

LAYOUT 9/25/06 INSP 4 _____
 INSP 2 9/27/06 INSP 5 _____
 INSP 3 9/20/06 INSP 6 _____

ISSUE DATE: 9/20/06

P 525566

APPROVAL DATE: 9/20/06

A 513567-B

PERMIT

INDEXED

TAX ID #03-342077

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

K & K Excavating IS PERMITTED TO INSTALL ALTER

ADDRESS: PO Box 280, Lisbon 21765 PHONE NUMBER: 410-442-1336

SUBDIVISION: Fox Meadow LOT NUMBER: 2

ADDRESS: 13691 Old Rover Road PROPERTY OWNER: Northridge Development

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: 149 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 2.0 feet below original grade. Bottom maximum depth 4.0 feet below original grade. Effective area begins at 2.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Keep system shallow for better treatment, water table concerns lower on lot.
NOTES:	No downhill adjustment to SDA without wet season testing. Basement not serviced by gravity.

PLANS APPROVED: Steven Krieg/SF Reviewed by: _____ DATE: 6/8/06

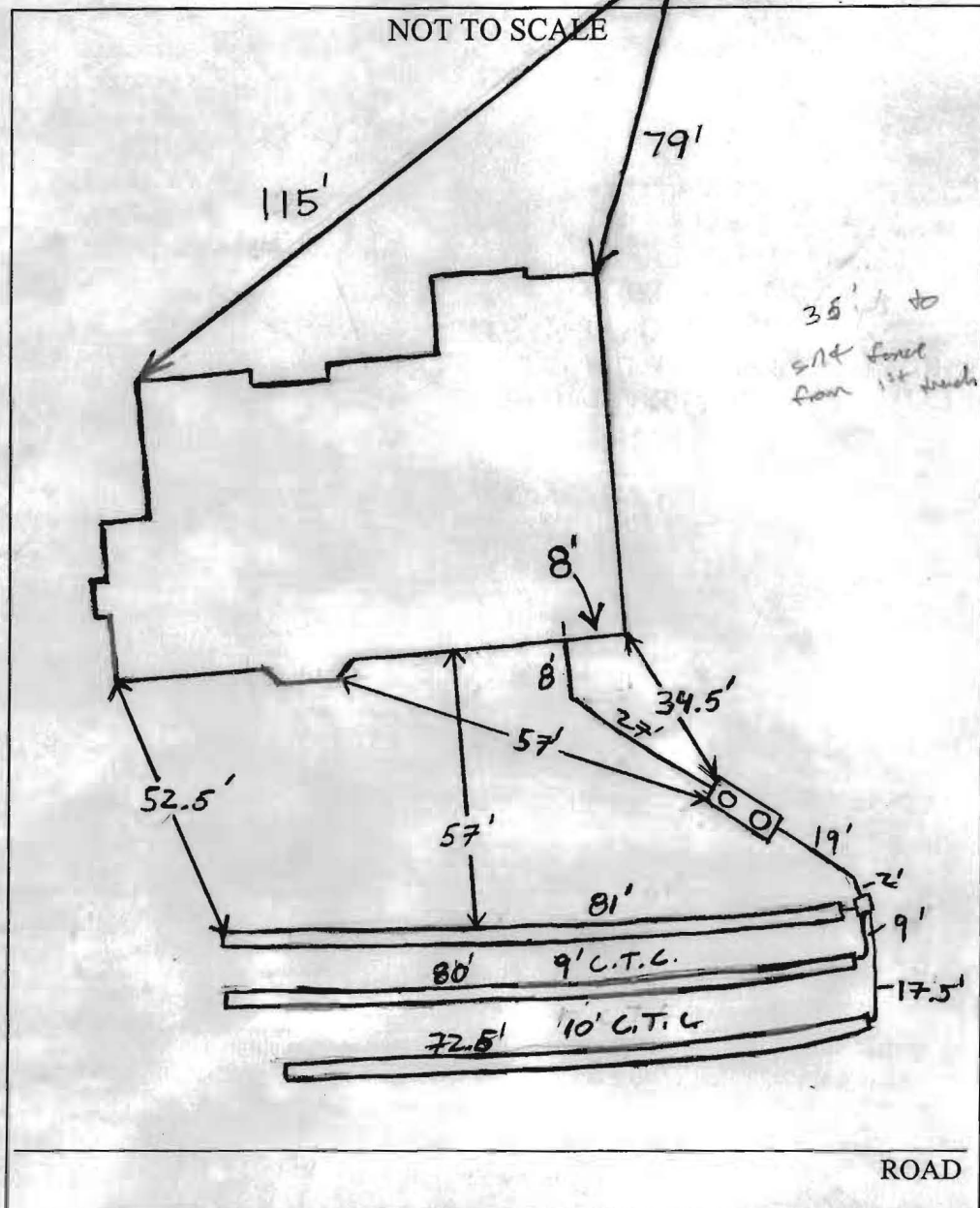
NOTES: PERMIT VOID AFTER 2 YEARS
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
 WATERTIGHT SEPTIC TANKS REQUIRED
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS 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
 CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

