

LAYOUT 10/3/05 INSP 4 _____
 INSP 2 10/5/05 INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 9/12/2005
 APPROVAL DATE: 12/12/05

P 523297
 A 511495

PERMIT
 INDEXED
TAX ID #05-435897
ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

Fyock Septic Service IS PERMITTED TO INSTALL ALTER

ADDRESS: PO Box 89, Glenelg MD 21737 PHONE NUMBER: 240-882-4025

SUBDIVISION: White Estates LOT NUMBER: 2

ADDRESS: 13534 Orion Drive PROPERTY OWNER: Steven's Builders

SEPTIC TANK CAPACITY (GALLONS): 1000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1000 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 3

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 90 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 3.0 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box in the highest elevation of the approved SDA.
NOTES:	-90' is minimum at least 100' dug as installation.

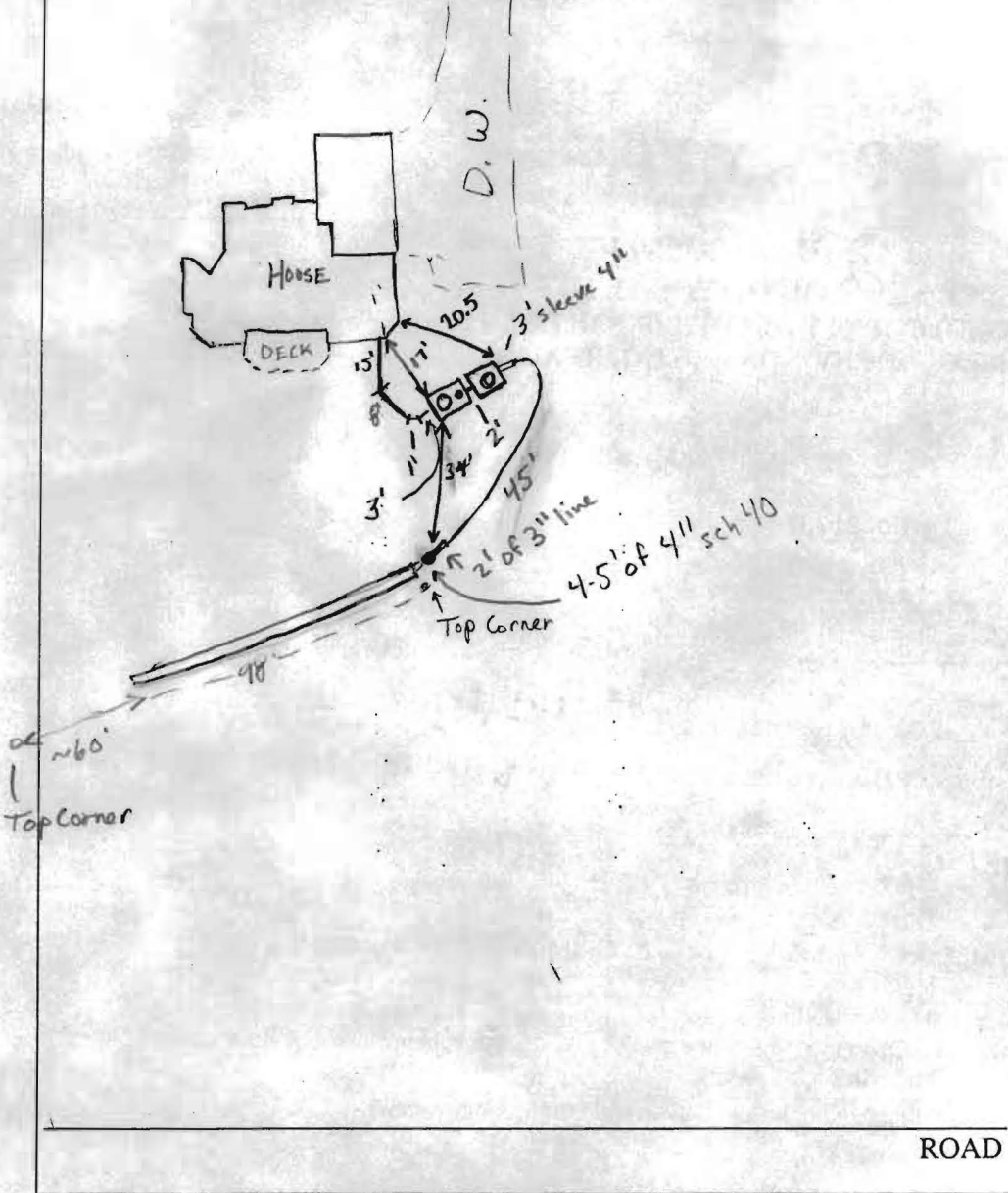
PLANS APPROVED: Kevin J. Bell Reviewed by: _____ DATE: 11/8/04

