

RECEIPT DATE: 12/20/12

P 544478

INSTALLATION APPROVAL DATE: _____

PERMIT

A _____

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

PROPERTY OWNER: Chris Malagari

OWNER'S ADDRESS: 8480 Baltimore National Pike Ste 418, Ellicott City MD 21043 PHONE: 410-465-6105

ADDRESS: 2306 Meadow Trail Lane TAX ACC'T #: 04-373456

SUBDIVISION: Mckendree View LOT: 6

SEPTIC TANK CAPACITY (GALLONS): TBD

PUMP CHAMBER CAPACITY (GALLONS): TBD

NUMBER OF BEDROOMS: TBD APPLICATION RATE: TBD

SQUARE FOOTAGE OF HOUSE: TBD

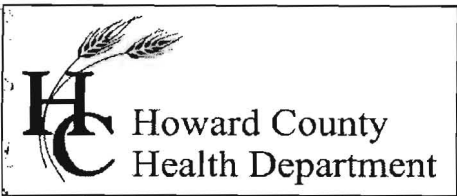
LINEAR FEET OF TRENCH REQUIRED: TBD

TRENCHES:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
LOCATION:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
NOTES:	A SUPPLEMENTAL PLAN PROVIDING SYSTEM DETAILS IS REQUIRED PRIOR TO HEALTH APPROVAL OF BUILDING PERMIT, PLOT PLAN, AND WALL CHECK. AN APPROVED WALL CHECK IS REQUIRED PRIOR TO PRE-CONSTRUCTION INSPECTION. THE OSDS PERMITTED HEREIN IS NOT SUBJECT TO REVISIONS TO COMAR 26.04.02 EFFECTIVE 1/1/2013 ON THE CONDITION THAT FINAL HEALTH APPROVAL OF THE INSTALLATION IS GRANTED PRIOR TO PERMIT EXPIRATION.

ISSUED BY: JEFF WILLIAMS ISSUE DATE: 12/20/12 EXPIRATION DATE: 12/20/13

- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM. PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT. CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM.



Bureau of Environmental Health
 7178 Gateway Drive Columbia, MD 21046
 (410) 313-2640 Fax (410) 313-2648
 TDD (410) 313-2323 Toll Free 1-866-313-6300
 website: www.hchealth.org

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 12/20/12 **ONSITE SEWAGE DISPOSAL SYSTEM** P 544478

INSTALLATION APPROVAL DATE: 12/19/13 **PERMIT** A _____
CONSTRUCTION

PROPERTY ADDRESS: 2306 Meadow Trail Lane
 SUBDIVISION: McKendree View LOT: 6 TAX ID: 04-373456
 CONTRACTOR: WTC III EMAIL: _____
 CONTRACTOR ADDRESS: 1820 Gillis Falls Lane PHONE: 443-398-1782
 PROPERTY OWNER: Cary Cumberland EMAIL: _____
 OWNER ADDRESS: 1715 Archers Glen, Sykesville, MD 21784 PHONE: 410-977-2188

SEPTIC TANK SIZE (GALLONS): 2000
 PUMP CHAMBER CAPACITY (GALLONS): _____ PUMP SIZE: _____
 NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. 4558 APPLICATION RATE: ~~0.8~~ 1.2 *reb*
 DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: 248 <u>25</u> <i>12/18/13</i> INLET DEPTH: <u>4</u>
	TRENCH WIDTH: <u>2</u> <u>3</u> <i>reb</i> MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>2</u> <u>10</u> EFFECTIVE AREA BEGINNING DEPTH: <u>4.5</u> <i>reb</i>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.
NOTES:	Set septic tank per plan. <i>in southeast corner of SDA.</i> Set distribution tank per plan. <i>at beginning of trench. Install 1x75' trench</i> Install equal length trenches on contour. <i>reb</i> Basement will not sewer by gravity.

