LAYOUT _____ INSP 4 _____

INSP 2 _____ INSP 5 _____

INSP 3 _____ INSP 6 _____

ISSUE DATE: 5/2/06

PERMIT

P 524435

APPROVAL DATE: 5/15/06

INDEXED

A 514193-CC

TAX ID #04-369386

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

FOGLE'S SEPTIC CLEAN, INC. IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 580 OBRECHT RD, 21784 PHONE NUMBER: 410-795-5670

SUBDIVISION: Triadelphia Crossing LOT NUMBER: 23

ADDRESS: 14360 Triadelphia Road PROPERTY OWNER: Toll MD II, LP

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

PUMP CHAMBER CAPACITY (GALLONS): n/a COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 210

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

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Shallow system only.
	No 90' bends prior to septic tank, use sweeps. Recommend cleanout before bend.

PLANS APPROVED: Kevin Bell **Reviewed by:** KN DATE: 12/30/2005

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

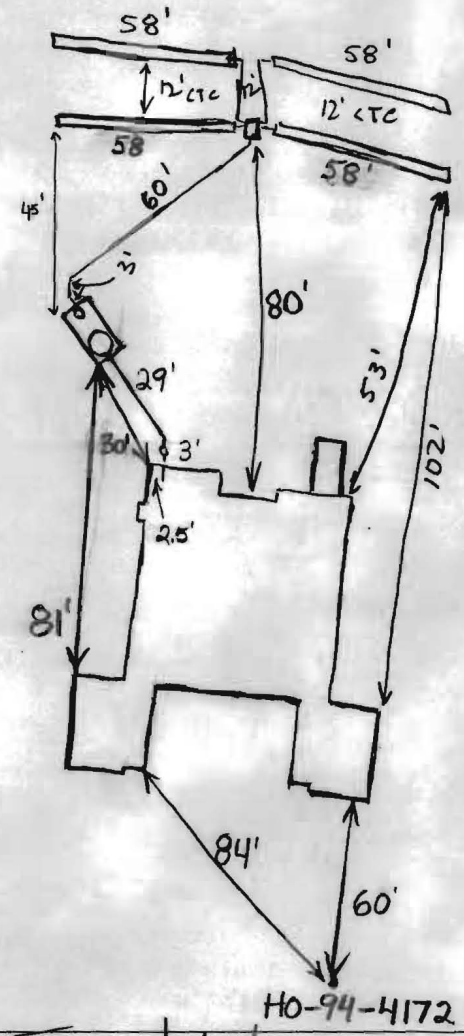
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
ALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM

BUILDING PERMIT SIGNED AND RETURNED

4/4/07 B07000951 Demo wall

P524435

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	3'	5'

NUMBER OF TRENCHES 4

TOTAL LENGTH 232'

ABSORPTION AREA 696+ Sides

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 0.5'-1'

BAFFLES Need Rear

BAFFLE FILTER None

MANHOLE LOC Front

6" PORT LOC Rear

WATERTIGHT TEST No

SEPTIC TANK 2 LEVEL N/A

CAPACITY _____ GAL

SEAM LOC _____

TANK LID DEPTH _____

BAFFLES _____

BAFFLE FILTER _____

MANHOLE LOC _____

6" PORT LOC _____

WATERTIGHT TEST _____

PRE-CONSTRUCTION 5/4/06 Area not Staked. (GAC)

