

OUT 11/24/05 INSP 4 _____
INSP 2 _____ INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 10/18/2005 P 523510
APPROVAL DATE: 11/22/2005 A 519074

PERMIT
INDEXED
TAX ID #05-357810

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

Hatfield's Equipment IS PERMITTED TO INSTALL ALTER
ADDRESS: ^{Po Box} 519, Annapolis Junction PHONE NUMBER: 410-531-6650
SUBDIVISION: Linthicum Oaks LOT NUMBER: Remainder 2nd tract
ADDRESS: 4074 Linthicum Road Stephen & Tracy Griffin
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: 249 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 5.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box at a location where you can still get 80' trench.
NOTES:	

PLANS APPROVED: Kevin J. Bell Reviewed by: _____ DATE: 6/27/05

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

BUILDING PERMIT SIGNED AND RETURNED

11/23/06 800157489 1000 g. u.g. LP tank

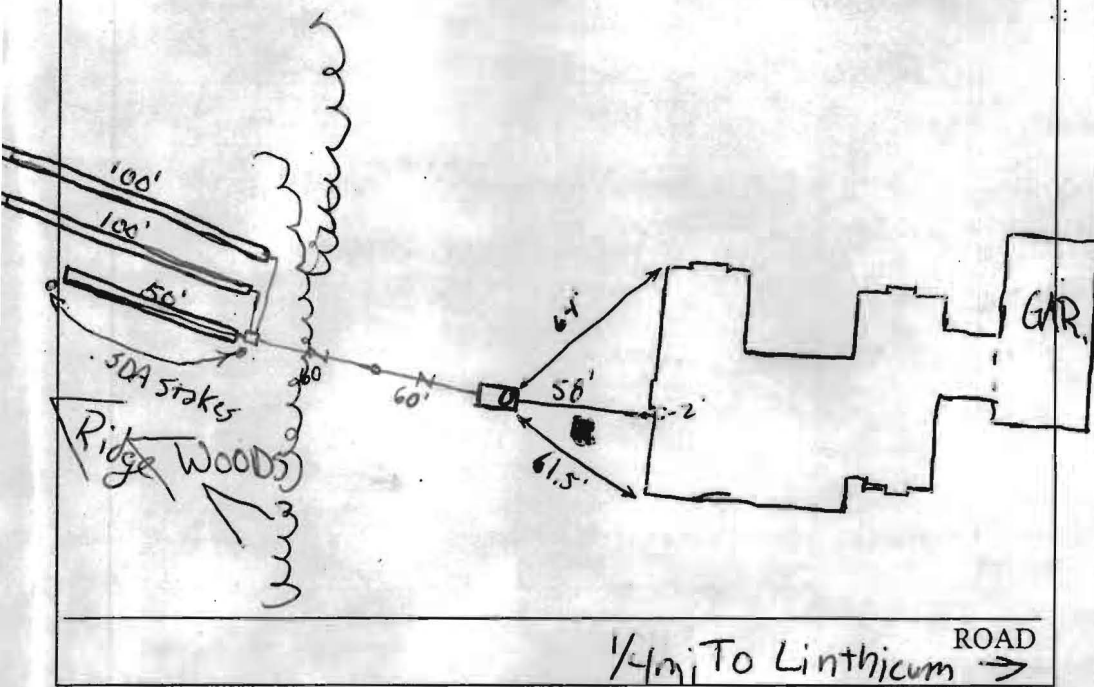
4519074

NOT TO SCALE

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	5' & 4'	6'
NUMBER OF TRENCHES		3
TOTAL LENGTH		250'
ABSORPTION AREA		750sf.
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		No

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2 1/2 - 3
BAFFLES	yes 4
BAFFLE FILTER	N/A
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 11/21/05 Layout ok to make inlet on uppermost trench
 5' to allow for gravity service. 1x50' and 2x 100' trenches. GAC

INSTALLATION 11/22/05 System is installed & OK to cover. GAC

FINAL INSPECTOR Gabriel A. Crecighton DATE OF APPROVAL 11/22/05

BUILDING PERMIT SIGNED AND RETURNED

G102

G1B2

+557

Approved Septic System Plan
Howard County Health Department
Signature *[Signature]*
Date 5/22/06

1-23-06
Papeze CP tank
OK KSR

1,000 GAL. UNDRILGND W/ANK

LIMIT OF DISTURBANCE 29,522 Sq. Ft.

