

LAYOUT * 11/28/05 INSP 4 _____
INSP 2 11/29/05 INSP 5 _____
INSP 3 12/5/05 INSP 6 _____

ISSUE DATE: 11/17/05

APPROVAL DATE: 12/5/05

PERMIT

P 523681

A 514193-b

TAX ID #04-369076

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 PHONE NUMBER: 410-795-5670

SUBDIVISION: Triadelphia Crossing LOT NUMBER: 2

ADDRESS: 14311 Roxbury 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: 120 HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be 3.0 feet wide. Inlet ⁴ 2.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 5.0 feet below original grade. 3.0 ⁴ feet of stone below distribution pipe.
LOCATION:	Keep the distribution box at the highest elevation in the approved SDA. Maintain 100' set back from septic tank to neighboring well.
NOTES:	No Basement gravity service.

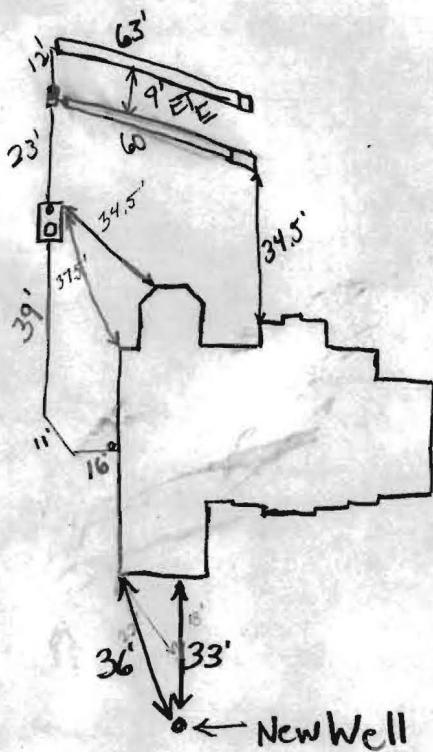
PLANS APPROVED: Pete Yencsik Reviewed by: RY DATE: 7/13/05

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**

P523681

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	8'
NUMBER OF TRENCHES		
2		
TOTAL LENGTH		
123'		
ABSORPTION AREA		
369sf + 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	1 1/2 - 2'	
BAFFLES	Yes 4	out
BAFFLE FILTER	No	
MANHOLE LOC	Inlet	
6" PORT LOC	Outlet	
WATERTIGHT TEST	N/A	
SEPTIC TANK 2 LEVEL		
CAPACITY		GAL
SEAM LOC		
TANK LID DEPTH		
BAFFLES		
BAFFLE FILTER		
MANHOLE LOC		
6" PORT LOC		
WATERTIGHT TEST		

PRE-CONSTRUCTION 11/28/05 Run 2x60' trenches Away From
 SWM device Between lots 1 & 2
 INSTALLATION 11/29/05 Tank set. Rest to be done at a later date.
 12/5/05 Installation done & OK to cover completely GAC

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

Toll Brothers

America's Luxury Home Builder™

December 6, 2005

Mike Davis
Howard County Health Department
7178 Columbia Gateway Drive
Columbia, MD 21046

Re: Home site #2, Triadelphia Crossing

Mr. Davis:

I am writing to request a variance to the well distance regulation that requires a single family well to be at least 30' from the house, specifically regarding home site #2 at Triadelphia Crossing. Due to a pre-development engineering oversight the actual well location for this home site was incorrectly marked on the plot plan which was used to site and construct this home. Thus it has been verified that the current well is approximately 18' from the house instead of the regulated 30'. I am requesting this variance for both the home owner and builder are aware of the current condition and are in agreement with its current position. It is our position that the new well location poses no greater danger to the well than the originally plotted location for the well is 18' from the garage only. No termite spray is applied to our garage areas. Additionally, the well is located outside of the building restriction line, therefore there is no potential for damage due to future construction. For your review, I have attached a revised plot plan which shows the current as well as the originally plotted location of the well.

If you have any questions or additional needs to where I can be of further assistance I can be contacted at 410-320-0829. I appreciate your consideration to this matter.

