

LAYOUT 8/24/05 INSP 4 _____
 INSP 2 8/26/05 INSP 5 _____
 INSP 3 8/30/05 INSP 6 _____

ISSUE DATE: 8/17/05
 APPROVAL DATE: 8/30/05

P 523151
 A 514193-L

**PERMIT
 INDEXED
 TAX ID #04-369246**

**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 Rd., Sykesville 21784 PHONE NUMBER: 410-795-5670

SUBDIVISION: Triadelphia Crossing LOT NUMBER: 17

ADDRESS: 14230 Meadow Lake Drive PROPERTY OWNER: Toll Bros., Inc.

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

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

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 171 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 4.5 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box at the highest elevation in the approved SDA..
NOTES:	No basement gravity service.

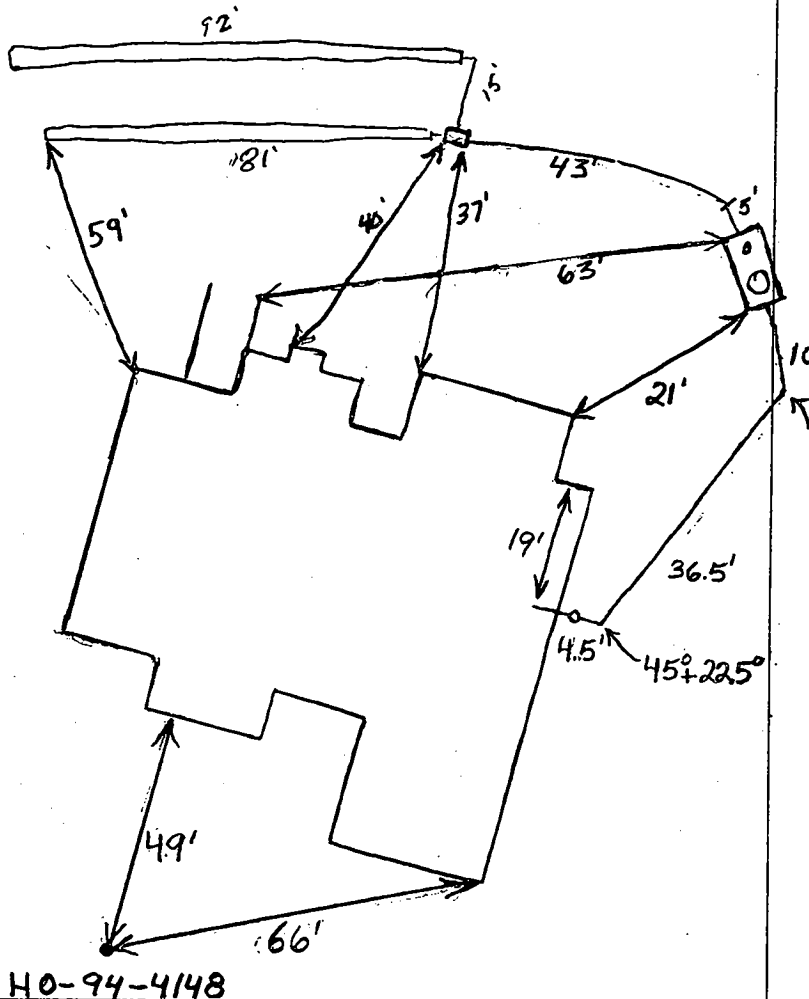
PLANS APPROVED: Peter Yencsik Reviewed by: _____ DATE: 8/17/05

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

A514193-L

NOT TO SCALE



H0-94-4148

Meadow Lake Drive


TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	6'
NUMBER OF TRENCHES		2
TOTAL LENGTH		173
ABSORPTION AREA		519
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		✓
DISTRIBUTION BOX PORT		No

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	~1'
BAFFLES	✓
BAFFLE FILTER	✓
MANHOLE LOC	Inlet
6" PORT LOC	Outlet
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____


PRE-CONSTRUCTION 8/24/05 Tank set. Need to finish house connection.
 To install an 83' upper trench and an 89' lower trench
 INSTALLATION across the top of the easement. Do not go out of
 upper right easement area. (BB) 8/25/05 OK to cover to
 Distr. box. 8/30/05 Trenches installed and ok to cover. (GAC)
 House Connection Made

FINAL INSPECTOR Gabriel A. Croyton DATE OF APPROVAL 8/30/05

NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 17235. 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-94-4148) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY EASTERN STATES ENGINEERING, INC. ON 3-15-05 AND IS ACCURATELY SHOWN.

