TRENCH REQUIRED: 259 *Bottom 8'*

*5-52' Trenches*

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 5.0 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	
NOTES:	Install system per plan unless directed by Health Department. Layout inspection required prior to installation.

PLANS APPROVED: Sara Sappington DATE: 6/22/08

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

**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 CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

NOT TO SCALE

0703212

As-Built Drawing  
on Separate Sheet

ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	5'	8'
NUMBER OF TRENCHES		5
TOTAL LENGTH		264'
ABSORPTION AREA		528'
DISTRIBUTION BOX LEVEL		Level
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	2-3'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Front / Rear
6" PORT LOC	None
WATERTIGHT TEST	✓
<del>SEPTIC TANK 2 LEVEL</del>	
<del>CAPACITY</del>	<del>_____ GAL</del>
<del>SEAM LOC</del>	<del>_____</del>
<del>TANK LID DEPTH</del>	<del>_____</del>
<del>BAFFLES</del>	<del>_____</del>
<del>BAFFLE FILTER</del>	<del>_____</del>
<del>MANHOLE LOC</del>	<del>_____</del>
<del>6" PORT LOC</del>	<del>_____</del>
<del>WATERTIGHT TEST</del>	<del>_____</del>

Babylon  
2-comp  
5/10/08

PRE-CONSTRUCTION 2/12/08 Keep septic tank out of drainage swale. I install five 52' trenches as shown on copy

INSTALLATION of building permit plan. Bottom trench can go in either direction. (BB) 2/14/08 Tank set w/ plumbing to house - tank. OK to cover line (KW)

2/12/08 Contractor didn't do much. Added risers to S.T. along w/ Baffles. Said he would probably install

line to D box. (KW) 2/19/08 Contractor just finished up sys. System installed per installation OK to cover all work (KW)

FINAL INSPECTOR J. Wolf

DATE OF APPROVAL 2/19/08

H0-95-0497

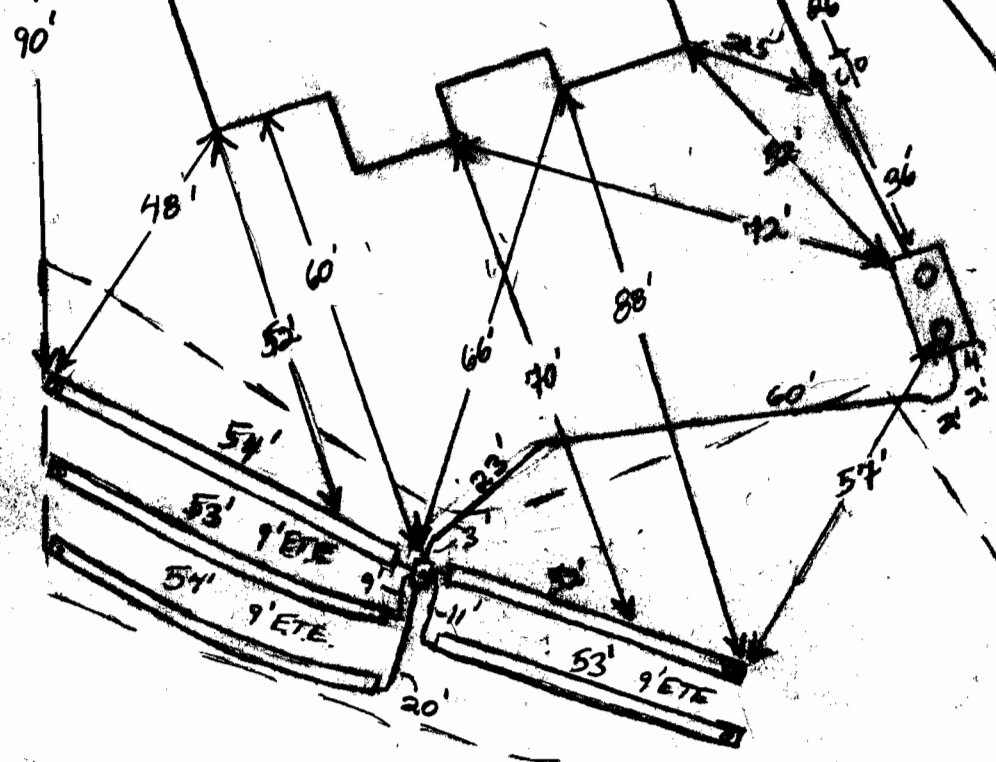
100'  
102'  
112'