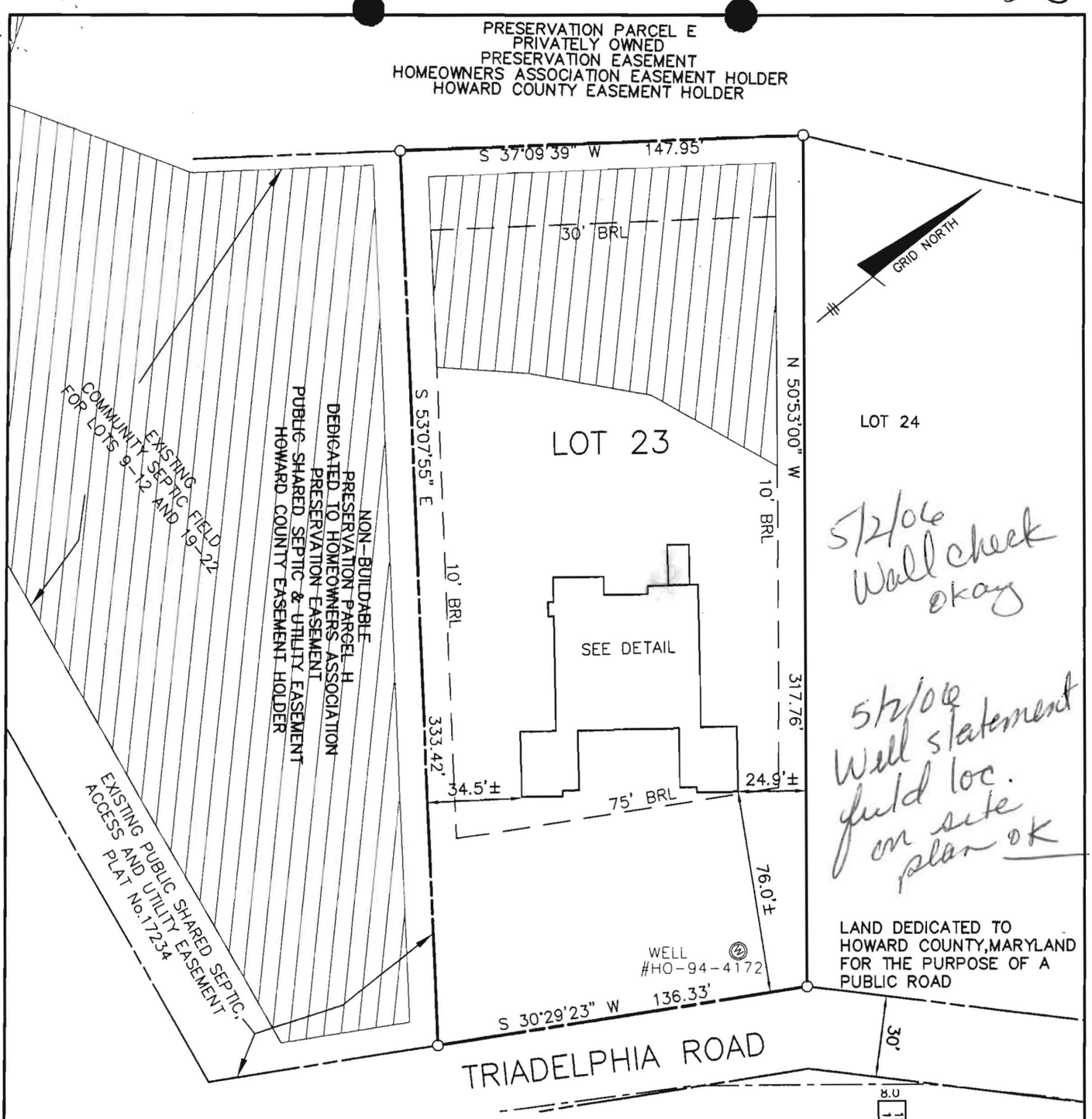
5/9/06 Tank set. Need to finish house connection. (BB)

INSTALLATION 5/11/06 Layout area is staked. 4 x 55' trenches on contour from D-box in middle of area. (GAC) 5/16/06

System installed and is ok to cover. (GAC)

FINAL INSPECTOR [signature] DATE OF APPROVAL 5/15/06

23



5/2/06
Wall check
okay

5/2/06
Well statement
field loc.
on site
plan OK

FIRST FLOOR ELEVATION = 586.4'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

SURVEYOR'S CERTIFICATE

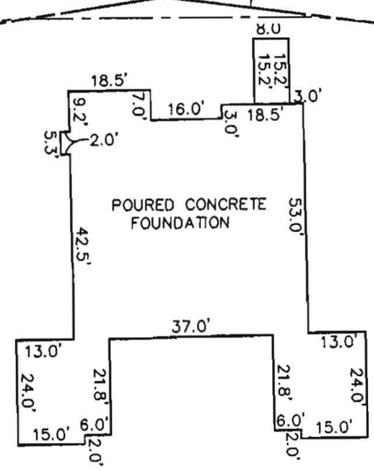
I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 04/11/06 ; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY BENCHMARK ENGINEERING, INC. ENTITLED " TRIADELPHIA CROSSING PHASE TWO LOTS 23 THRU 27 ", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No.17723

David Harris

DAVID M. HARRIS
REGISTERED PROFESSIONAL LAND SURVEYOR
MD REG. No. 10978
FOR BENCHMARK ENGINEERING, INC.
MD REG. No. 351
RECORD PLAT No. 17723
FEMA FIRM No. 240044 0020 B
ZONE: C
DATED: 12/04/86

STATE OF MARYLAND
DAVID MICHAEL HARRIS
No. 10978
REGISTERED
PROFESSIONAL LAND SURVEYOR
4/12/06

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@call.com



~FOUNDATION DETAIL'
SCALE: 1" = 40'