GARAGE = 555.3

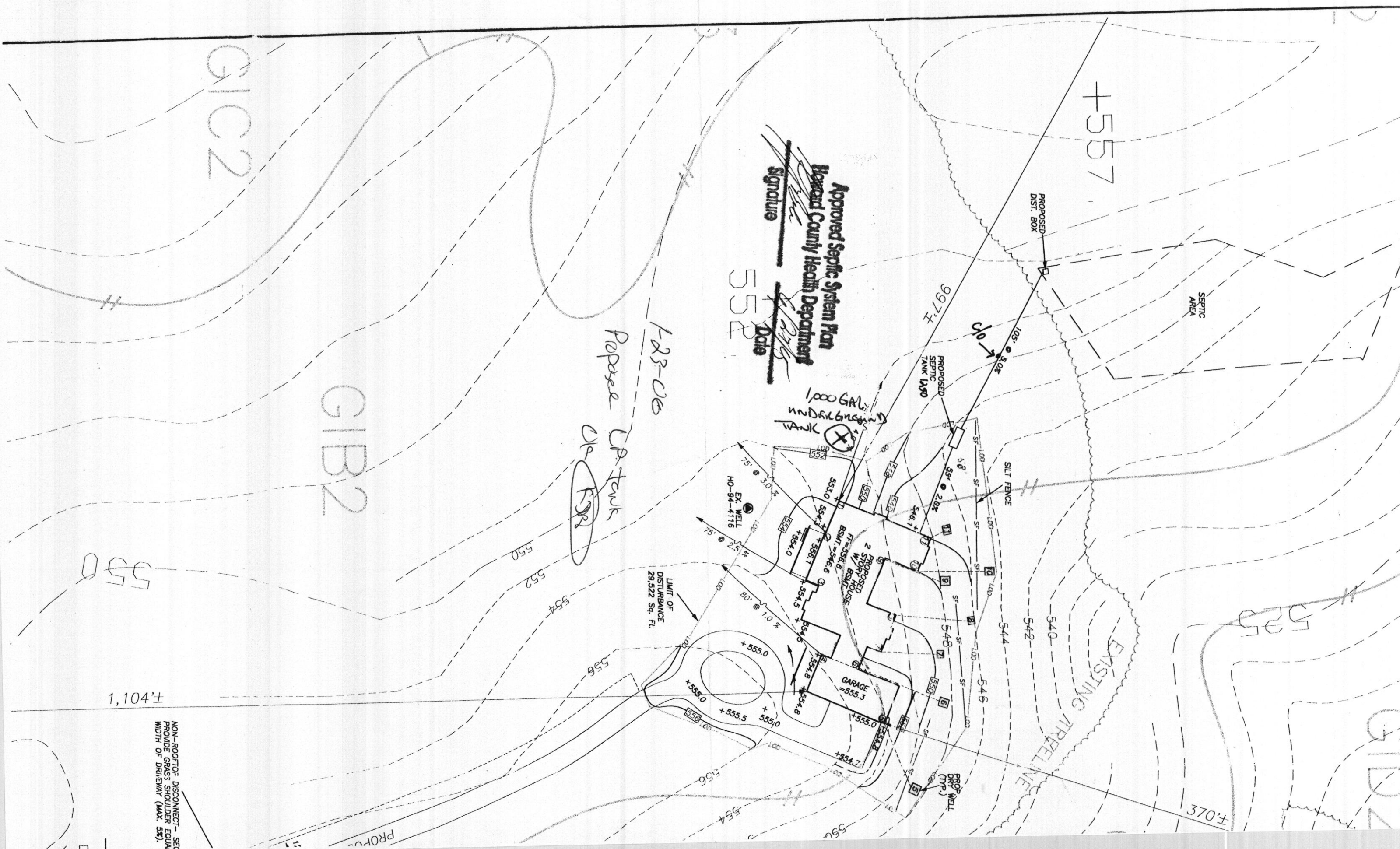
PROP DRY WELL (TYP.)

