

LAYOUT \_\_\_\_\_ INSP 4 \_\_\_\_\_  
INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 11/17/2005

APPROVAL DATE: 12/5/05

**PERMIT**

**TAX ID #04-369102**

P 523678

A 514193-G

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

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ☒ ALTER ☐

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

SUBDIVISION: Triadelphia Crossing LOT NUMBER: 7

ADDRESS: 14314 Roxbury Lake Drive PROPERTY OWNER: Toll Bros., 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: 126 HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 4.0 feet of stone below distribution pipe. <i>4' sidewalk - OK</i>
LOCATION:	Place the distribution box in the highest elevation of the approved SDA and still be able to maintain 40' trench.
NOTES:	<i>Ensure tanks NOT IN SWALE / DRAINAGE pathway</i>

PLANS APPROVED: Kevin J. Bell Reviewed by: KN DATE: 6/5/2005

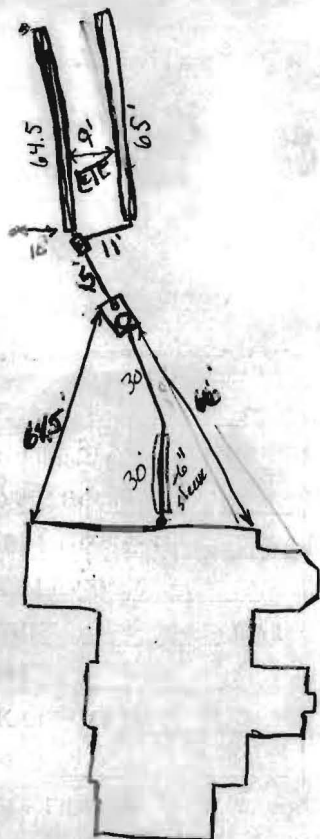
NOTES: PERMIT VOID AFTER 2 YEARS  
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
WATERTIGHT SEPTIC TANKS REQUIRED  
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
MANHOLE RISERS REQUIRED ON ALL SEPTIC 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 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

1100701

NOT TO SCALE

Roxbury Lake



ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	4	8
NUMBER OF TRENCHES		
2		
TOTAL LENGTH		
129.5		
ABSORPTION AREA		
518sf		
DISTRIBUTION BOX LEVEL		
yes		
DISTRIBUTION BOX BAFFLE		
yes		
DISTRIBUTION BOX PORT		
yes		

SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL		
yes		
CAPACITY	1500	GAL
SEAM LOC	Top	
TANK LID DEPTH	2'	
BAFFLES	yes 4	
BAFFLE FILTER	No	
MANHOLE LOC	Inlet	
6" PORT LOC	Outlet	
WATERTIGHT TEST	No	
<del>SEPTIC TANK 2 LEVEL</del>		
<del>CAPACITY</del>		
<del></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>		

PRE-CONSTRUCTION 11/28/05 Run 2 x 63' trenches along top of easement per plan  
 OK to move first trench downhill ~ 10' to make gravity & contour. (GAC)

INSTALLATION 12/1/05 Tank and trenches installed. System is  
 gravity. Both trenches on contour 1st trench starts ~ 10' below  
 Septic Area Corner stake and follows contour to far top easement stake. (GAC)  
 OK to Cover.

FINAL INSPECTOR Gabriel A. Coughlin DATE OF APPROVAL 12/5/05

ROXBURY LAKE DRIVE  
40' R/W

10' 10' PUBLIC TREE  
MAINTENANCE EASEMENT  
6' 6' PUBLIC DITCH  
MAINTENANCE EASEMENT

LOT 6

LOT 7

WELL  
HD-94-4133

S81°06'56"E 184.00'

286.88'

N08°53'04"E

NATURAL AREA CONSERVATION  
STORMWATER MANAGEMENT CREDIT  
EASEMENT

NON-BUILDABLE  
PRESERVATION PARCEL A  
DEDICATED TO HOWARD COUNTY, MARYLAND  
PRESERVATION EASEMENT  
HOMEOWNERS ASSOCIATION EASEMENT HOLDER

