



Howard County  
Health Department

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: 12/11/12 **ONSITE SEWAGE DISPOSAL SYSTEM** P 544424

INSTALLATION APPROVAL DATE: \_\_\_\_\_ **PERMIT** A \_\_\_\_\_

**CONSTRUCTION**

PROPERTY ADDRESS: 18259 Penn Shop Road

SUBDIVISION: Jeff Harrison Property LOT: 1 TAX ID: 04-369416

CONTRACTOR: \_\_\_\_\_ EMAIL: \_\_\_\_\_

CONTRACTOR ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

PROPERTY OWNER: Forty West Group EMAIL: \_\_\_\_\_

OWNER ADDRESS: 3230 Bethany Lane PHONE: 410-418-8900

SEPTIC TANK SIZE (GALLONS): 2000

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ PUMP SIZE: \_\_\_\_\_

NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. +3900 APPLICATION RATE: 0.6

DISTRIBUTION SYSTEM: GRAVITY FED  LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>103.33</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>5</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4</u>
LOCATION:	PER APPROVED SITE PLAN, SEWAGE DISPOSAL AREA MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Set septic tank per layout inspection. Set distribution box per layout inspection. Install 103.33 feet of trench on contour.	

ISSUED BY: Dana Bernard ISSUE DATE: \_\_\_\_\_ EXPIRATION DATE: 1/8/13

- 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

**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 TO SCHEDULE INSPECTIONS.**

# Howard County Health Department

Bureau of Environmental Health, Ellicott City, Maryland 410-313-2640

SEWAGE DISPOSAL PERMIT NO. A- \_\_\_\_\_ P- 544424

PERMITTEE

LOCATION

1859 Penn Shop Road Jeff Harrison Property Lot 1  
Farty West Group

Do Not Cover Work Until Health Department Approval Appears On This Card

**POST THIS CARD WHERE IT CAN BE SEEN FROM ROAD**

STOP ALL CONSTRUCTION ON SEWAGE DISPOSAL SYSTEM AND CONTACT HEALTH DEPARTMENT BEFORE CONTINUING

WORK IS SATISFACTORY, CONTINUE

Inspector

Date

Inspector

Date

FINAL INSPECTION MADE, COVER ALL WORK

Inspector

Date

RECEIPT DATE: 12/11/12

P 544424

INSTALLATION APPROVAL DATE: \_\_\_\_\_

# PERMIT

A \_\_\_\_\_

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

PROPERTY OWNER: Forty West Group

OWNER'S ADDRESS: 3230 Bethany Lane PHONE: 410-418-8900

ADDRESS: 18359 Penn Shop Road TAX ACC'T #: 04-369416

SUBDIVISION: Jeff Harrison Property LOT: 1

SEPTIC TANK CAPACITY (GALLONS): TBD

PUMP CHAMBER CAPACITY (GALLONS): TBD

NUMBER OF BEDROOMS: TBD APPLICATION RATE: TBD

SQUARE FOOTAGE OF HOUSE: TBD

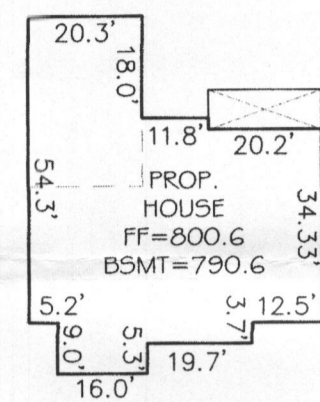
LINEAR FEET OF TRENCH REQUIRED: TBD

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.