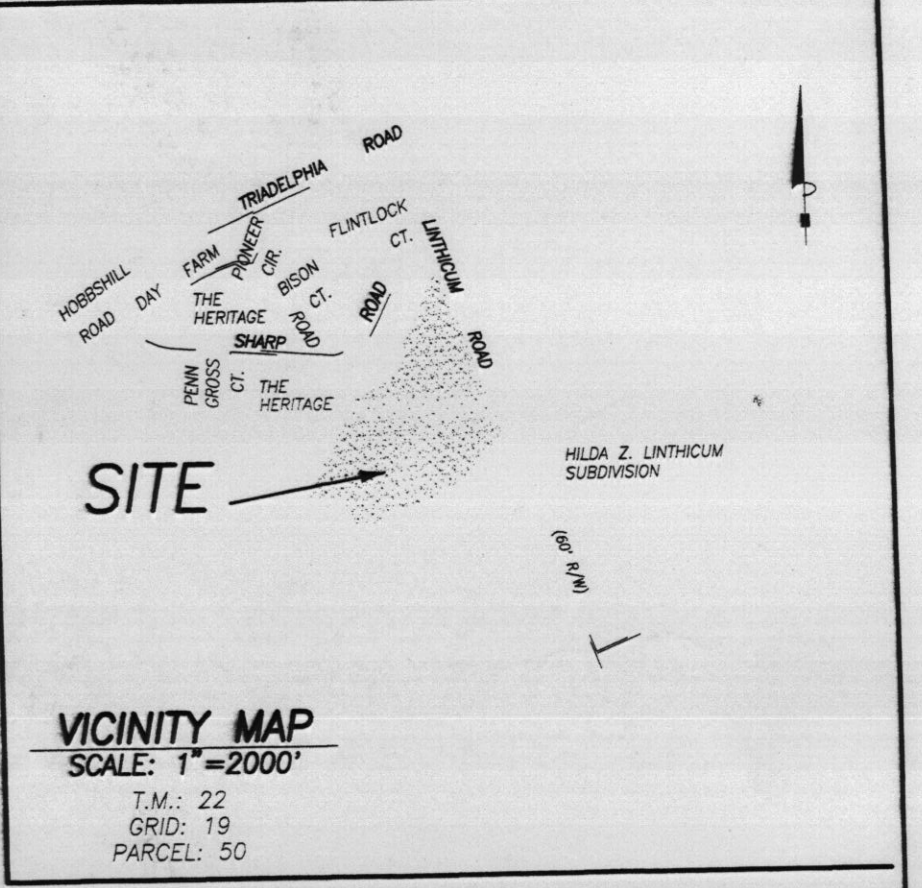
EXISTING TREELINE

370'

1,104'±

NON-ROOFTOP DISCONNECT - SEE PROVIDE GRASS SHOULDER EQUAL WIDTH OF DRIVEWAY (MAX. 5%).





SCALE: 1" = 200'