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 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

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NOT TO SCALE

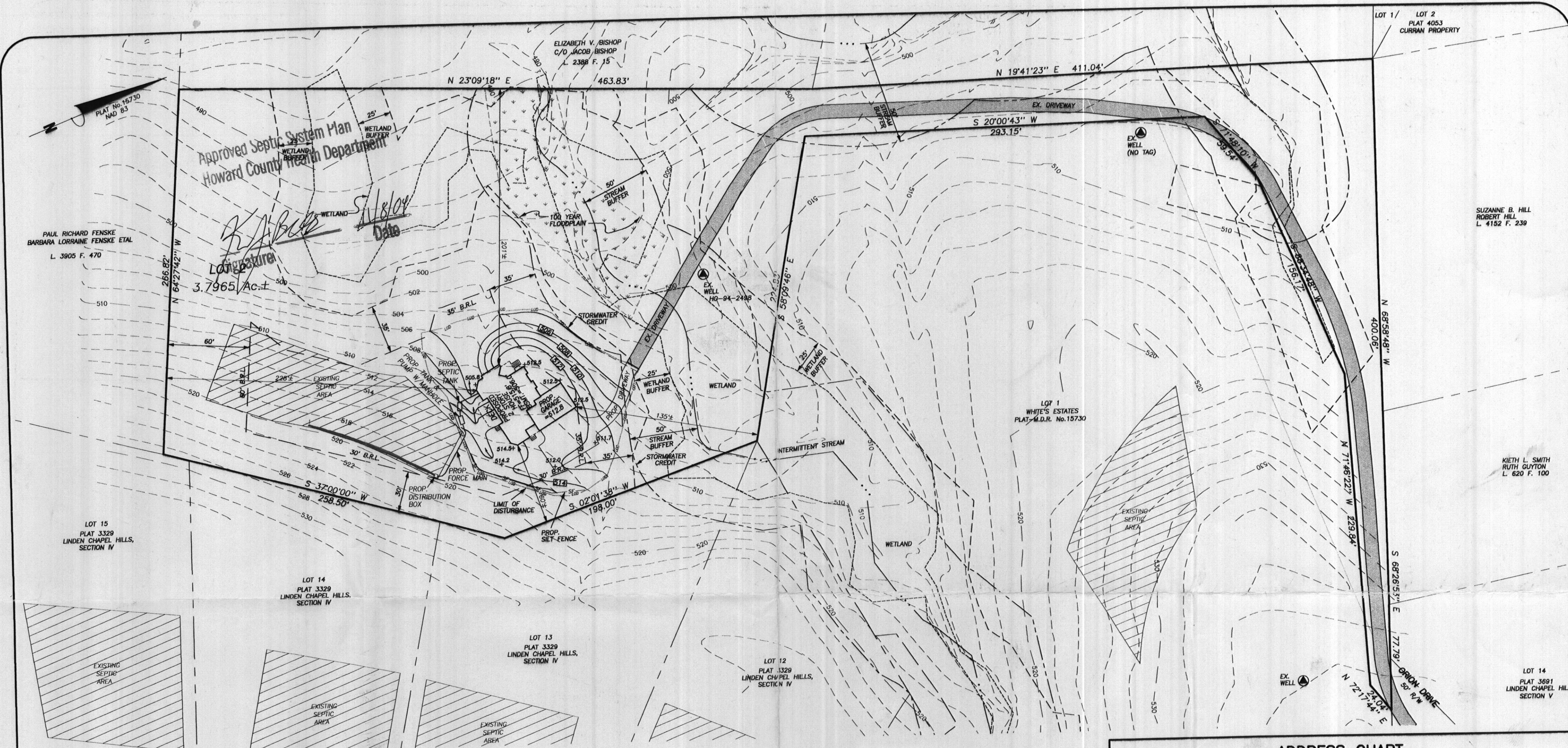


TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	6'
NUMBER OF TRENCHES		1
TOTAL LENGTH		98'
ABSORPTION AREA		294 + Sidewalk
DISTRIBUTION BOX LEVEL		No
DISTRIBUTION BOX BAFFLE		N/A
DISTRIBUTION BOX PORT		yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2-3'
BAFFLES	4 yes
BAFFLE FILTER	No
MANHOLE LOC	Inlet
6" PORT LOC	N/A
WATERTIGHT TEST	N/A
SEPTIC TANK 2 LEVEL	yes
CAPACITY	1000 GAL
SEAM LOC	Top
TANK LID DEPTH	2-3'
BAFFLES	1 yes
BAFFLE FILTER	No
MANHOLE LOC	Middle
6" PORT LOC	N/A
WATERTIGHT TEST	N/A

PRE-CONSTRUCTION 10/3/05. House Connection moved. set tanks at least 10' away from the house. Area also not staked, stakes
 INSTALLATION pulled by "punk kids." Ribbons in trees indicated area though. Run 1x 90' (21 min) trench across top of easement on contour. 10/5/05 System installed. Septic Tanks placed in such a position that they should not interfere w/ any future plans (Deck, pool, etc) No distr. Box used. 3" - 4" taper used to slow flow into the trench. 12/12/05 Pump and Alarm complete (SF)