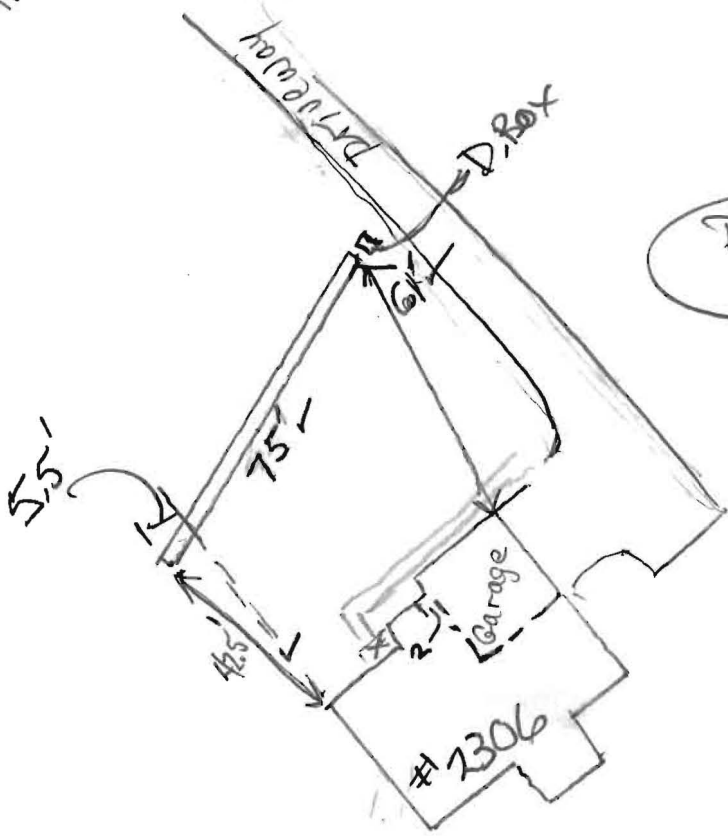
ISSUED BY: Heidi Scott ISSUE DATE: _____ EXPIRATION DATE: 12/20/13

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

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PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.
CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

Meadow Trail Lane

NOT TO SCALE



Lot 6

HP-95-1134

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3	4'	8'
NUMBER OF TRENCHES	1	
TOTAL LENGTH	75	
ABSORPTION AREA	500 ft ²	
DISTRIBUTION BOX LEVEL	Yes	
DISTRIBUTION BOX BAFFLE	Yes	
DISTRIBUTION BOX PORT	Yes	

SEPTIC TANK DATA

SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	3'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	—
SLOTTED	Yes
DATE ON LID	11-5-13

PUMP/SEPTIC TANK LEVEL

LEVEL	N/A
MANUFACTURER	—
CAPACITY	— GAL
SEAM LOC	—
TANK LID DEPTH	—
BAFFLES	—
BAFFLE FILTER	—
MANHOLE LOC	—
6" PORT LOC	—
WATERTIGHT TEST	—
SLOTTED	—
DATE ON LID	—

PRE-CONSTRUCTION:

12/18/13: Revised specs per Perc results (P-21). Inspection complete 12:15 p.m.; OK to proceed. See front for Revised specs, RB

INSTALLATION:

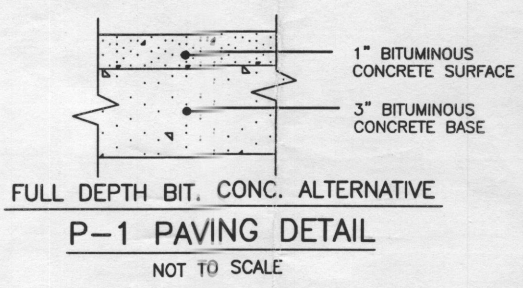
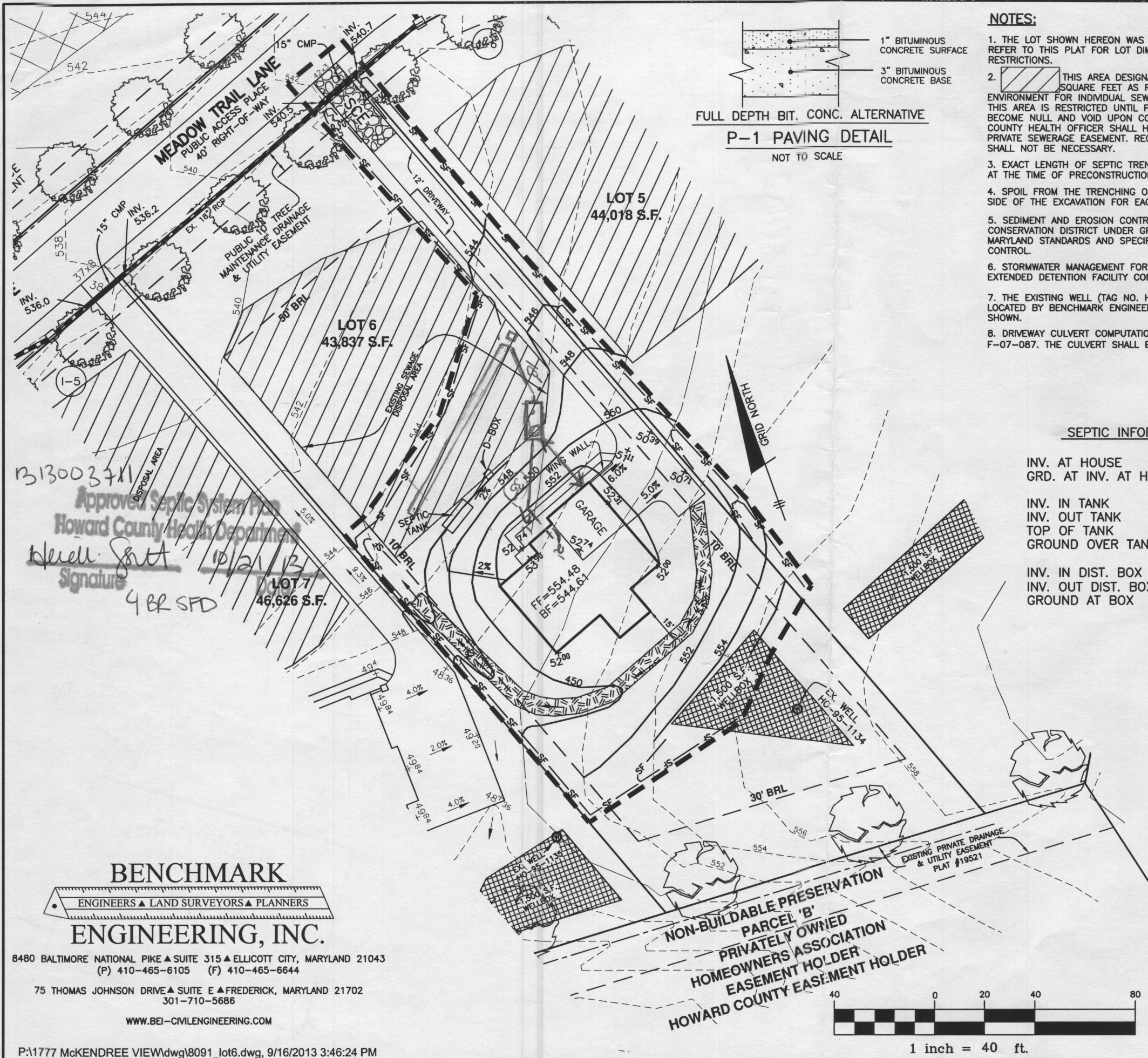
12/19/13 House wall Foundation in. Trench set per inspection per RB. OK to cover (RW)

FINAL INSPECTOR

K. Wolf

DATE OF APPROVAL

12/19/13

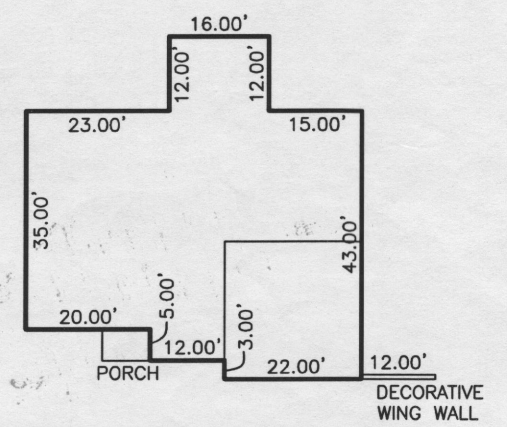


- NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON 11-05-07 AS PLAT NUMBER 19521. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
 2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL 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 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 GP-10-064 AND SHALL COMPLY WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 6. STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED UNDER THE P-1 MICROPOL EXTENDED DETENTION FACILITY CONSTRUCTED UNDER F-07-087.
 7. THE EXISTING WELL (TAG NO. HO-95-1134) SHOWN ON THIS PLAN WAS FIELD LOCATED BY BENCHMARK ENGINEERING, INC. IN AUGUST, 2007 AND IS ACCURATELY SHOWN.
 8. DRIVEWAY CULVERT COMPUTATIONS WERE PROVIDED AND APPROVED UNDER F-07-087. THE CULVERT SHALL BE 15" CMP OR ELLIPTICAL EQUIVALENT.