Regards,



Nathan Brandenburg
Assistant Project Manager
Toll Brothers Inc.

PARCEL 32
JOHN J. WILDRICK
CHARLOTTE WILDRICK
3633/272
ZONED: RC-DED

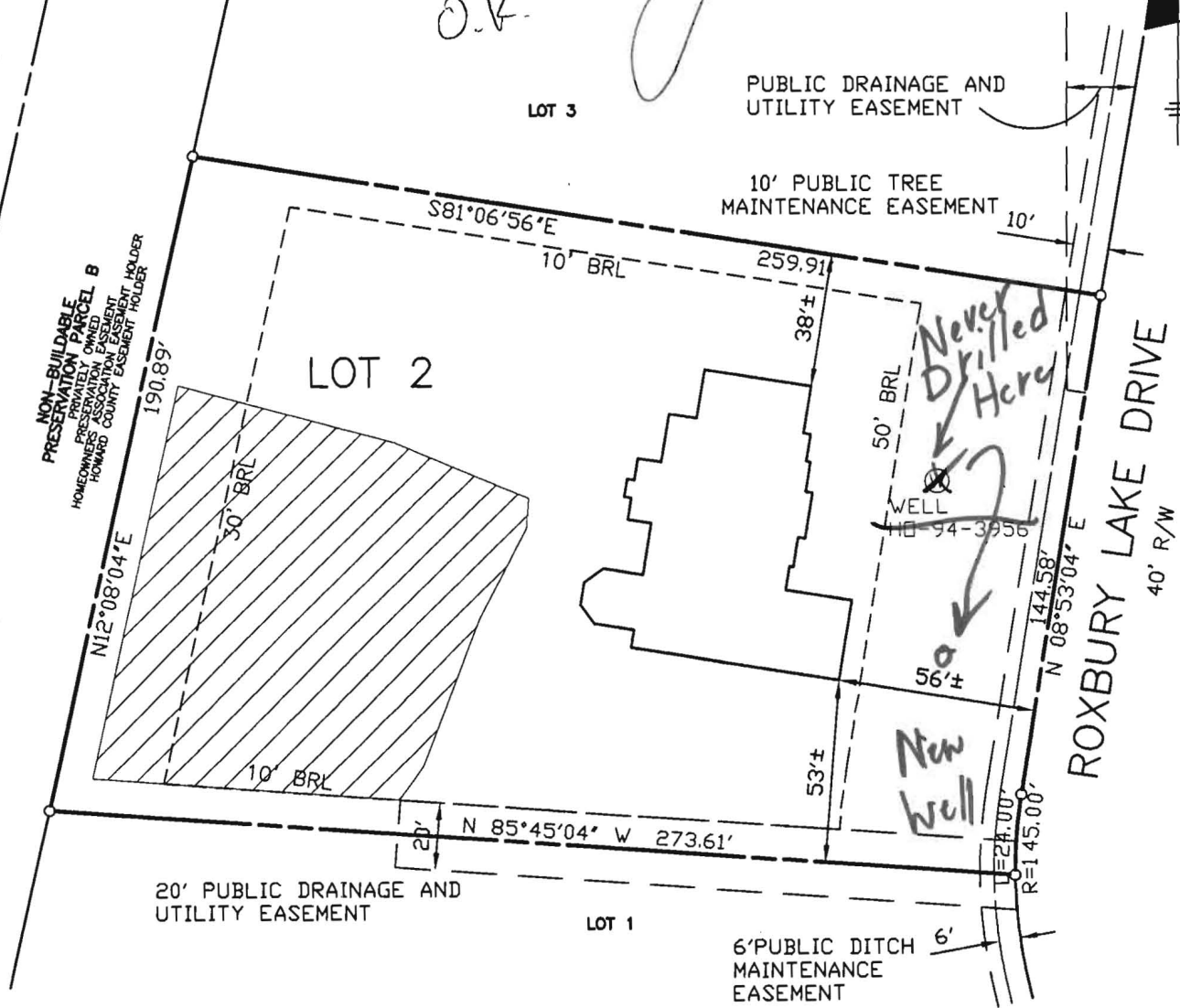
well &
can
check
O.K.