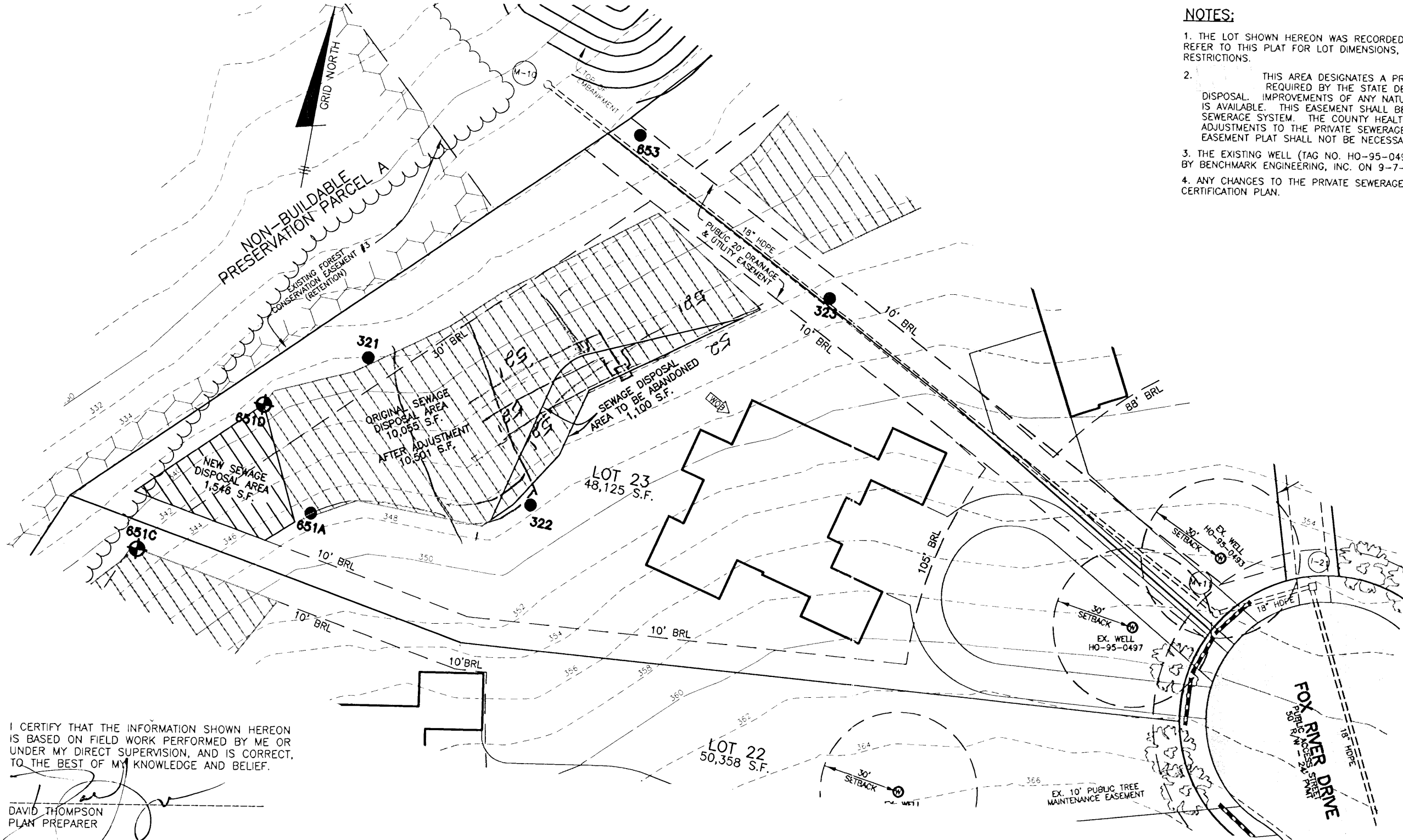
Prop.  
DRIVE

8.5'  
4'  
26'  
4' Drop  
Down

(23)