SEPTIC ELEVATIONS

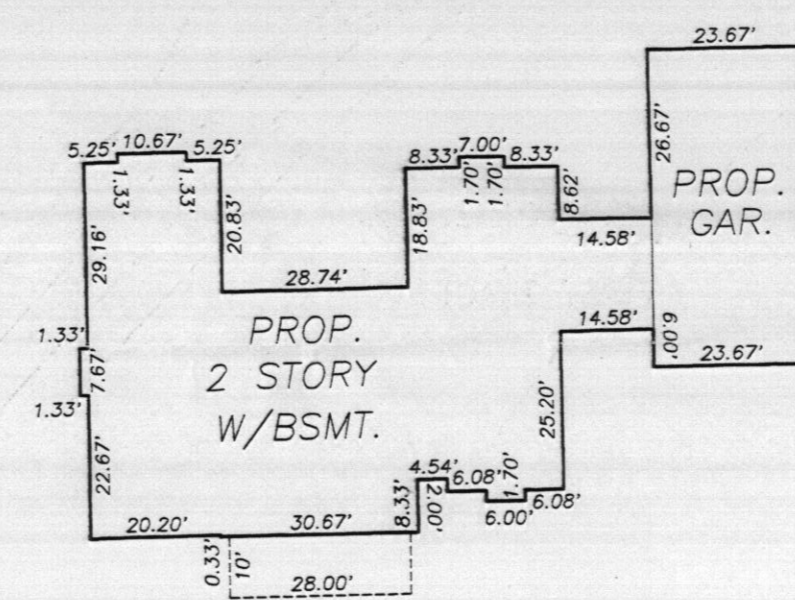
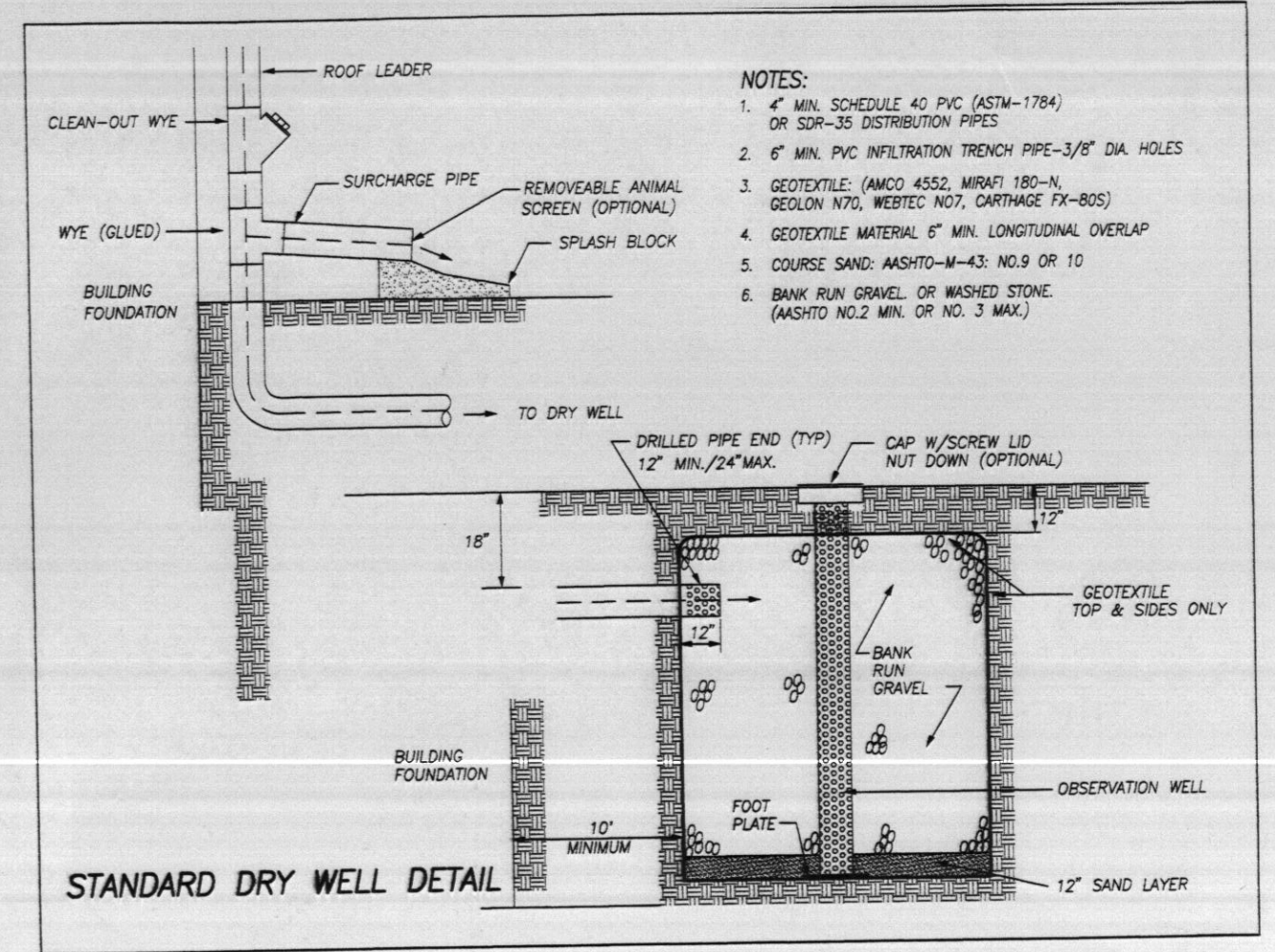
PROPOSED HOUSE:
EX. GRD. ELEV. = 556.6
BSMT. ELEV. = 546.6
CAP. ELEV. = 555.3
INV. OUT = 548.1

