



**VICINITY MAP**  
 SCALE: 1"=2000'  
 HOWARD COUNTY ADC MAP 4935 K7

**GEODETIC SURVEY CONTROLS**  
 Sta. 43ED N 548,525.031 E 1,376,022.978 El.: 210.200 (feet)  
 Sta. 36F1 N 545,288.256 E 1,377,580.361 El.: 192.103 (feet)

**LEGEND**

Existing Contours	---
Proposed Contours	---(C)---
Proposed Spot Elev.	350.0
Soils Line	---
Limit of Disturbance	---(LOD)---
Super Silt Fence	---(SSF)---
15% or more slopes	[Hatched Pattern]
25% or more Slopes	[Cross-hatched Pattern]
Ex. Underground Electric Line	---(E)---
Ex. Underground Gas Line	---(GAS)---
Property Boundary	---
Existing Trees to Remain	[Tree Symbol]
Existing Water Main	---(W)---
Existing Sewer Main	---(S)---
Stabilized Construction Entrance	[Gate Symbol]
Temporary Swale	---(5)---
SWM Drainage Area No.	5
Stormwater Drainage Area Line	---
Stormdrain/Underdrain Pipe	---
SWM Non-rooftop disconnect	---

**LEGEND**

①	STORM DRAIN MANHOLE
②	SANITARY MANHOLE
③	FIRE HYDRANT
④	FIRE HYDRANT (SIAMENSE)
⑤	WATER VALVE
⑥	ELECTRIC JUNCTION BOX
⑦	UTILITY POLE
⑧	DECIDUOUS TREE
⑨	CONIFEROUS TREE
⑩	BUSH
⑪	MAIL BOX
⑫	SIGN

**GENERAL NOTES**

1. Subject Property is Zoned M-2 per 10/6/13 Comprehensive Zoning Plan.
2. Total Area of Properties: 11.25 ac.±
3. There are no Historic Structures or Cemeteries on-site.
4. This Property is Subject to the Amended 5th Edition of the Howard County Subdivision and Land Development Regulations.
5. Field Run Boundary and Topography by FSH Associates in July of 2014.
6. Field work for wetlands and specimen trees by Exploration Research completed in July of 2014.
7. Additional file numbers: SDP-88-154, GP-15-037 (for LB Smith), WP-15-074.
8. Forest Conservation will be addressed at the SDP stage.

**SITE ANALYSIS DATA CHART**

- |    |  |
|----|--|
| A. | Site area: 11.25 ac.±                  |
| B. | Stream buffer area: 0.460 ac.±         |
| C. | 100-Year Floodplain area: 0.754 ac.±   |
| D. | Existing Forest area: 9.06 ac.±        |
| E. | Slopes >5% area: 1.046 ac.±            |
| F. | Erodible soils area: 0.389 ac.±        |
| G. | Limit of disturbance area: 6.520 ac.±  |
| H. | Proposed site uses: gravel storage lot |
| I. | Green open area: N/A                   |
| J. | Proposed impervious area: 3.922 ac.±   |
| K. | Wetland area: 0.231 ac.±               |
| L. | Wetland Buffer area: 0.721 ac.±        |

**SWM SUMMARY**

Area = 283,823 sq.ft.± (LOD) = 6.52 ac.±  
 Target Pe = 1.9"  
 Target RCN = 62  
 Target ESDv = 26,531 cu.ft.±  
 ESDv provided using Micro-Bio-Retention Facilities (M-6) = 25,737 cu.ft.±  
 ESDv provided using disconnection of non-rooftop runoff (N-2) = 310 cu.ft.±  
 ESDv provided through Sheetflow to Conservation Area (N-3) = 556 cu.ft.±  
 Total ESDv Provided = 26,603 cu.ft.±  
 Pe Provided = 1.9"  
 RCN Provided = 62

**SWM DESIGN/CONCEPT NARRATIVE**

The purpose of this plan is to create level gravel areas for the outdoor storage of equipment. All disturbances occur outside the natural resource areas consisting of the 100-year Floodplain, wetlands, wetland buffer, stream buffer and future forest conservation area. Stormwater (SWM) has been achieved through the use of micro-bioretenation facilities (M-6), the disconnection of non-rooftop runoff (N-2) and the sheetflow to conservation area (N-3) environmental site design (ESD) practices. The natural flow patterns have been maintained. The proposed gravel areas were considered impervious for SWM computations; no other impervious areas are proposed.

**PROFESSIONAL CERTIFICATION**

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. #34689, Expiration Date: 7/08/2015.

**OWNER/DEVELOPER**  
 GAULIN PROPERTIES, LLC and  
 7354 MONTEVIDEO ROAD, LLC  
 c/o Mr. Mark Gaulin  
 7340 Montevideo Road  
 Jessup, Maryland 20794  
 Telephone: (443) 733-1020  
 Fax: (410) 799-2724

**ENVIRONMENTAL CONCEPT PLAN**  
**7354 MONTEVIDEO ROAD**  
**AND**  
**7430 MONTEVIDEO ROAD (SDP-88-154)**  
 TAX MAP 43 GRIDS 10 & 16 PARCELS 85 & 87  
 1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**FSH Associates**  
 Engineers Planners Surveyors  
 6339 Howard Lane, Elkridge, MD 21075  
 Tel: 410-567-5200 Fax: 410-798-1582  
 E-mail: info@fsher.com

DESIGN BY: MLT  
 DRAWN BY: CRH2  
 CHECKED BY: ZYF  
 SCALE: 1"=50'  
 DATE: Dec. 19, 2014  
 W.O. No.: 3910  
 SHEET No.: 1 OF 1

NOTE: Approval of this ECP does not constitute an approval of any subsequent and associated subdivision plat and/or site development plan and/or plan revisions. Review of this project for compliance with the Howard County Subdivision and Land Development Regulations and the Howard County Zoning Regulations shall occur at the subdivision plat and/or site development plan stages and/or plan revision process. The applicant and consultant should expect additional and more detailed review comments (including comments that may alter the overall site design) as this project progresses through the plan review process.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*Chad Edman* 2-23-15  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

*Kate Pulone* 2-17-15  
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

**SOILS LEGEND**

SYMBOL	NAME / DESCRIPTION	K FACTOR	SOIL GROUP
Fa	Fallsington sandy loam, 0 to 2 percent slopes	0.02	D
RuB	Russett and Beltsville soils, 2 to 5 percent slopes	0.37	C
RuC	Russett and Beltsville soils, 5 to 10 percent slopes	0.24	C
SaC	Sassafras loam, 5 to 10 percent slopes	0.24	B
SrC	Sassafras and Croom soils, 5 to 10 percent slopes	0.26	B
UFA	Urban land-Fallsington complex, 0 to 2 percent slopes	NA	D
ULD	Urban land-Udorthentis complex, 0 to 15 percent slopes	NA	D

**PLAN**  
 SCALE: 1"=50'