NOT TO SCALE





- NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON 12-13-05 AS PLAT NUMBER 17888. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
  2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
  3. THE EXISTING WELL (TAG NO. HO-95-0497) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. ON 9-7-2006 AND IS ACCURATELY SHOWN.
  4. ANY CHANGES TO THE PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*David Thompson*  
 DAVID THOMPSON  
 PLAN PREPARER

- LEGEND**
- EXISTING CONTOURS ESTABLISHED UNDER F-05-031
  - FIELD SURVEYED WELL LOCATION
  - 1251 PASSED PERC HOLE PER SP-02-013
  - 308 FAILED PERC HOLE PER SP-02-013
  - 651-C PASSED PERC HOLE FEBRUARY, 2007

APPROVED:  
 FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT

*B. Nipen for Peter Brilensen* 2/1/2008  
 COUNTY HEALTH OFFICER DATE

**BENCHMARK**  
 ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

**ENGINEERING, INC.**

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418  
 ELLICOTT CITY, MARYLAND 21043  
 PHONE: 410-465-6105 FAX: 410-465-6644  
 www.bei-civilengineering.com

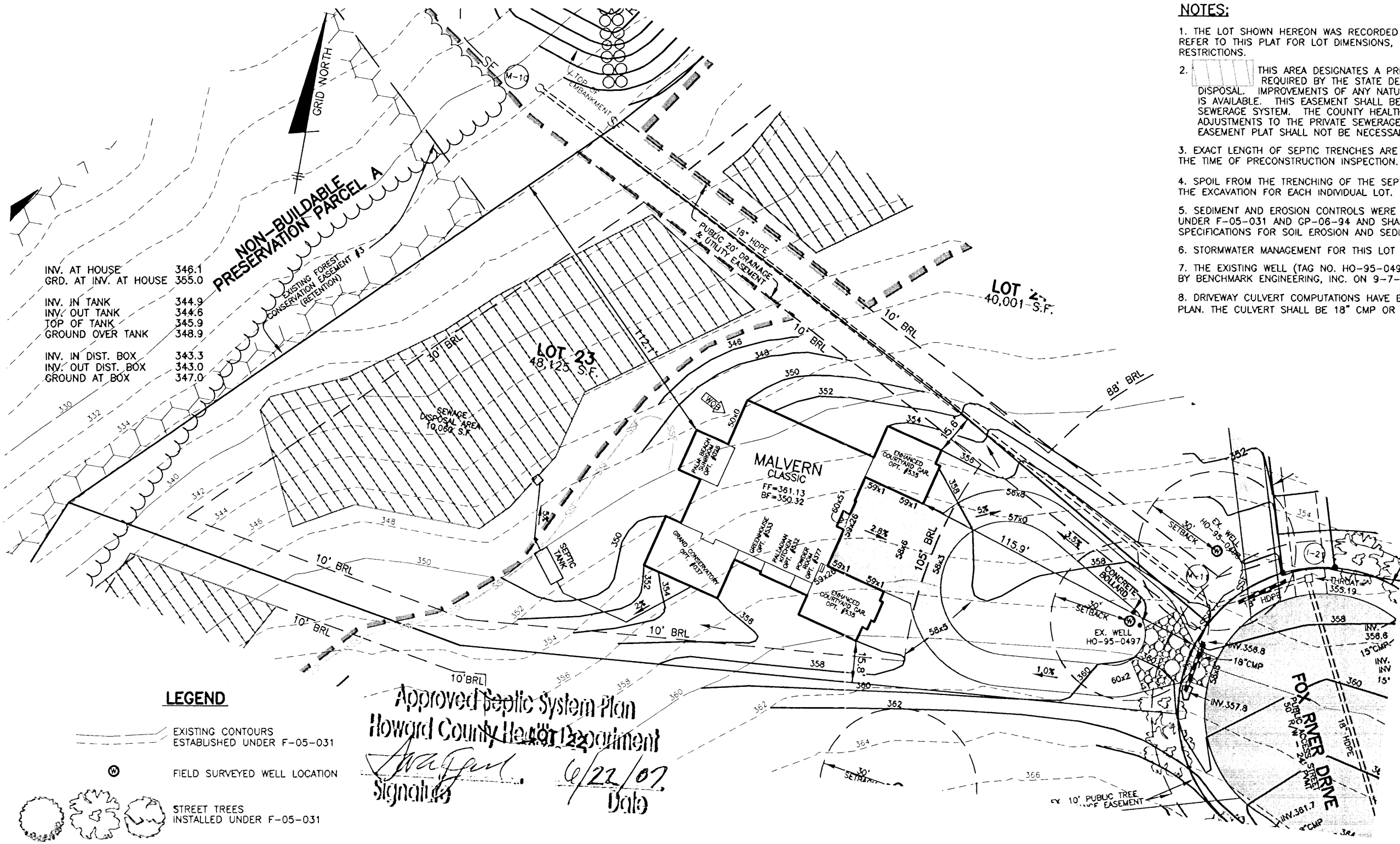
BUILDER: TOLL MD III LIMITED PARTNERSHIP  
 7164 COLUMBIA GATEWAY DRIVE  
 SUITE 230  
 COLUMBIA, MARYLAND 21046  
 410-872-9105