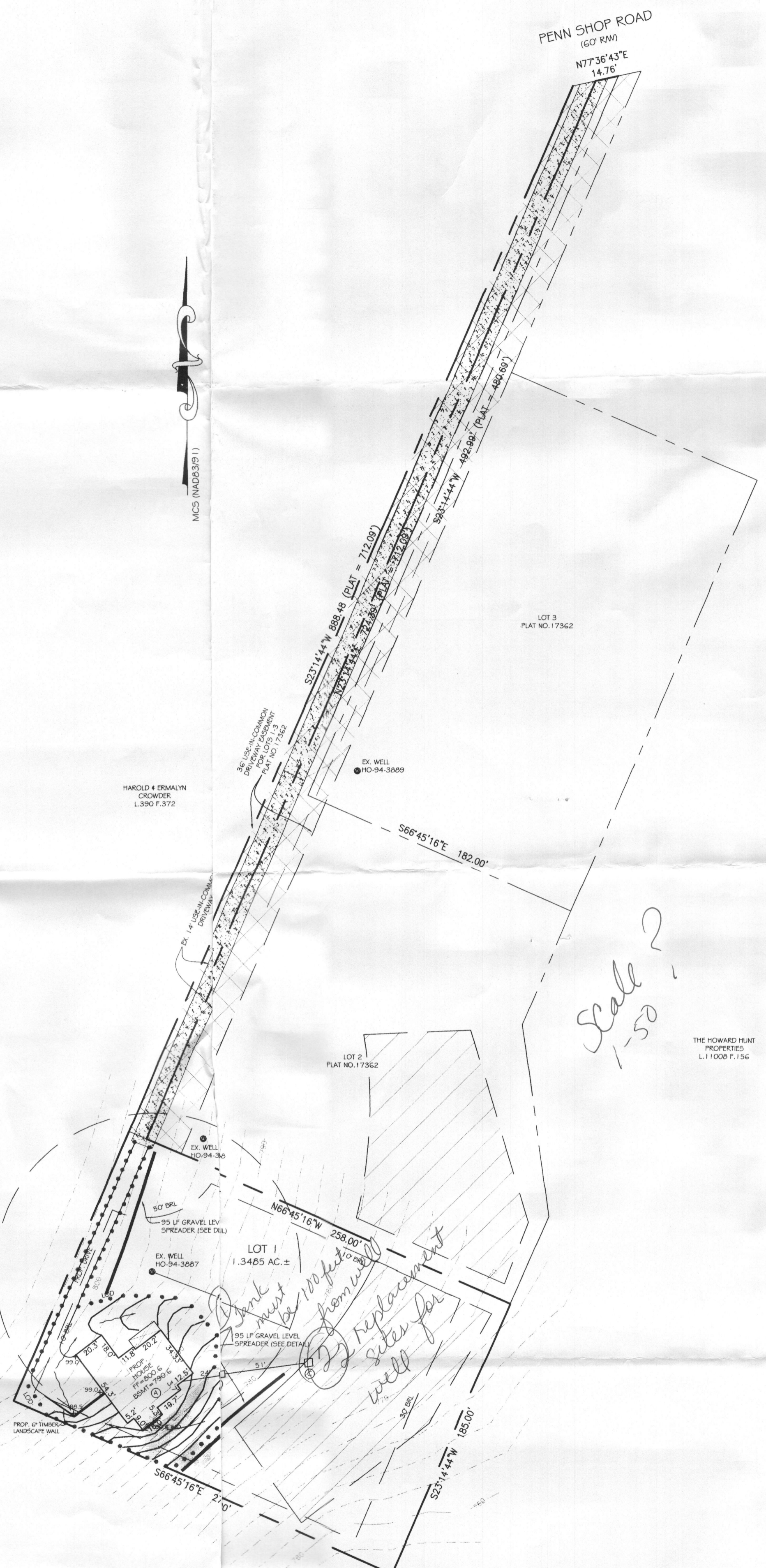
ISSUED BY: JEFF WILLIAMS ISSUE DATE: 12/11/12 EXPIRATION DATE: 12/11/13

- 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.**



HOUSE DETAIL  
SCALE: 1" = 30'