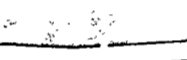
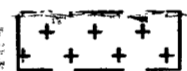

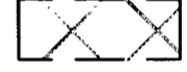






① No replacement wells shall be drilled within 100' of the terminal
 Flushing
 connection
 duplex
 ER
 pump



FULL DEPTH BIT. CONC. ALTERNATIVE

P-1 PAVING DETAIL
 NOT TO SCALE

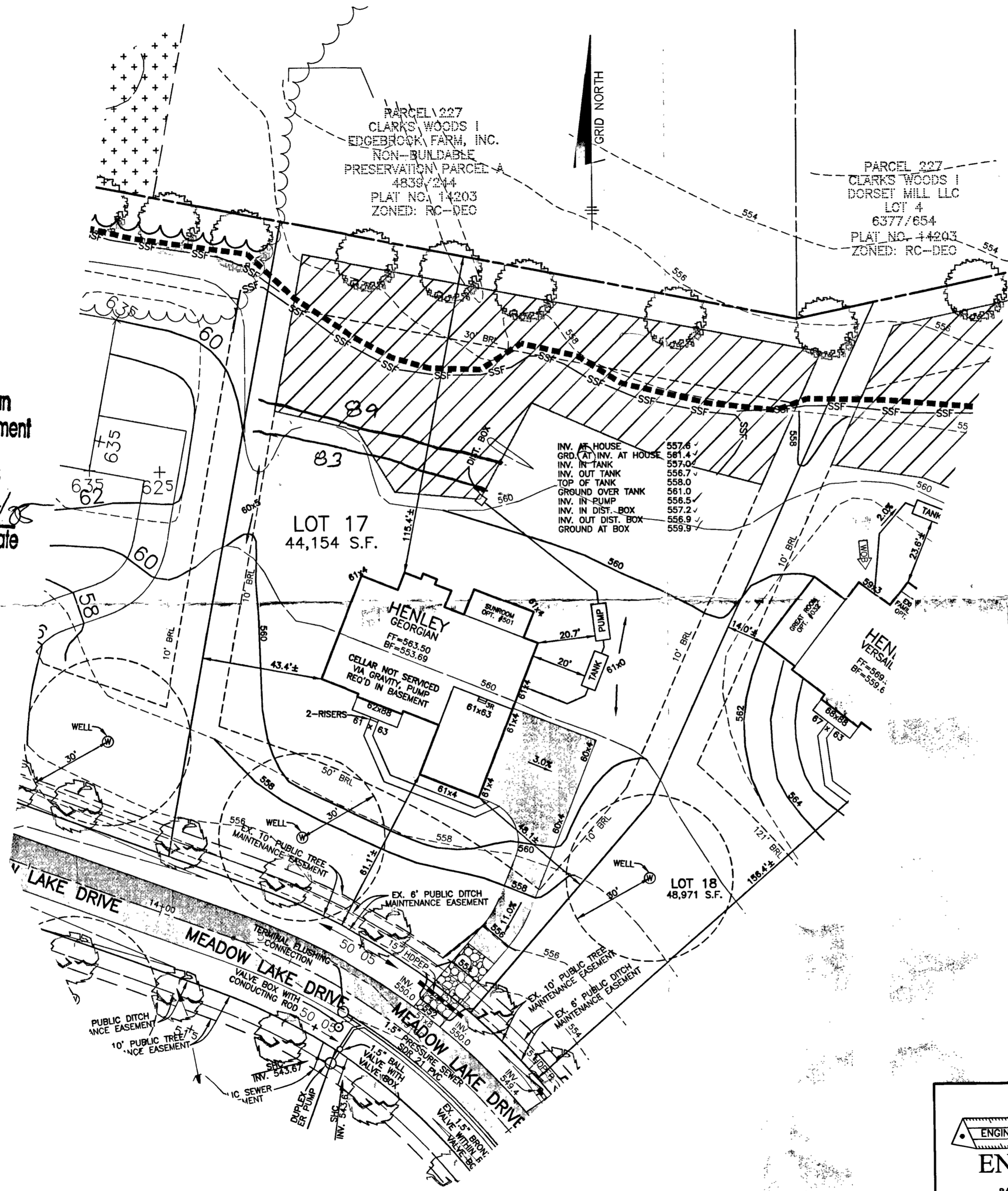
LEGEND

-  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

Approved Septic System Plan
 Howard County Health Department


 Signature

5/17/05
 Date



INV. AT HOUSE	557.6
GRD. AT INV. AT HOUSE	581.4
INV. IN-TANK	557.0
INV. OUT TANK	556.7
TOP OF TANK	558.0
GROUND OVER TANK	581.0
INV. IN PUMP	556.5
INV. IN DIST. BOX	557.2
INV. OUT DIST. BOX	556.9
GROUND AT BOX	559.9

PLAN
 SCALE: 1" = 30'

BENCHMARK
 ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE ▲ SUE 418
 ELLICOTT CITY, MARYLAND 2104
 PHONE: 410-465-6105 FAX: 410-465-6644
 www.bei-civilengineering.com

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

PROJECT: TRIADELPHIA CROSSING
 LOT 17

LOCATION: 14230 MEADOW LAKE DRIVE
 TAX MAP 21, GRID 17&23 - PARCEL 97
 4th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE: PLOT PLAN