**HOMEWOOD CROSSING**  
**LOT 23**

11551 FOX RIVER DRIVE  
 TAX MAP 29, GRID 9 - PARCEL 28  
 3rd ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

**REVISED**  
**PERCOLATION CERTIFICATION PLAN**

DATE:	JANUARY 3, 2008	PROJECT NO.	1913
SCALE:	1" = 40'	DRAWING	1 OF 1



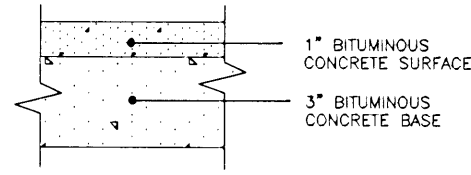
- NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON 12-13-05 AS PLAT NUMBER 17888. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
  2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
  3. EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PRECONSTRUCTION INSPECTION.
  4. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
  5. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER F-05-031 AND GP-06-94 AND SHALL COMPLY WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
  6. STORMWATER MANAGEMENT FOR THIS LOT WAS PROVIDED UNDER F-05-031.
  7. THE EXISTING WELL (TAG NO. HO-95-0497) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. ON 9-7-06 AND IS ACCURATELY SHOWN.
  8. DRIVEWAY CULVERT COMPUTATIONS HAVE BEEN PROVIDED WITH THIS BUILDING PERMIT PLOT PLAN. THE CULVERT SHALL BE 18" CMP OR ELLIPTICAL EQUIVALENT.

INV. AT HOUSE	346.1
GRD. AT INV. AT HOUSE	365.0
INV. IN TANK	344.9
INV. OUT TANK	344.6
TOP OF TANK	345.9
GROUND OVER TANK	348.9
INV. IN DIST. BOX	343.3
INV. OUT DIST. BOX	343.0
GROUND AT BOX	347.0

**LEGEND**

- EXISTING CONTOURS ESTABLISHED UNDER F-05-031
- FIELD SURVEYED WELL LOCATION
- STREET TREES INSTALLED UNDER F-05-031
- INDICATES WALK-OUT BASEMENT LOCATION
- STABILIZED CONSTRUCTION ENTRANCE INSTALLED UNDER GP-06-94
- SUPER SILT FENCE INSTALLED UNDER F-05-031
- SUPER SILT FENCE INSTALLED UNDER GP-06-94
- SILT FENCE INSTALLED UNDER F-05-031
- LIMIT OF DISTURBANCE UNDER F-05-031

Approved Septic System Plan  
 Howard County Health Department  
*Signature*  
 Date 6/22/07