WALL CHECK

TRIADELPHIA CROSSING
PHASE 2 LOTS 23-27

LOT No. 23

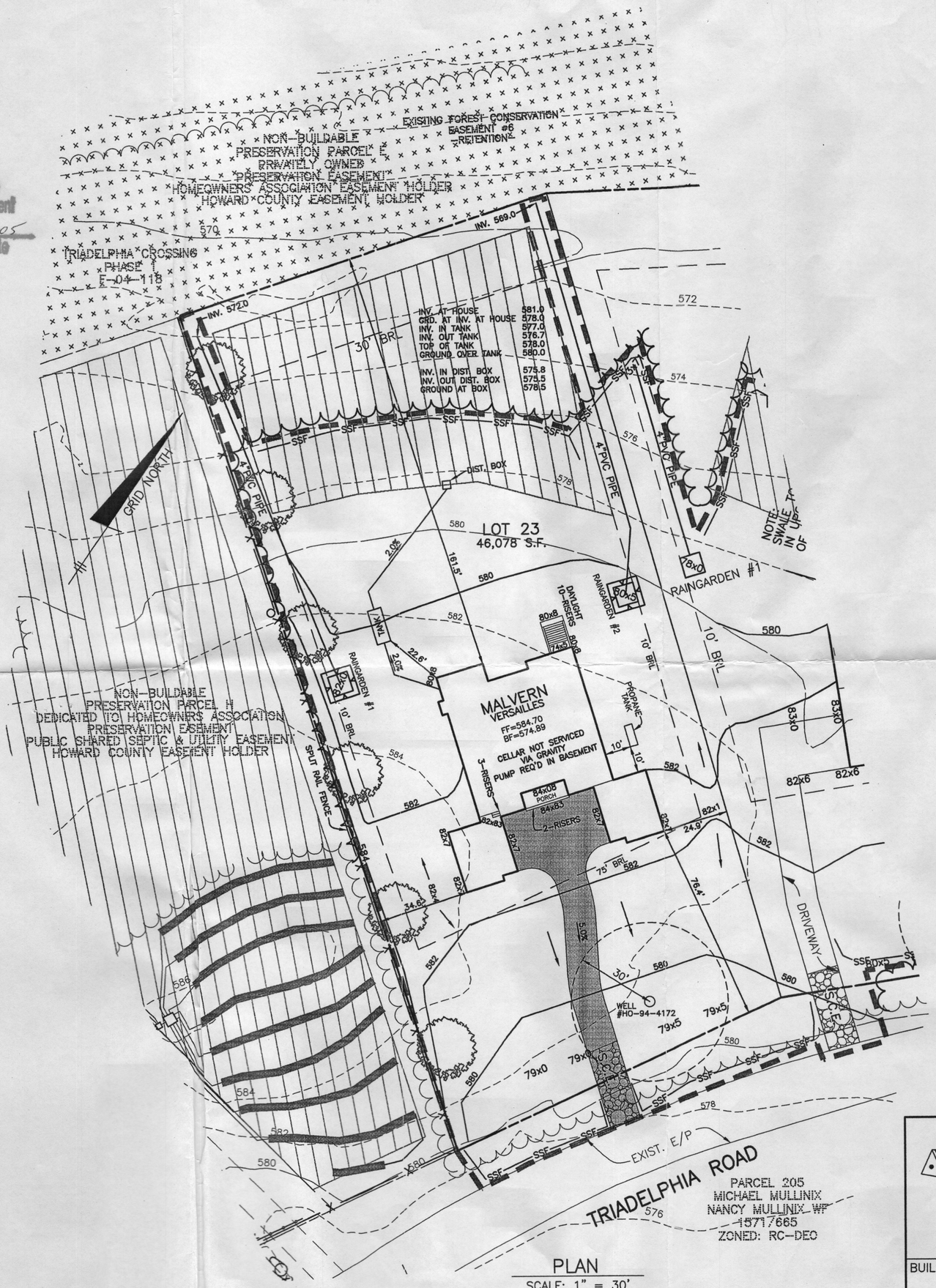
14360 TRIADELPHIA ROAD

4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: 04/11/06

P:\1792 TRIADELPHIA X'ING\dwg\8588B23.dwg, 4/12/2006 9:03:30 AM, cwf,

Approved Septic System Plan
Howard County Health Department

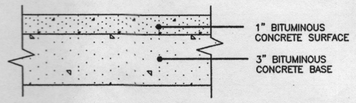
Signature — Date 12-30-05



PLAN
SCALE: 1" = 30'

NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 17723. 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 REQURED 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 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 GP-06-17 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. THE EXISTING WELL (TAG NO. HO-94-4172) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY EASTERN STATES ENGINEERING, INC. ON 3-15-05 AND IS ACCURATELY SHOWN.



FULL DEPTH BIT. CONC. ALTERNATIVE

P-1 PAVING DETAIL
NOT TO SCALE

LEGEND

- EXISTING CONTOURS ESTABLISHED UNDER F-04-118
- PROPOSED TREELINE
- EX. FOREST CONSERVATION EASEMENT
- BRL — BUILDING RESTRICTION LINE
- WOB — INDICATES WALK-OUT BASEMENT LOCATION
- S.C.E. — STABILIZED CONSTRUCTION ENTRANCE PER GP-06-17
- SSF — SUPER SILT FENCE PER GP-06-17
- LIMIT OF DISTURBANCE PER GP-06-17

BENCHMARK
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ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
ELLICOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 FAX: 410-45-6644
www.bei-civilengineering.com

BUILDER: TOLL BROTHERS, INC.
7164 COLUMBIA GATEWAY DRIVE
SUITE 230
COLUMBIA, MARYLAND 21046
410-872-9105

PROJECT:	TRIADELPHIA CROSSING LOT 23
LOCATION:	14360 TRIADELPHIA ROAD TAX MAP 21, GRID 17&23 – PARCEL 97 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE:	PLOT PLAN
HOUSE TYPE:	MALVERN
DATE: NOVEMBER 28, 2005	PROJECT NO. 1792
SCALE: AS SHOWN	DRAWING 1 OF 1

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