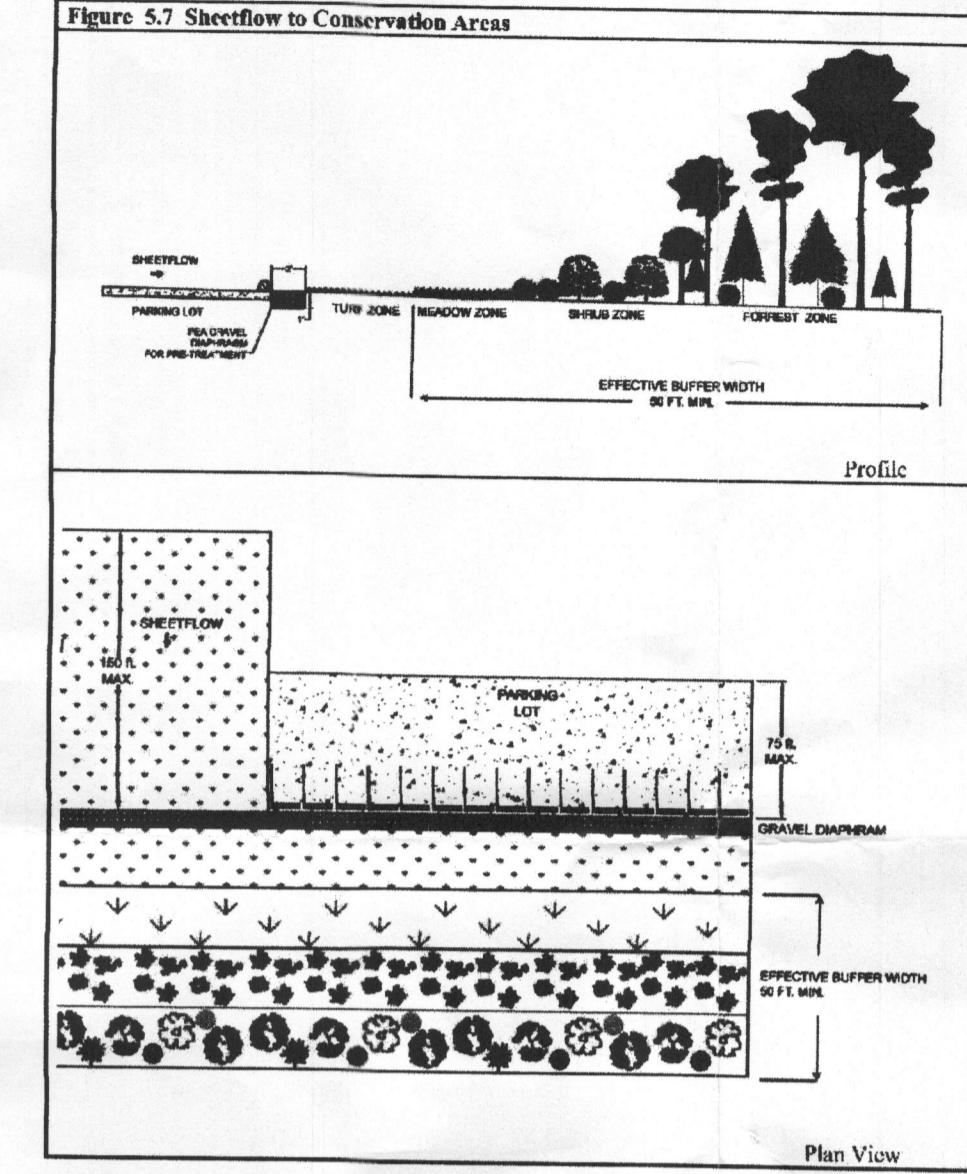


*Scale 1" = 50'*

HAROLD & FRANKLIN  
CROKERS  
L3907.372

THE HOWARD HUNT  
PROPERTIES  
L11008 F.156

*Drunk must be replaced  
with new well  
sites for well*

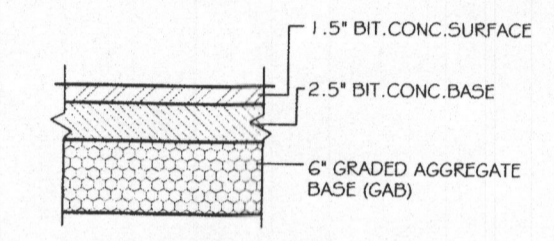