11/17/05
[Signature]

GRID NORTH

NON-BUILDABLE
PRESERVATION PARCEL B
PRIVATELY OWNED
HOMESITE PRESERVATION EASEMENT
HOWARD COUNTY EASEMENT HOLDER

EXISTING
FOREST CONSERVATION
EASEMENT



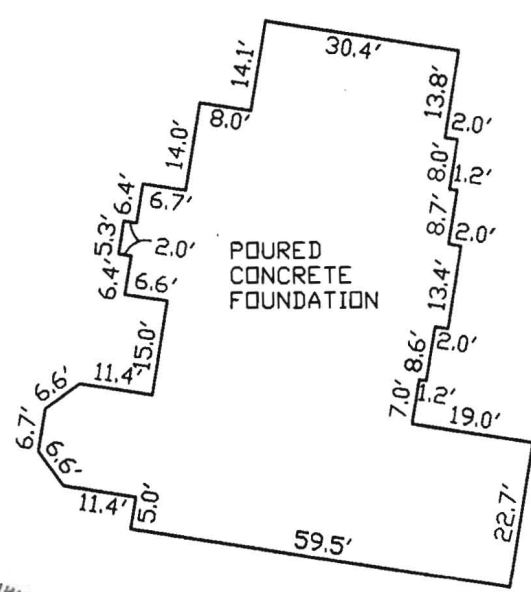
TOP OF FOUNDATION WALL ELEVATION = 561.2'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

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 09/20/05; 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

[Signature]

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



~FOUNDATION DETAIL~
SCALE: 1" = 30'

WALL CHECK

**TRIADELPHIA CROSSING
PHASE ONE**
LOT No. 02

14311 ROXBURY LAKE DRIVE

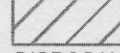
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

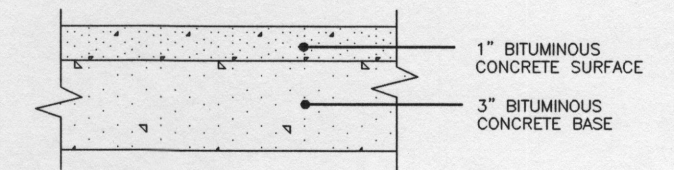
SCALE: 1" = 50' DATE: 09/20/05

BENCHMARK
ENGINEERS • LAND SURVEYORS • PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE • SUITE 418
ELLICOTT CITY, MARYLAND 21043
phone: 410-465-8105 • fax: 410-465-8644
email: Benchmark@coils.com

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 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-94-3956) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY EASTERN STATES ENGINEERING, INC. ON 3-15-05 AND IS ACCURATELY SHOWN.