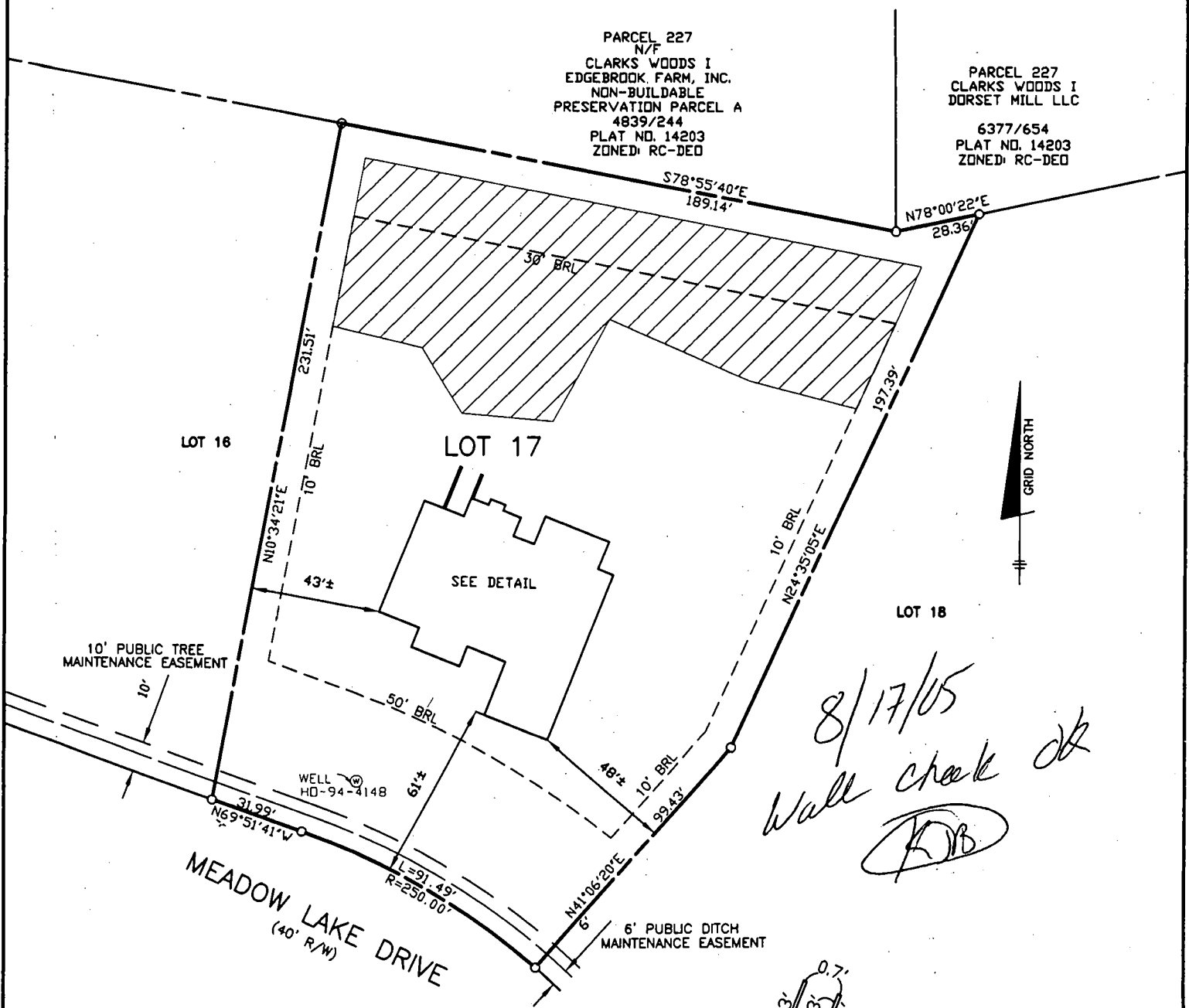
HOUSE TYPE: HENLEY

DATE: MAY 4, 2005 **PROJECT NO.** 1792

SCALE: AS SHOWN **DRAWING** 1 OF 1

PARCEL 227
N/F
CLARKS WOODS I
EDGEBROOK FARM, INC.
NON-BUILDABLE
PRESERVATION PARCEL A
4839/244
PLAT NO. 14203
ZONED: RC-DED

PARCEL 227
CLARKS WOODS I
DORSET MILL LLC
6377/654
PLAT NO. 14203
ZONED: RC-DED

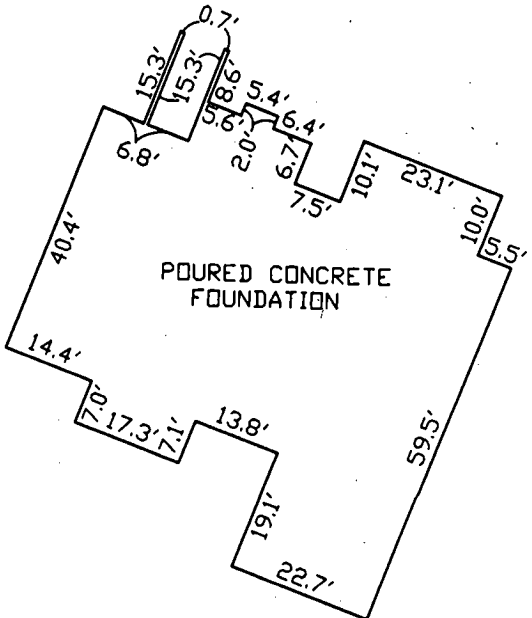


*8/17/05
Wall check
KJB*

TOP OF FOUNDATION WALL ELEVATION = 562.8'
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 06/13/05 ; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY BENCHMARK ENGINEERING, INC. ENTITLED " TRIDELPHIA CROSSING PHASE 1 LOTS 1 THROUGH 22 ", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No.17235



~FOUNDATION DETAIL~
SCALE: 1" = 30'

David Harris
DAVID M. HARRIS
REGISTERED PROFESSIONAL LAND SURVEYOR
MD REG. No. 10978
FOR BENCHMARK ENGINEERING, INC.
MD REG. No. 351
RECORD PLAT No. 17235
FEMA FIRM No. 240044 0020 B
ZONE: C
DATED: 12/04/86



BENCHMARK
ENGINEERS • LAND SURVEYORS • PLANNERS
ENGINEERING, INC.