0525566

HO-94-3715

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	2'	4'
NUMBER OF TRENCHES		3
TOTAL LENGTH		233.5
ABSORPTION AREA		
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		NO

SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL		Level
CAPACITY	1500	GAL
SEAM LOC	Top	
TANK LID DEPTH	1.5-3'	
BAFFLES	Yes	
BAFFLE FILTER	Yes	
MANHOLE LOC	Front/Rear	
6" PORT LOC	None	
WATERTIGHT TEST	NA	
SEPTIC TANK 2 LEVEL		_____
CAPACITY	_____	GAL
SEAM LOC	_____	
TANK LID DEPTH	_____	
BAFFLES	_____	
BAFFLE FILTER	_____	
MANHOLE LOC	_____	
6" PORT LOC	_____	
WATERTIGHT TEST	_____	

layer Bros. Pump

PRE-CONSTRUCTION 9/25/06 O.K. to install 3-80' trenches on contour across the top of the easement. Some fill on upper left corner of easement. (RB)

INSTALLATION 9/27/06 Tank installed. Plumbing from house to tank not hooked up. First 80' trench installed. Started 2nd trench, 9' center to center on 1st trench and start of 2nd trench. Contractor argued w/ me about being too close. Contractor stated he had too because they would not move silt fence! (KW) 9/28/06 All 3 trenches installed. 3rd trench still little too close. OK. to Backfill. (KW)

FINAL INSPECTOR K. Wolf DATE OF APPROVAL 9/28/06

11/02/06

Fox meadow

LOT # 2

13691 OLD ROVER Road

WESTFRIENDSHIP MD 21794

TO: Mike Davls

Request for 5' varriance from Septic Field
on proposed deck. The lines of the installed field
start at 57' from rear of house leaving approx
35' to raised Deck. Also there is reserved Field
at Rear of property. The proposed deck is
5' off existing grade.

Thank you,



Robert C Boswell Jr

410 365 4000

OLD ROVER ROAD
LOCAL ROAD

9/20/06 OK
M. Dow

LOT 1

LOT 2

PEFFERKORN ROAD
50' R/W

WELL (W)
HO CO-94-3715

GRID NORTH

SEE DETAIL

LOT 3

POURED CONCRETE
FOUNDATION

~FOUNDATION DETAIL~

SCALE: 1" = 30'

HOA OWNERSHIP
HOA OPEN SPACE
PRIVATE
STORMWATER MANAGEMENT,
DRAINAGE AND UTILITY EASEMENT

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 07/06/06 ; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY DAFT, McCUNE, WALKER, INC. ENTITLED " FOX MEADOW LOTS 1 THROUGH 12, 14 THROUGH 17, H.O.A. OPEN SPACE LOTS 13, & 18, PRESERVATION PARCELS A, B, AND C ", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 16865

TOP OF FOUNDATION WALL ELEVATION = 558.9'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

DAVID M. HARRIS
REGISTERED PROFESSIONAL LAND SURVEYOR
MD REG. No. 10978
FOR BENCHMARK ENGINEERING, INC.
MD REG. No. 351
RECORD PLAT No. 16865
FEMA FIRM No. 240044 0015 B
ZONE: C
DATED: 12/04/86