EXISTING  
FOREST CONSERVATION  
EASEMENT #1  
-REFORESTATION-

GRID NORTH

PRIVATE STORMWATER MANAGEMENT,  
ACCESS, DRAINAGE AND  
UTILITY EASEMENT

20' PUBLIC STORM DRAIN  
AND UTILITY EASEMENT

NON-BUILDABLE  
PRESERVATION PARCEL F  
DEDICATED TO HOMEOWNERS ASSOCIATION  
PRESERVATION EASEMENT  
PRIVATE STORMWATER MANAGEMENT EASEMENT  
HOWARD COUNTY EASEMENT HOLDER

TOP OF FOUNDATION WALL ELEVATION = 554.8'  
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 09/19/05; AND THAT THE PROPERTY OUTLINE  
SHOWN HEREON IS BASED ON THE PLAT PREPARED BY  
BENCHMARK ENGINEERING, INC. ENTITLED "TRIADELPHIA  
CROSSING PHASE ONE LOTS 1-22", AND RECORDED  
AMONG THE LAND RECORDS OF HOWARD COUNTY AS  
PLAT No. 17233

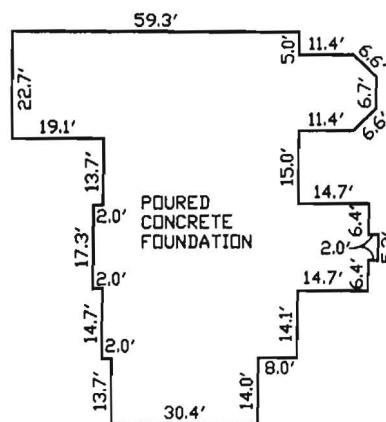
DAVID M. HARRIS  
REGISTERED PROFESSIONAL LAND SURVEYOR  
MD REG. No. 10978  
FOR BENCHMARK ENGINEERING, INC.  
MD REG. No. 351  
RECORD PLAT No. 17233  
FEMA FIRM No. 240044 0020 B  
ZONE: C  
DATED: 12/04/86

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  
email: Benchmark@cois.com



~ FOUNDATION DETAIL ~

SCALE: 1" = 40'