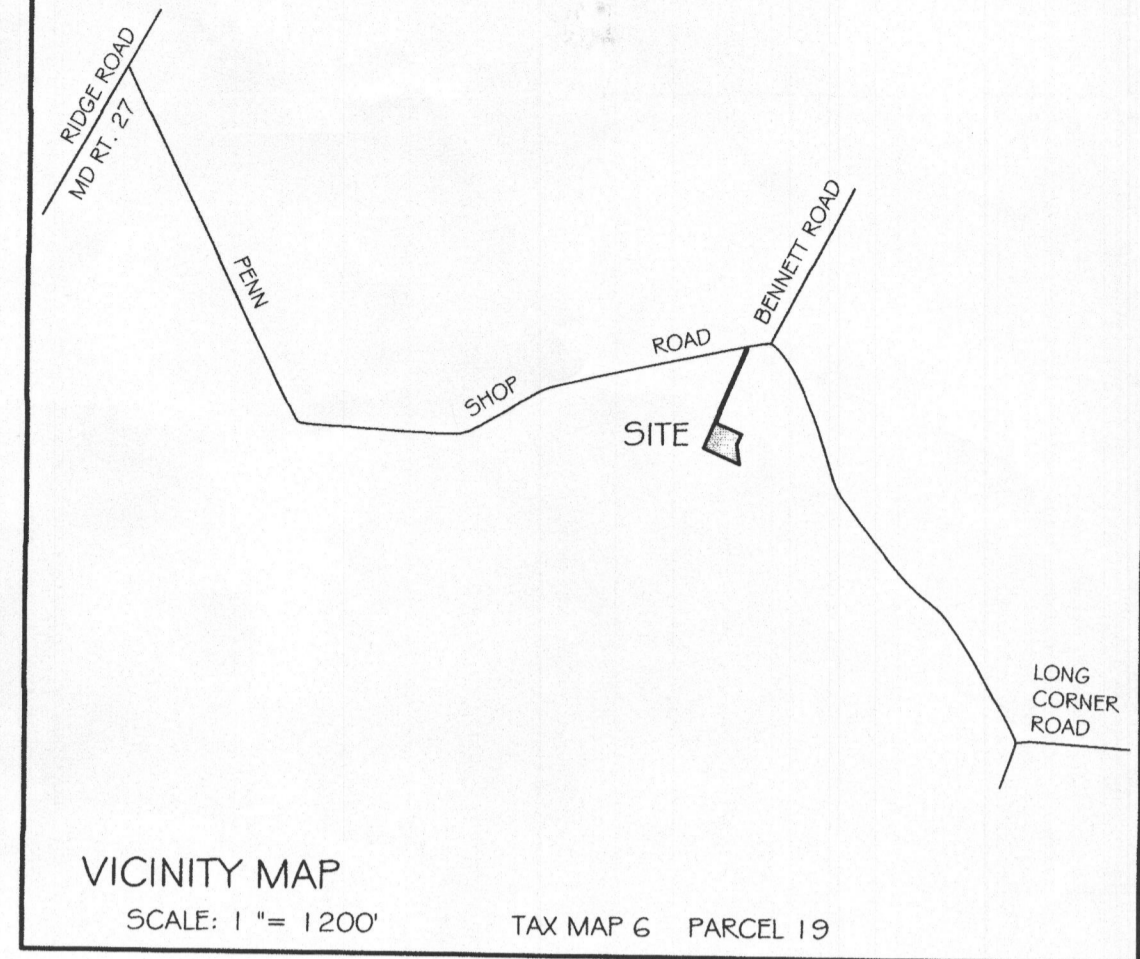


Supp. 1 5.68

STORM WATER MANAGEMENT NOTES:

- Proposed Impervious:
- Driveway = 1,608 s.f.
- Prop. Parking Pad = 803 s.f.
- Prop. House = 2,580 s.f.
- Total Area = 4,991 s.f.