FINAL INSPECTOR Michael A. Veigleton DATE OF APPROVAL 12/12/05



Approved Septic System Plan
Howard County Health Department

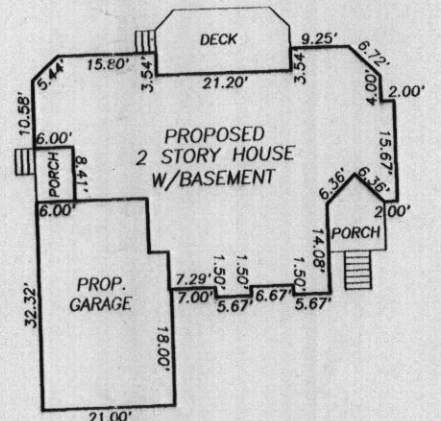
R. A. B. L. R.
Signature
Date
3.7965 Ac.±

SEPTIC ELEVATIONS

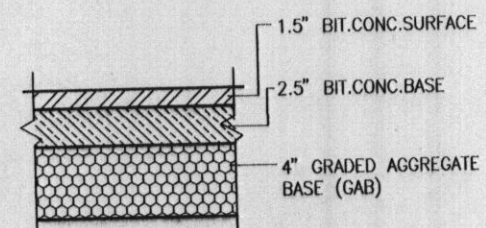
PROPOSED HOUSE:	FF ELEV.= 515.8'
	BSMT. ELEV.= 506.0'
	GAR. ELEV.= 512.8'
	INV. OUT ELEV.=508.3'
PROPOSED SEPTIC TANK: (1000 gal.)	EX. ELEV.= 512.0'
	PROP. ELEV.=512.0'
	INV. IN= 510.0'
	INV. OUT= 509.7'
PROPOSED SEPTIC TANK W/PUMP: (1000 gal.)	EX. ELEV.= 513.0'
	PROP. ELEV.=513.0'
	INV. IN= 509.0'
PROPOSED DISTRIBUTION BOX:	EX. ELEV.= 520.0'
	INV. IN= 518.2'
	INV. OUT= 517.9'

NOTES:

1. TOPOGRAPHY OBTAINED FROM KCI ENGINEERING, INC. CONTOUR INTERVALS ARE 2 FEET.
2. ACTUAL LENGTH AND NUMBER OF TRENCHES FOR SEWERAGE ARE TO BE DETERMINED AT THE TIME OF SEPTIC SYSTEM PERMIT ISSUANCE.
3. PROPOSED HOUSE IS 3 BEDROOM.
4. LIMIT OF DISTURBANCE: 13,745 Sq. Ft.
5. THE EXISTING WELL(S) SHOWN ON THIS PLAN HO-94-2498, HO-(NO TAG) HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.
6. STORMWATER HAS BEEN ADDRESSED CLAIMING SHEET FLOW TO BUFFER CREDIT.
7. STORMWATER MANAGEMENT FOR THE DRIVEWAY HAS BEEN ACHIEVED BY AN EXISTING BIO-RETENTION FACILITY.