- LEGEND**
- EXISTING CONTOURS
 - 1500 S.F. WELL BOX
 - FIELD LOCATED WELL
 - PRIVATE SEWER DISPOSAL AREA
 - SILT FENCE
 - LIMIT OF DISTURBANCE
 - STABILIZED CONSTRUCTION ENTRANCE
 - EROSION CONTROL MATTING

SEPTIC INFORMATION

INV. AT HOUSE	543.4
GRD. AT INV. AT HOUSE	552.0
INV. IN TANK	542.6
INV. OUT TANK	542.3
TOP OF TANK	543.6
GROUND OVER TANK	546.0
INV. IN DIST. BOX	542.0
INV. OUT DIST. BOX	541.8
GROUND AT BOX	545.8



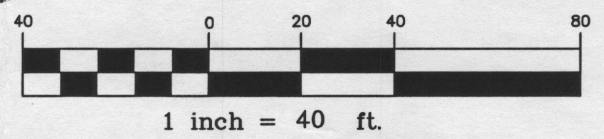
B13003711
Approved Septic System Plan
Howard County Health Department
Herald Smith
Signature
10/21/13
4 BR SFD

OWNER:
CARY CUMBERLAND
VIKING HOMES
1715 ARCHERS GLEN
SYKESVILLE, MARYLAND 21784

BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 315 ▲ ELLICOTT CITY, MARYLAND 21043
(P) 410-465-6105 (F) 410-465-6644
75 THOMAS JOHNSON DRIVE ▲ SUITE E ▲ FREDERICK, MARYLAND 21702
301-710-5686
WWW.BEI-CIVILENGINEERING.COM

NON-BUILDABLE PRESERVATION
PARCEL 'B'
PRIVATELY OWNED
HOMEOWNERS ASSOCIATION
EASEMENT HOLDER
HOWARD COUNTY EASEMENT HOLDER