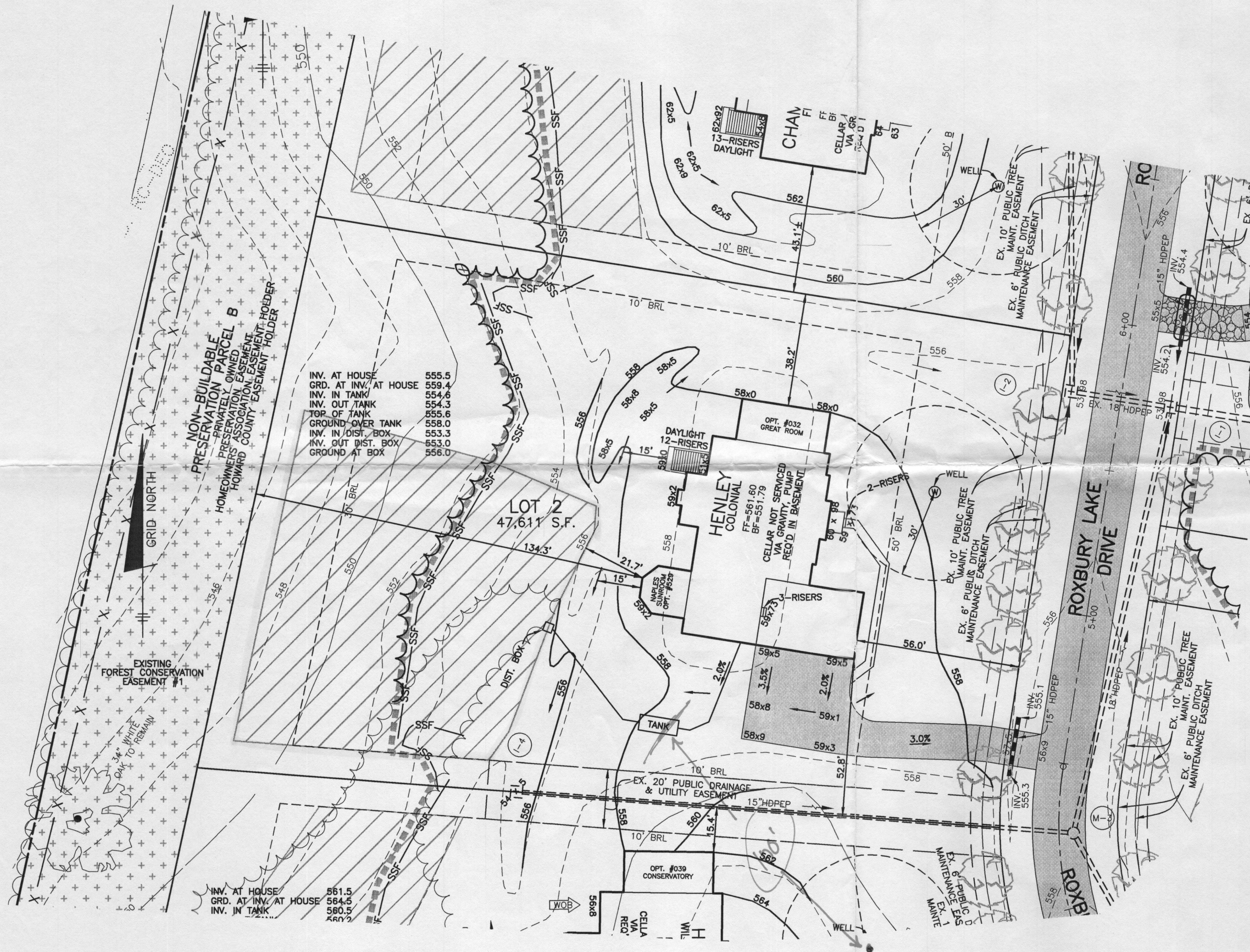


FULL DEPTH BIT. CONC. ALTERNATIVE

P-1 PAVING DETAIL
NOT TO SCALE

LEGEND

- EXISTING CONTOURS ESTABLISHED UNDER F-04-118
- 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



PLAN

SCALE: 1" = 30'

Called Chris 7/13/05
KSR

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

PROJECT:

TRIADELPHIA CROSSING
LOT 2

LOCATION:

14311 ROXBURY LAKE DRIVE
TAX MAP 21, GRID 17&23 - PARCEL 97
4th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE:

PLOT PLAN

HOUSE TYPE:

HENLEY

DATE:

JUNE 23, 2005

PROJECT NO.

1792

SCALE:

AS SHOWN


DRAWING

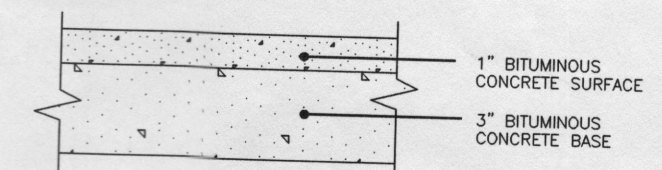
1 OF 1

Approved Septic System Plan
Howard County Health Department

[Signature]
Signature
7/20/05
Date

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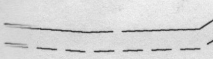





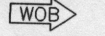
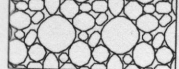
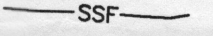