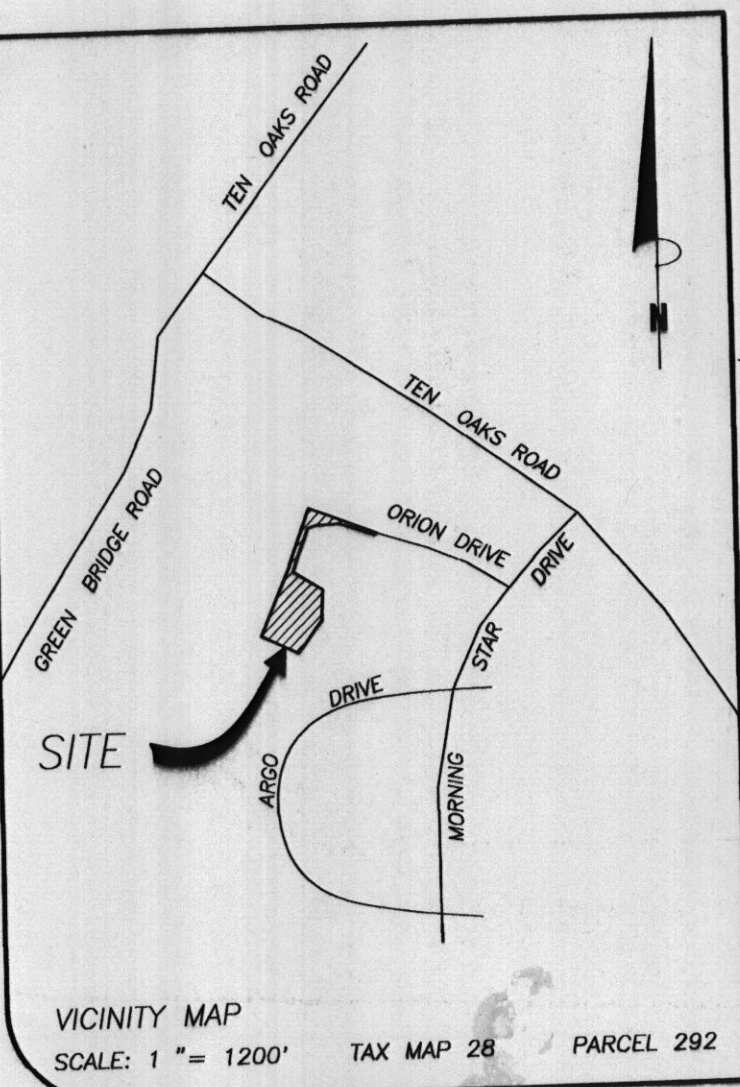


HOUSE DETAIL
1" = 30'



PAVING SECTION
(N.T.S.)

ADDRESS CHART		
LOT/PARCEL #	STREET ADDRESS	
LOT #2, p/o PARCEL #292	13534 ORION DRIVE	
PERMIT INFO CHART		
Subdivision Name: WHITES ESTATES	Section/Area: 	Lot/Parcel No.: 2/292
Plot# or L/F: M.D.R. 15730	Grid#: 14	Zoning: RR-DEO
	Tax Map No.: 28	Election Distr.: FIFTH
WATER CODE: (PRIVATE) ON - LOT	SEWER CODE: (PRIVATE) ON - LOT	
DATE: 11/2/04	REVISION: Per H.D. comments	OWNER/DEVELOPER: STEVENS BUILDERS, INC. 3905 NATURAL DRIVE, SUITE 250 BURTONSVILLE, MARYLAND 20866 (301) 317-3324
DATE: 11/2/04	REVISION: Per P&Z comments	
TAX MAP: #28, GRID: #14, PARCEL: #292		
PLOT PLAN LOT 2 WHITES ESTATES (PLAT-M.D.R. #15730) 13534 ORION DRIVE 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) 829 2890 (301)831 5015 (410) 549 2751



VICINITY MAP
SCALE: 1" = 1200' TAX MAP 28 PARCEL 292

PERMIT # B00150815

11/2/04