PROPOSED SEPTIC TANK:
EX. GRD. ELEV. = 546.0
PROP. GRD. ELEV. = 546.0
INV. IN = 546.0
INV. OUT = 543.7

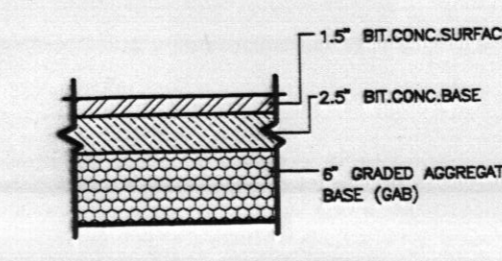
PROPOSED DISTRIBUTION BOX:
EX. GRD. ELEV. = 551.5
INV. IN = 548.0
INV. OUT = 548.7

NOTES:

- TOPOGRAPHY IS FIELD RUN BY VAN MAR ASSOC., INC. OCTOBER, 2004 (HOUSE SITE AND SEPTIC AREA). ADJACENT TOPOGRAPHY IS AERIAL FROM HOWARD COUNTY, MARYLAND.
- ACTUAL LENGTH AND NUMBER OF TRENCHES FOR SEWERAGE ARE TO BE DETERMINED AT THE TIME OF SEPTIC SYSTEM PERMIT ISSUANCE.
- PROPOSED HOUSE IS 4 BEDROOM.
- LIMIT OF DISTURBANCE: (LOD) 29,522 Sq. Ft.
- THE EXISTING WELL(S) SHOWN ON THIS PLAN HQ-04-4116 HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.



HOUSE DETAIL
1" = 30'



POOFTOP DISCONNECTION CREDIT

DOWN SPOUT	DISCONNECTION LENGTH	REQUIRED LENGTH	SNW ADDRESSED
1	75'	75'	YES
2	75'	75'	YES
3	75'	75'	YES
4	80'	75'	YES

DRY WELL DATA

DOWN SPOUT (PROOF DRAB)	DRYWELL No.	DRY WELL SIZE (4' DEPTH)	TOP OF OBSERVATION WELL	INVERT IN DRY WELL
5	5	5.0' X 6.0'	ELEV = 548.0'	ELEV = 547.17'
6	6	5.0' X 5.5'	ELEV = 548.0'	ELEV = 547.17'
7	7	4.0' X 4.5'	ELEV = 548.0'	ELEV = 547.17'
8	8	4.0' X 4.5'	ELEV = 546.5'	ELEV = 547.17'
9	9	5.5' X 5.5'	ELEV = 547.5'	ELEV = 546.67'
10	10	4.5' X 5.0'	ELEV = 545.0'	ELEV = 543.17'
11	11	4.5' X 5.5'	ELEV = 547.0'	ELEV = 545.17'