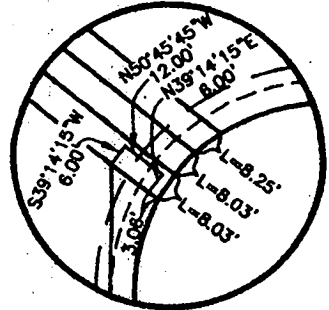
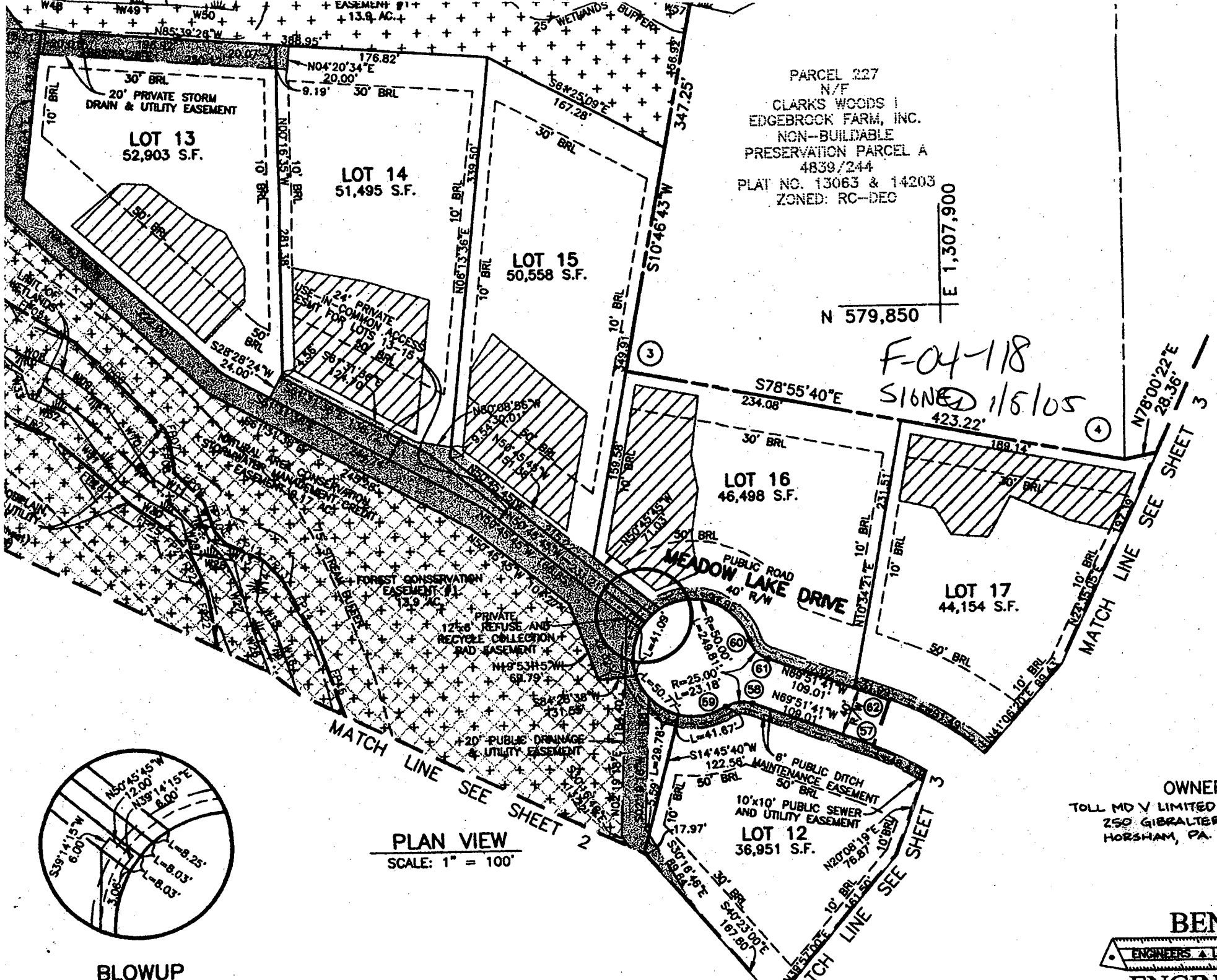
8480 BALTIMORE NATIONAL PKCE • SUITE 418
ELLCOTT CITY, MARYLAND 21043
phone: 410-463-8105 • fax: 410-463-6644
email: Benchmark@ccsds.com

WALL CHECK
TRIADELPHIA CROSSING
PHASE 1
LOTS 1 THROUGH 22
LOT No. 17
14230 MEADOW LAKE DRIVE
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: 06/13/05

PARCEL 227
 N/F
 CLARKS WOODS I
 EDGEBROOK FARM, INC.
 NON-BUILDABLE
 PRESERVATION PARCEL A
 4839/244
 PLAT NO. 13063 & 14203
 ZONED: RC-DEC

E 1,307,900
 N 579,850

F-04-118
 SIGNED 1/5/05



BLOWUP

PLAN VIEW
 SCALE: 1" = 100'

OWNER:
 TOLL MD V LIMITED PARTNER
 250 GIBRALTER ROAD
 HORSHAM, PA. 19044

BENCH
 ENGINEERS & LAND SURVEY
 ENGINEER