SWM requirements will be met by utilizing the sheetflow to buffer credit for all proposed impervious areas. Level spreaders in the form of 2.0' wide by 1.0' deep, stone trenches will be required along the upper boundary of the septic area and along the lower side of the driveway.



PAVING SECTION  
(N.T.S.)

SEPTIC ELEVATIONS

- A) PROPOSED HOUSE:  
F.F. ELEV. = 800.6  
BSMT. ELEV. = 790.6  
GARAGE ELEV. = 799.3  
INV. OUT = 779.6
- B) PROPOSED SEPTIC TANK:  
EX GRD. ELEV. = 784.0  
PROP. GRD. ELEV. = 784.0  
INV. IN = 779.0  
INV. OUT = 776.8
- C) PROPOSED DISTRIBUTION BOX:  
EX GRD. ELEV. = 777.0  
INV. IN = 776.2  
INV. OUT = 776.0

OWNER/DEVELOPER  
FORTY WEST GROUP, INC.  
3230 BETHANY LANE  
SUITE 1  
ELICOTT CITY, MD 21042  
410-418-8900

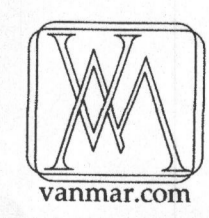
NOTES:

- 1) The basis of bearings for this drawing is the Maryland Coordinate System, NAD83/91, per Plat No. 17362.
- 2) Contours shown hereon are from a Boundary and Topographic Survey by Fisher, Collins & Carter, Inc. dated February 2006 (2' interval), supplemented with field-run topo by VanMar Assoc., Inc. in 2/10. Vertical datum is NAVD83.
- 3) Actual length and number of trenches for sewerage to be determined at time of septic system permit issuance.
- 4) Proposed house is 4 bedrooms.
- 5) Limits of disturbance (LOD): 11,193 Sq. Ft.
- 6) The existing well shown hereon (HO-94-3887) was field located by VanMar Assoc., Inc. and is accurately shown.
- 7) Denotes 25% slopes.