FOR CONSTRUCTION OF DRYWELLS REFER TO COUNTY DETAILS

DATE REVISIONS

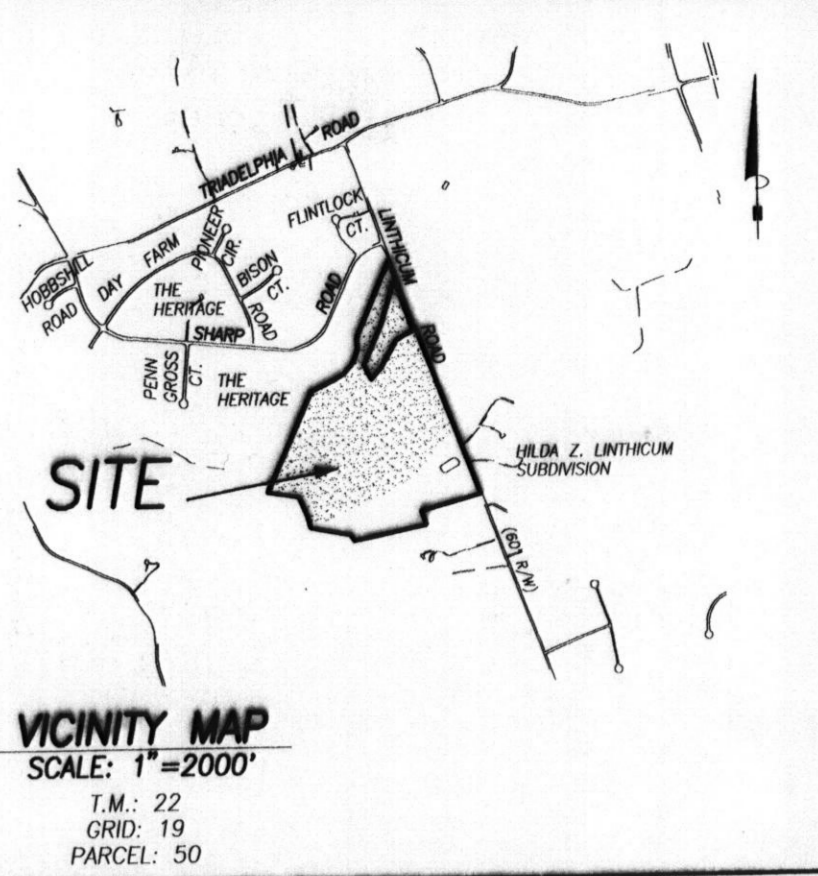
DATE	REVISIONS
6/19/05	

PLOT PLAN
LINTHICUM OAKS, L.L.C. PROPERTY

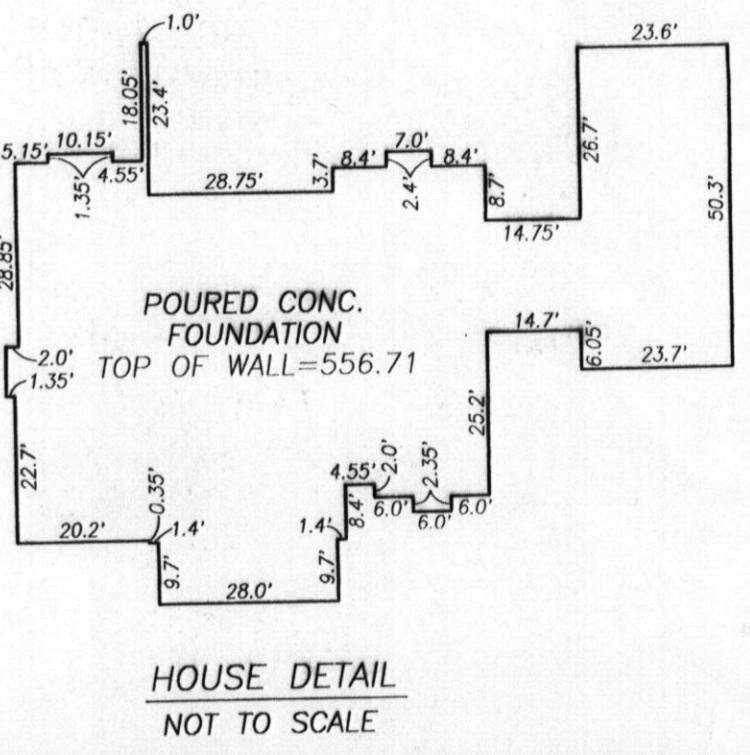
REMAINDER - SECOND TRACT
Liber 7907 of Folio 277
SITUATED ON THE WEST SIDE OF LINTHICUM ROAD
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' OCTOBER, 2004