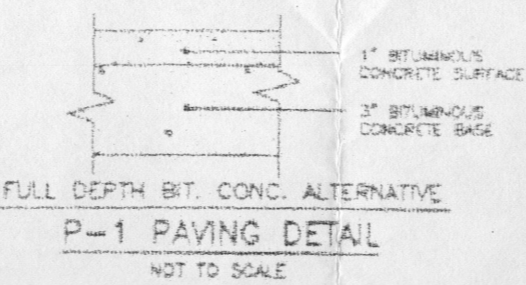
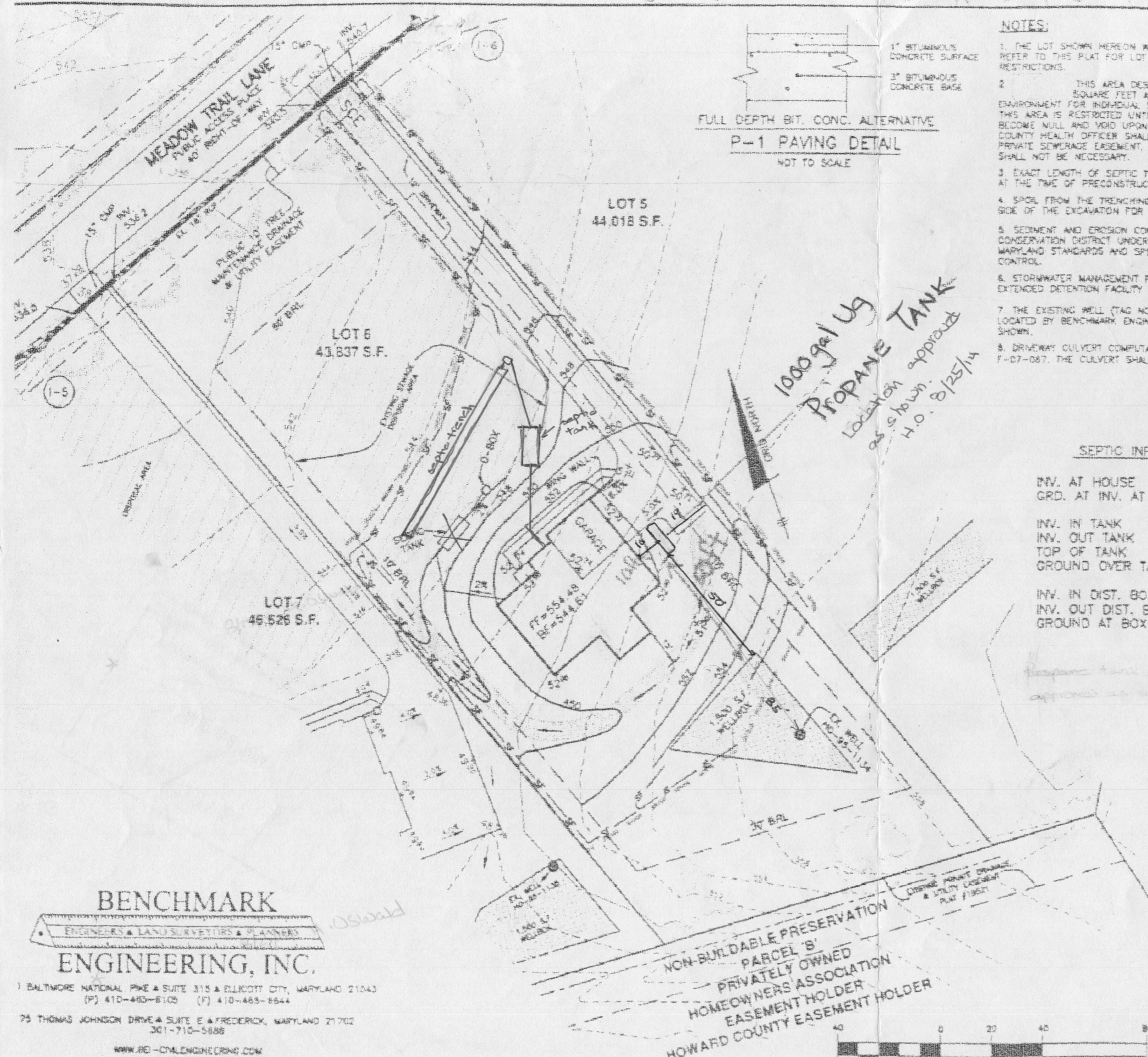


McKENDREE VIEW
LOT 6
2306 MEADOW TRAIL LANE

TAX MAP: 14 GRID: 12 PARCEL: 54
ZONED: RC-DEO
ELECTION DISTRICT NO. 4
HOWARD COUNTY, MARYLAND

PERMIT PLAN

DATE: SEPTEMBER 16, 2013 BEI PROJECT NO. 1777-V
SCALE: AS SHOWN DRAWING 1 OF 1



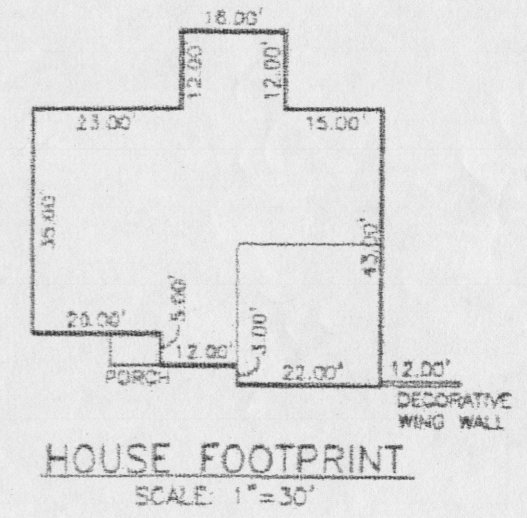
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 - SILT FENCE
 - LIMIT OF DISTURBANCE
 - STABILIZED CONSTRUCTION ENTRANCE (SCE)
 - EROSION CONTROL MATTING

1000 gal U_g
PROpane TANK
Location approved
H.O. 8/25/14

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McKENDREE VIEW
LOT 6
2306 MEADOW TRAIL LANE

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SCALE: AS SHOWN DRAWING 1 OF 1

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ENGINEERING, INC.

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