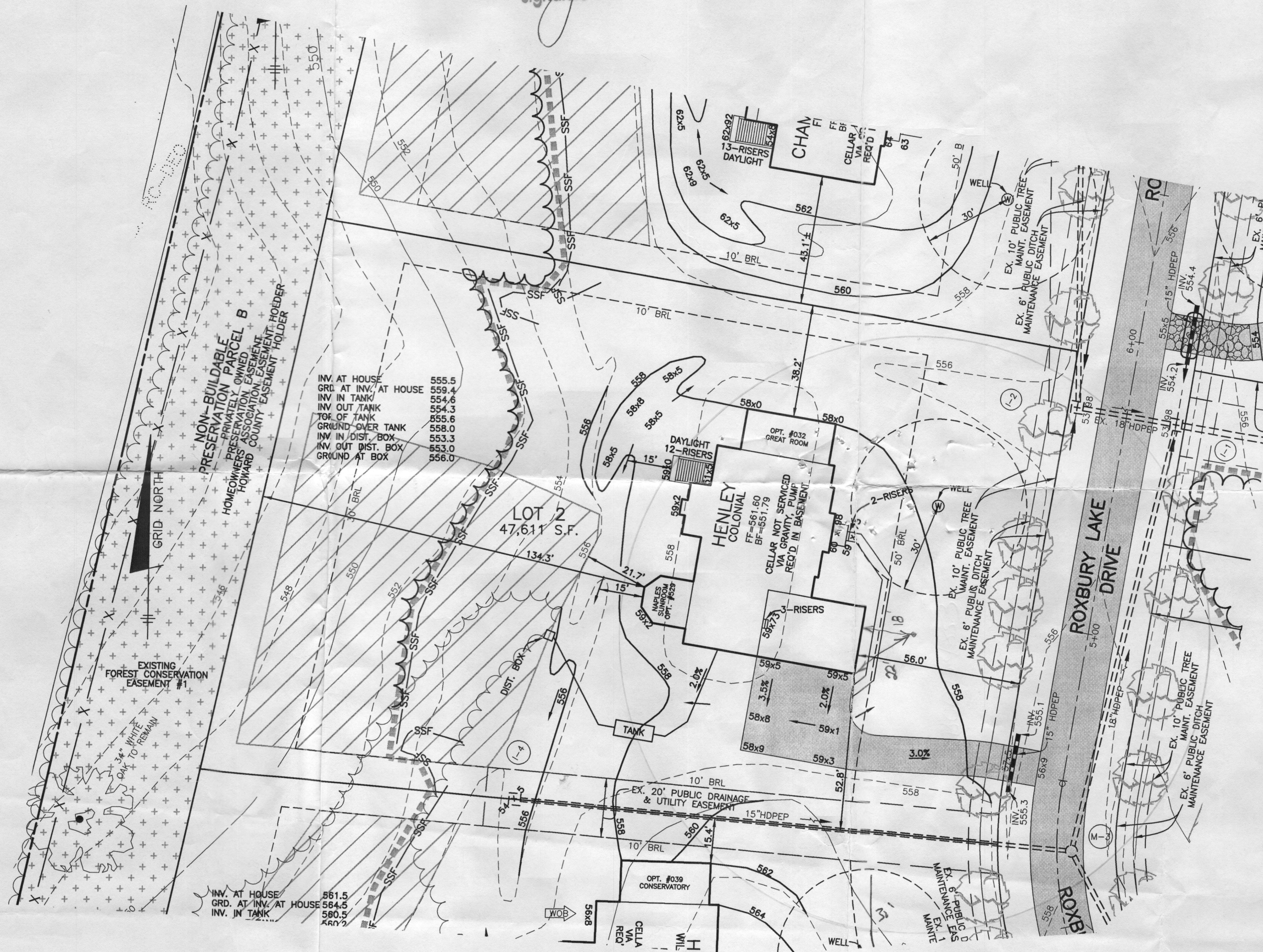
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PLAN

SCALE: 1" = 30'

BENCHMARK

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PROJECT: TRIADELPHIA CROSSING
LOT 2

LOCATION: 14311 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 13, 2005 PROJECT NO. 1792

SCALE: AS SHOWN DRAWING 1 OF 1