VANMAR ASSOCIATES, INC.
Engineers & Surveyors Planners
310 South Main Street P.O. Box 328
Mount Airy, Maryland 21771
(301) 229-2896 (301) 951-5015 (410) 548-2751

OWNER:
LINTHICUM OAKS, L.L.C.
C/O TRACY D. GRIFIN
4231 LINTHICUM ROAD
DAYTON, MARYLAND 21036
(410) 531-3137



- NOTES:
1. THE EXISTING WELL(S) SHOWN ON THIS PLAN HO-94-4116 HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.
 2. FOOTINGS AND FOUNDATION ARE IN PLACE AS SHOWN.
 3. TOP OF WALL ELEV. = 556.71



I HEREBY CERTIFY THIS PLAN TO BE CORRECT. IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

Sourabh Munshi 7/12/05
 SOURABH G. MUNSHI, PROF. LAND SURVEYOR DATE
 MARYLAND REGISTRATION NO. 10770

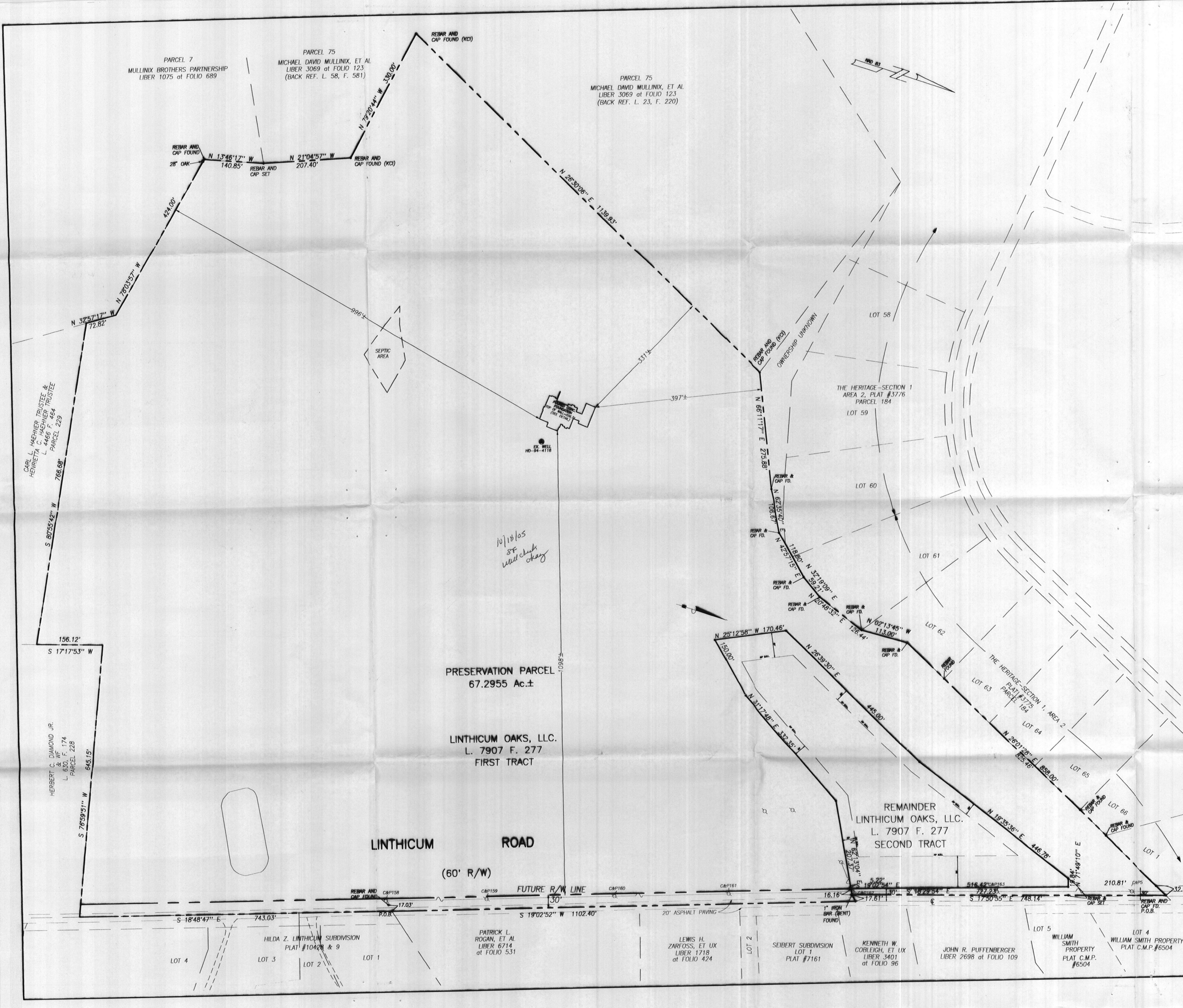
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 C/O TRACY D. GRIFFIN
 4231 LINTHICUM ROAD
 DAYTON, MARYLAND 21036
 (410) 531-3137