WALL CHECK

FOX MEADOW

LOTS 1 THROUGH 12,
14 THROUGH 17, H.O.A.
OPEN SPACE LOTS 13, & 18,
PRESERVATION PARCELS
A, B, AND C

LOT No. 2

13691 OLD ROVER ROAD

3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 07/06/06

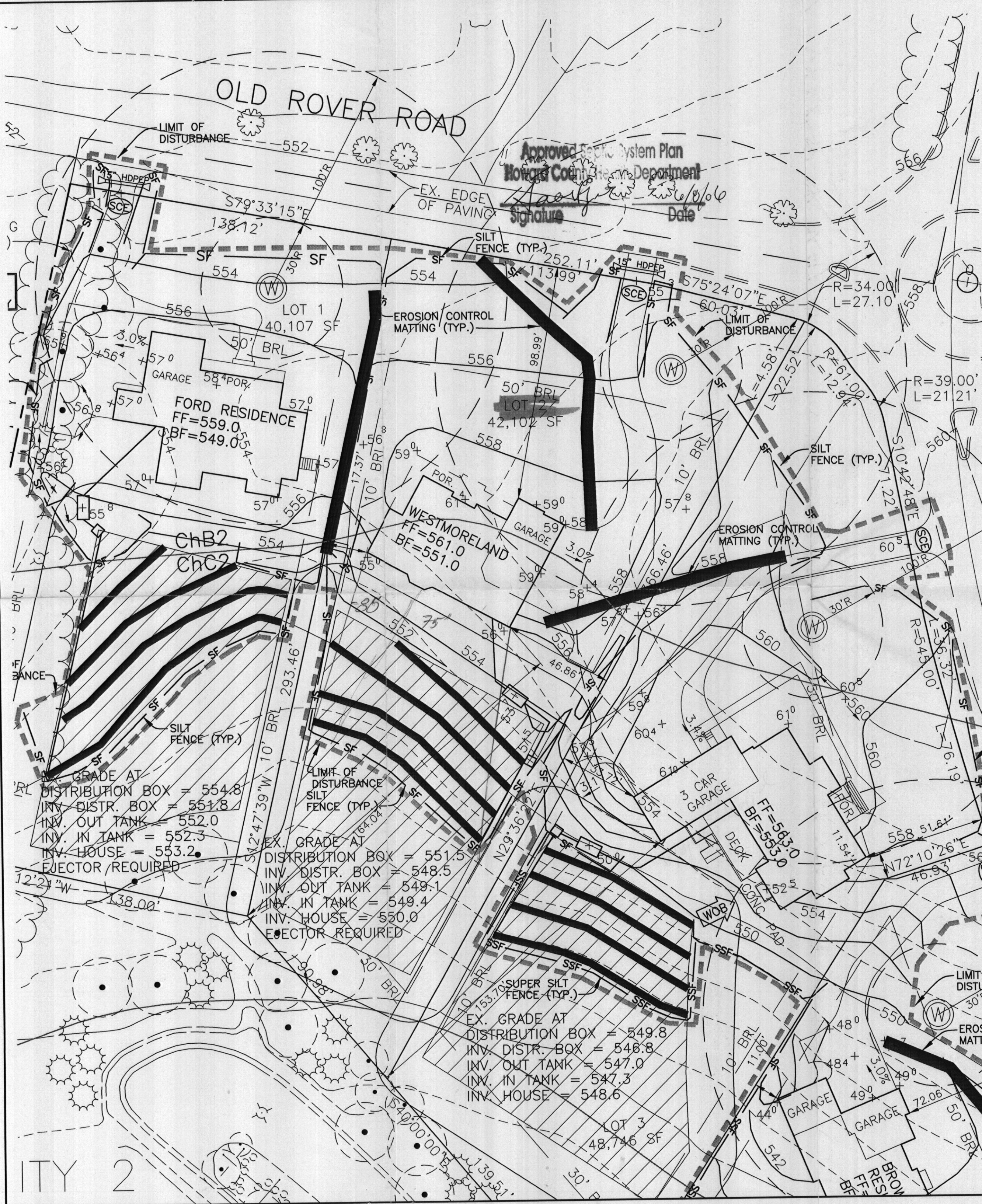
BENCHMARK

ENGINEERS • LAND SURVEYORS • PLANNERS

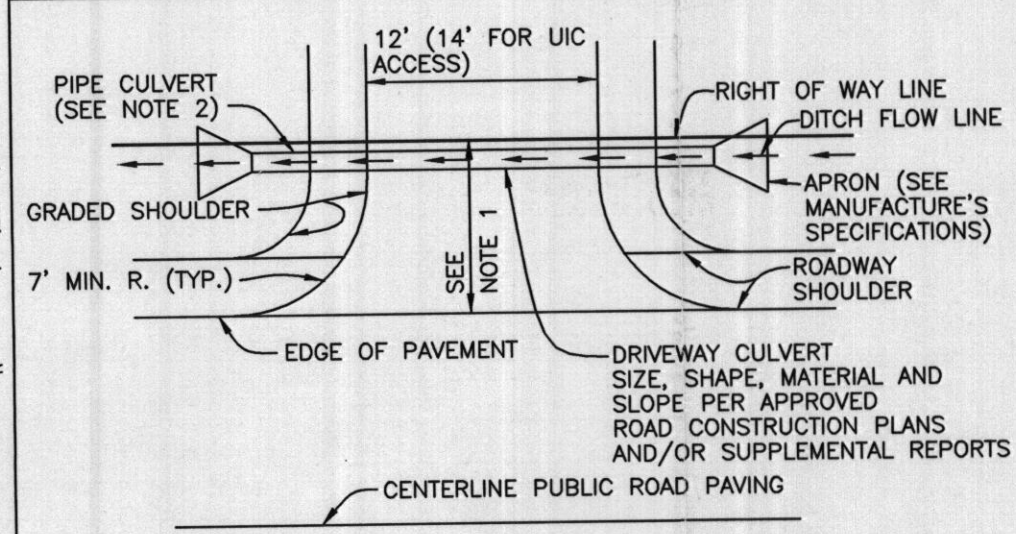
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE • SUITE 418
ELLCOTT CITY, MARYLAND 21043

Phone: 410-465-8105 & fax: 410-465-8644
P:\1743 Fox Meadow\dwg\1858802.dwg, wallcheck, 7/7/2006 9:17:34 AM,
Kvorera Mita KM-2530 KX.pc3



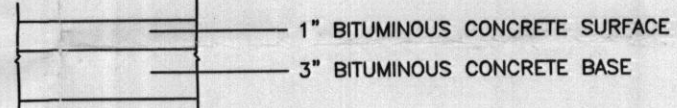
- NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR FOX MEADOW, PLAT No. 16865. REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS AND ALL EASEMENTS.
 2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL 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. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER GP-04-98 AND MODIFIED FOR THIS SPECIFIC HOUSE.
 4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS.
 5. EXACT LENGTH OF SEPTIC TRENCHES ARE BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
 6. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
 7. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 8. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS.
 9. SEPTIC TANK FOR THIS LOT TO BE 1,500 GALLONS.
 10. THE EXISTING WELL SHOWN ON THIS PLAN, HO-94-3715, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.