WALL CHECK

TRIADELPHIA CROSSING  
PHASE ONE

LOT No. 07

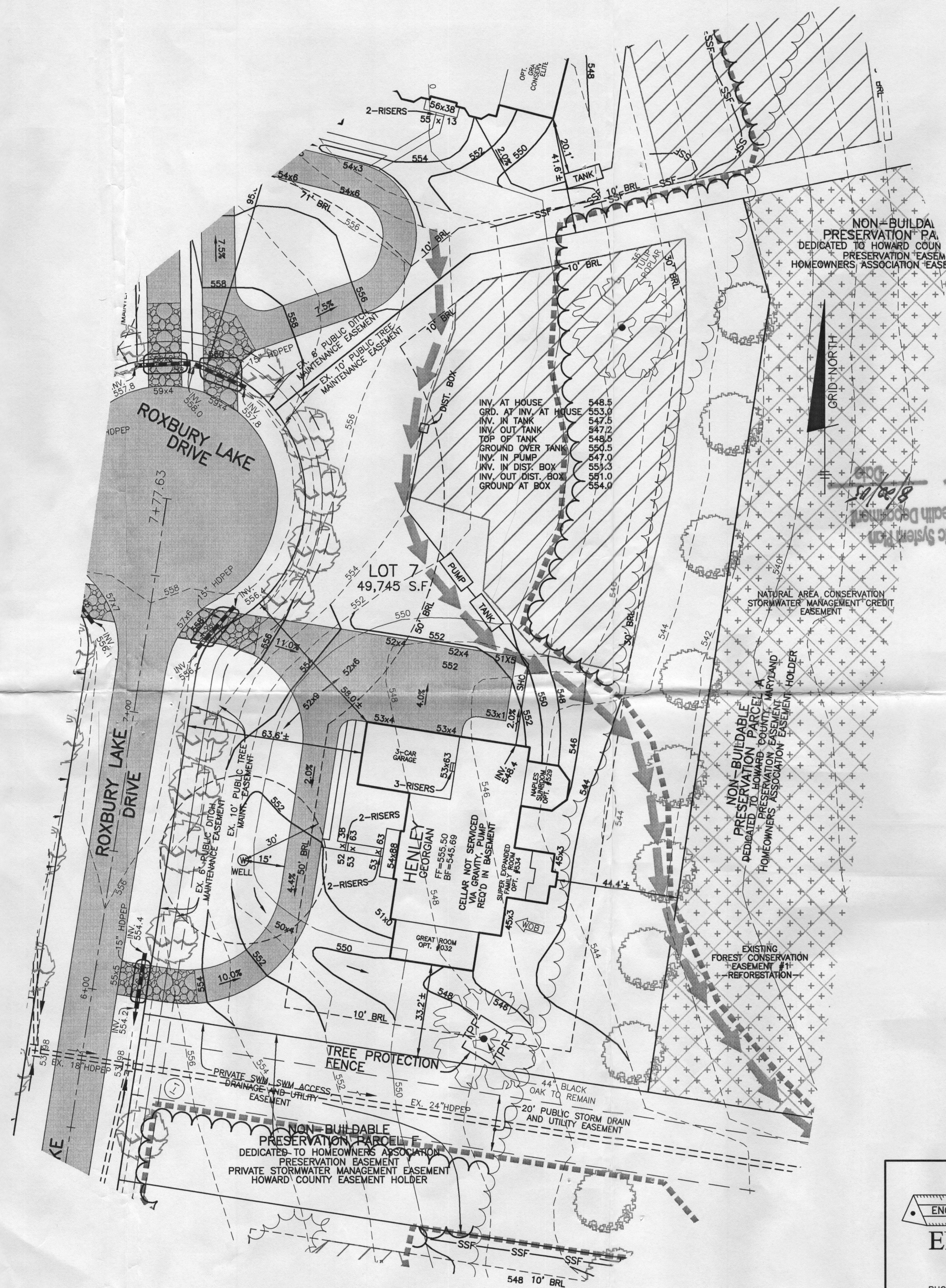
14314 ROXBURY LAKE DRIVE

4TH ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 09/19/05

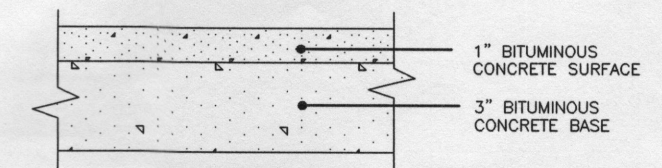




PLAN  
SCALE: 1" = 30'

# NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 17233. 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 SEWER 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-04-118 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-04-118.
7. COMPUTATIONS FOR THE PROPOSED DRIVEWAY CULVERT WERE APPROVED UNDER F-04-118.
8. THE EXISTING WELL (TAG NO. HO-94-4133) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY EASTERN STATES ENGINEERING, INC. ON 3-15-05 AND IS ACCURATELY SHOWN.



P-1 PAVING DETAIL  
NOT TO SCALE

## LEGEND

- EXISTING CONTOURS ESTABLISHED UNDER F-04-118
- FOREST CONSERVATION EASEMENT
- EXISTING WELL LOCATION
- NATURAL AREA CONSERVATION CREDIT EASEMENT
- PERIMETER LANDSCAPE TREES INSTALLED UNDER F-04-118
- STREET TREES INSTALLED UNDER F-04-118
- INDICATES WALK-OUT BASEMENT LOCATION
- STABILIZED CONSTRUCTION ENTRANCE PROPOSED UNDER THIS PLOT PLAN
- SUPER SILT FENCE INSTALLED UNDER F-04-118
- LIMIT OF DISTURBANCE UNDER F-04-118
- EARTH DIKE INSTALLED UNDER F-04-118

REVISED  
Date: 8-12-06  
Comments:

<b>BENCHMARK</b> ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS  <b>ENGINEERING, INC.</b>  8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418 ELLICOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 FAX: 410-465-6644 www.bei-civilengineering.com	PROJECT: TRIADELPHIA CROSSING LOT 7	
	LOCATION: 14314 ROXBURY LAKE DRIVE TAX MAP 21, GRID 17&23 - PARCEL 97 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
	TITLE: PLOT PLAN	
	HOUSE TYPE: HENLEY	
	DATE: JULY 21, 2005	PROJECT NO. 1792
BUILDER: TOLL BROTHERS, INC. 7164 COLUMBIA GATEWAY DRIVE SUITE 230 COLUMBIA, MARYLAND 21046 410-872-9105	SCALE: AS SHOWN	DRAWING 1 OF 1