DATE	REVISIONS



WALL CHECK DRAWING
LINTHICUM OAKS, L.L.C.
 PROPERTY
 PRESERVATION PARCEL
 FIRST TRACT
 Liber 7907 at Folio 277
 4074 LINTHICUM ROAD
 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1"=100' JULY, 2005

VANMAR ASSOCIATES, INC.
 Engineers Surveyors Planners
 310 South Main Street P.O. Box 328
 Mount Airy, Maryland 21771
 (301) 825-2890 (301)831-5015 (410) 548-2751



PRESERVATION PARCEL
 67.2955 Ac.±

LINTHICUM OAKS, LLC.
 L. 7907 F. 277
 FIRST TRACT

LINTHICUM ROAD
 (60' R/W)

REMAINDER
 LINTHICUM OAKS, LLC.
 L. 7907 F. 277
 SECOND TRACT

10/18/05
 SF well check
 okay

LOT 4
 LOT 3
 LOT 2
 LOT 1

PATRICK L. ROGAN, ET AL
 LIBER 6714 at FOLIO 531

LEWIS H. ZARFOSS, ET UX
 LIBER 1718 at FOLIO 424

SEIBERT SUBDIVISION
 LOT 1
 PLAT #7161

KENNETH W. CORLEIGH, ET UX
 LIBER 3401 at FOLIO 96

JOHN R. PUFFENBERGER
 LIBER 2698 at FOLIO 109

WILLIAM SMITH PROPERTY
 PLAT C.M.P. #6504

WILLIAM SMITH PROPERTY
 PLAT C.M.P. #6504

CARL L. HAEHNER TRUSTEE &
 HENRIETTA C. HAEHNER TRUSTEE
 L. 4466 F. 464
 PARCEL 229

HERBERT C. DIAMOND JR.
 L. 632 F. 174
 PARCEL 228

PARCEL 7
 MULLINX BROTHERS PARTNERSHIP
 LIBER 1075 at FOLIO 689

PARCEL 75
 MICHAEL DAVID MULLINX, ET AL
 LIBER 3069 at FOLIO 123
 (BACK REF. L. 58, F. 581)

PARCEL 75
 MICHAEL DAVID MULLINX, ET AL
 LIBER 3069 at FOLIO 123
 (BACK REF. L. 23, F. 220)

VICINITY MAP
 SCALE: 1"=2000"
 T.M.: 22
 GRID: 19
 PARCEL: 50