- NOTES:**
1. DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT OF WAY LINE USING STANDARD PAVING SECTION P-1 AS SHOWN ON STD NO. R-2.01 OR ALTERNATIVE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY D.P.W.
 2. DRAINAGE CULVERT SIZE, SHAPE, MATERIAL AND SLOPE SHALL BE IN ACCORDANCE WITH THE APPROVED ROAD CONSTRUCTION PLANS AND/OR SUPPLEMENTAL REPORTS.
 3. APRONS ARE TO BE INSTALLED AT EACH END OF THE DRIVEWAY CULVERT AND SIZED PER MANUFACTURER'S SPECIFICATIONS.
 4. SWALE FLOW MAY BE PROVIDED OVER DRIVEWAY IF LOCATED AT OR NEAR THE CREST OF A VERTICAL CURVE ON THE PUBLIC ROAD WHERE QUANTITY OF FLOW IS SMALL, AS APPROVED BY D.P.W. SEE HOWARD COUNTY STANDARD DETAIL R-6.06 FOR ADDITIONAL INFORMATION.

DRIVEWAY CULVERT NOTES AND DETAIL
 NOT TO SCALE

April
Signature **6/8/06**
Date



PAVING SECTION
 NOT TO SCALE

Approved Septic System Plan
Howard County Health Department
April
Signature **6/8/06**
Date

NO.	DATE	REVISION

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@ccais.com

OWNER/BUILDER: JAMES H. SELFRIDGE BUILDERS, INC. 14045 GARED DRIVE GLENWOOD, MD 21738 PHONE: 410-531-8930 FAX: 410-531-8939		PROJECT: FOX MEADOW LOT 2	
LOCATION: 13691 OLD ROVER ROAD WEST FRIENDSHIP, MD 21794 TAX MAP No. 15 - BLOCK Nos. 13, 19 & 20 - PARCEL No. 1 3rd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND		TITLE: PERMIT PLAN	
HOUSE TYPE: WESTMORELAND		DATE: MAY, 2006	
DESIGN: JMC	DRAFT: JMC	SCALE: 1" = 30'	PROJECT NO. 1743 DRAWING 1 OF 1