FULL DEPTH BIT. CONC. ALTERNATIVE  
**P-1 PAVING DETAIL**  
 NOT TO SCALE

**BENCHMARK**  
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**HOMEWOOD CROSSING**  
**LOT 23**

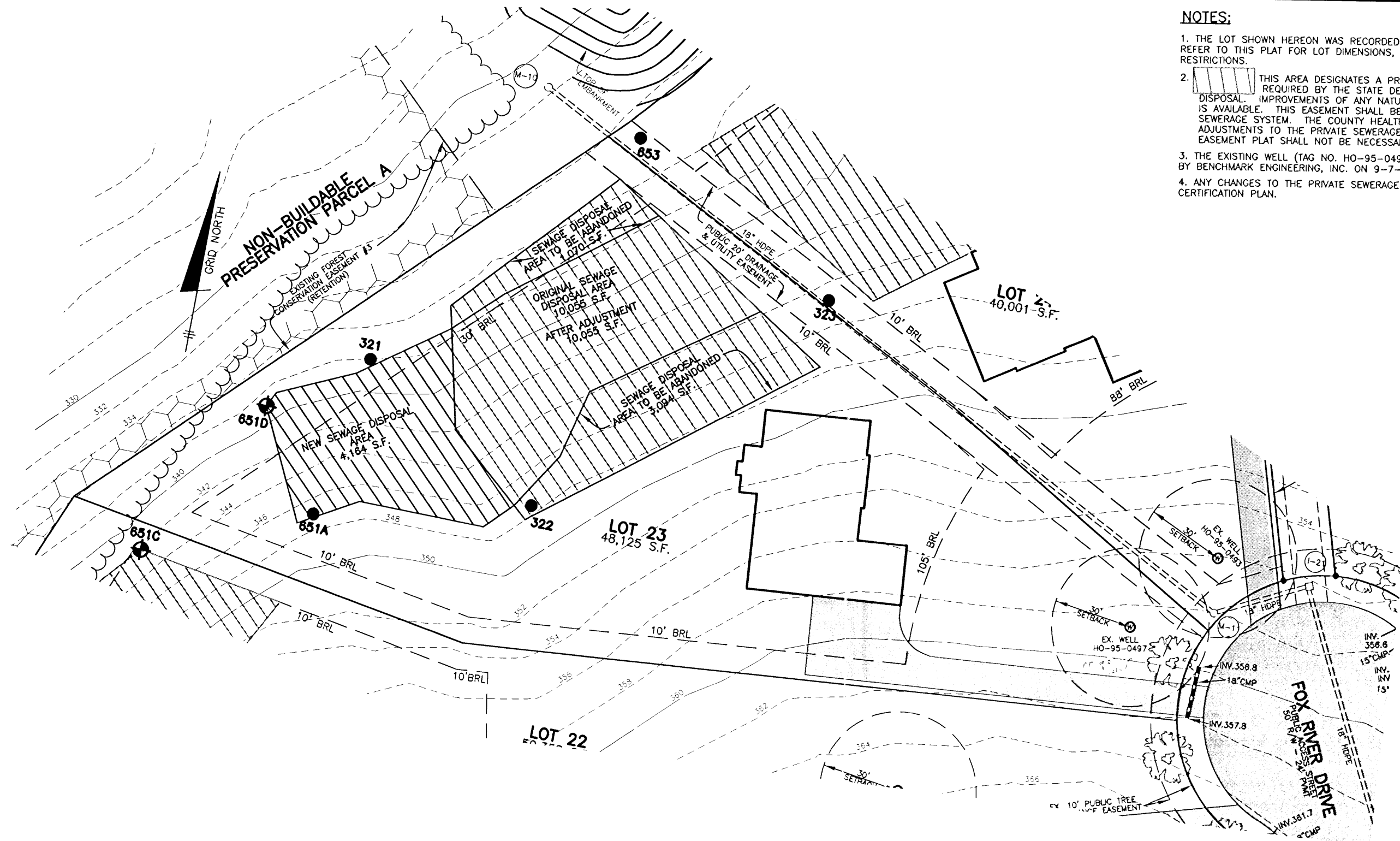
11551 FOX RIVER DRIVE  
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**MALVERN**  
 CLASSIC ELEVATION

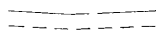




DATE:	MAY 14, 2007	PROJECT NO.	1913
SCALE:	1" = 40'	DRAWING	1 OF 1

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-  651-C PASSED PERC HOLE FEBRUARY, 2007

APPROVED:  
 FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT

*Robert J. Weber*  
 COUNTY HEALTH OFFICER *at mgd*      3/20/07  
 DATE

**BENCHMARK**  
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 LOT 23**

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 3rd ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

**REVISED  
 PERCOLATION CERTIFICATION PLAN**

DATE:	MARCH 5, 2007	PROJECT NO.	1913
SCALE:	1" = 40'	DRAWING	1 OF 1