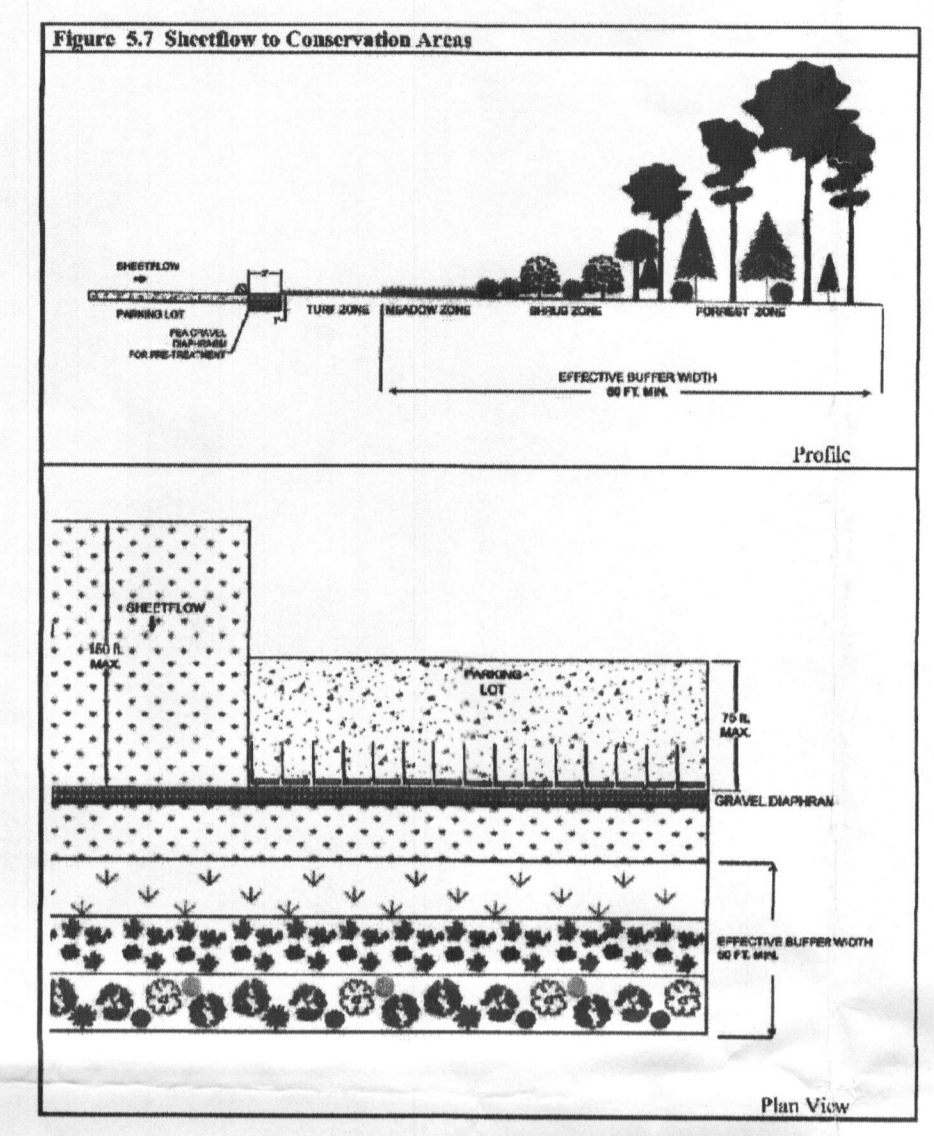
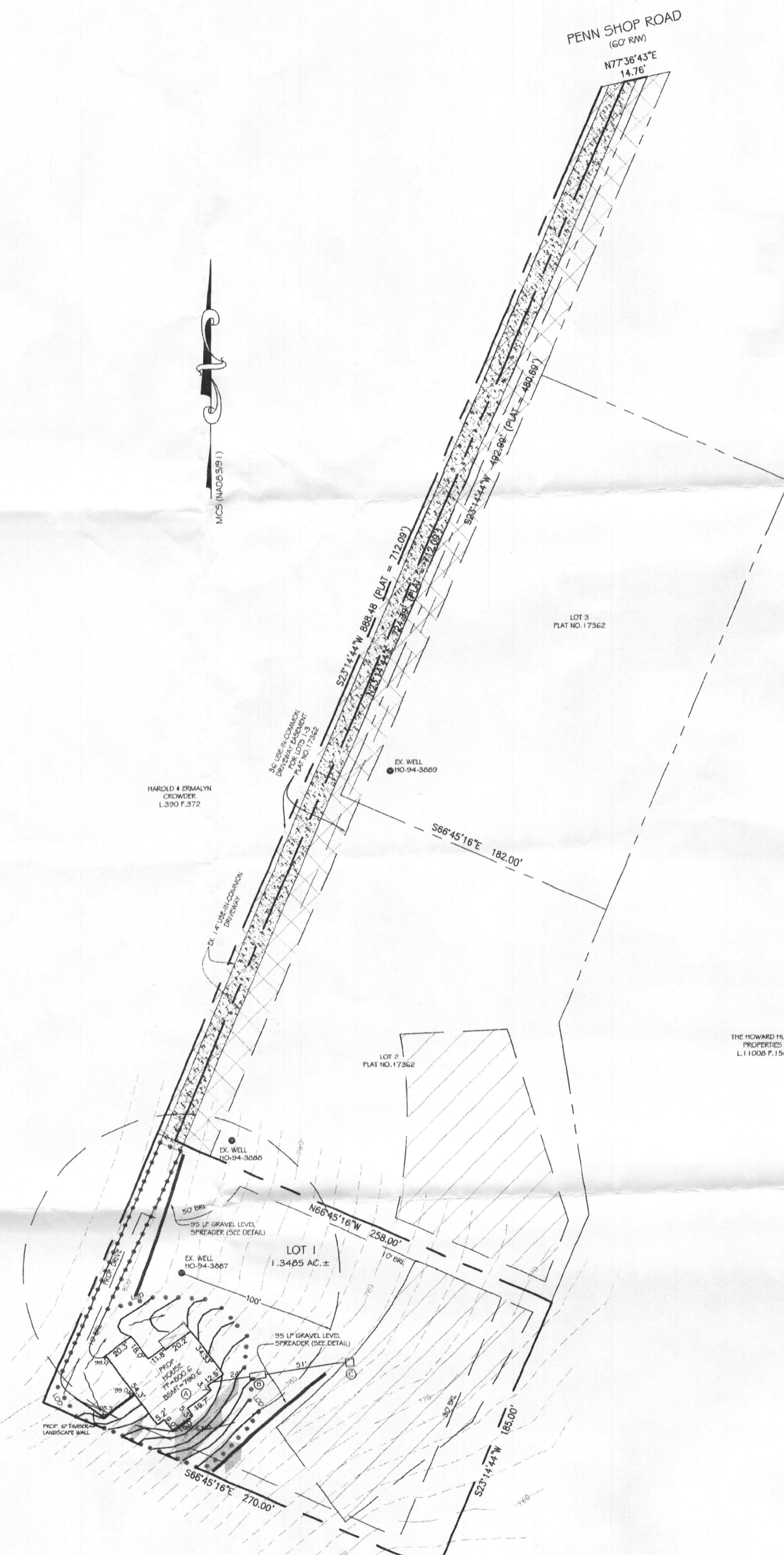
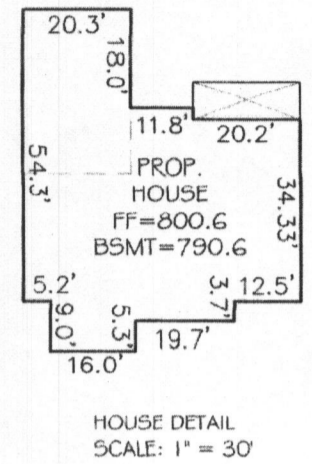
RECORDED AS PLAT NO. 17362 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

DATE	REVISIONS

PLOT PLAN  
LOT 1  
**JEFF HARRISON PROPERTY**  
SITUATED ON PENN SHOP ROAD  
FOURTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 50' NOVEMBER 2010



**VANMAR ASSOCIATES, INC.**  
Engineers Surveyors Planners  
310 South Main Street Mount Airy, Maryland 21771  
(301) 829-2890 (301) 831-5015 (410) 549-2751  
Fax (301) 831-5603 ©Copyright, Latest Date Shown

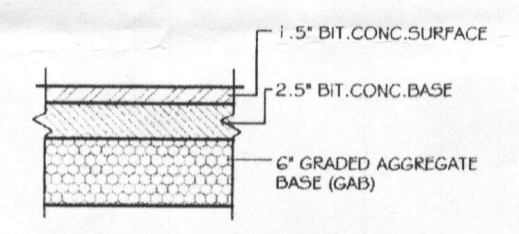


Supp. 1 5.68

STORM WATER MANAGEMENT NOTES:

Proposed Impervious:	
Driveway	= 1,996 s.f.
Prop. Parking Pad	= 803 s.f.
Prop. House	= 2,580 s.f.
Total Area	= 5,379 s.f.

SWM requirements will be met by utilizing the shearflow to buffer credit for all proposed impervious areas. Level spreaders in the form of 2.0' wide by 1.0' deep, stone trenches will be required along the upper boundary of the septic area and along the lower side of the driveway.



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