

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. 17942, EXP DATE 9/3/12.

OWNER/DEVELOPER

DORSEY FAMILY HOMES

10717 BIRMINGHAM WAY SUITE B

WOODSTOCK, MARYLAND 21163

410-465-7200

CHIEF, DEVELOPMENT ENGINEERING DIVISION

CHIEF, DIVISION OF LAND DEVELOPMENT

APPROVED: DEPARTMENT OF PLANNING AND ZONING

SWM PRACTICES SCHEDULE

LOT #	PROPOSED PRACTICES
1	NON-ROOFTOP DISCONNECTION ROOFTOP DISCONNECTION RAINGARGEN
2	NON-ROOFTOP DISCONNECTION ROOFTOP DISCONNECTION
3	NON-ROOFTOP DISCONNECTION ROOFTOP DISCONNECTION
4	NON-ROOFTOP DISCONNECTION ROOFTOP DISCONNECTION

LAND DEVELOPMENT REGULATIONS BY UTILIZING A SHARE DRIVEWAY AND

6. IN DESIGNING THIS PROJECT AND AFTER WE PLANNED THE PROJECT TO

7. THERE ARE NO DESIGN MANUAL WAIVERS PLANNED FOR THIS SITE IN

MINIMIZE IMPERVIOUS AREAS, WE UTILIZED ESD MEASURES IN THE FOLLOWING

MINIMIZING EARTH DISTURBANCE.

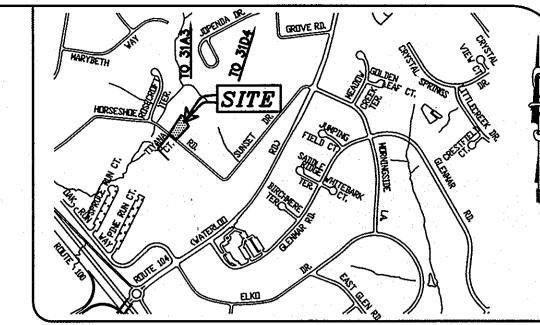
A. DISCONNECTION OF ROOFTOP.

C. MICRO-SCALE PRACTICES.

B. DISCONNECTION OF NON-ROOFTOP.

REGARD TO ENVIRONMENTAL DISTURBANCES.

ORDER OF PREFERENCE:



VICINITY MAP SCALE 1"=2000' ADC MAP 4936 B-4

NOTES

SITE ANALYSIS DATA: LOCATION: TAX MAP: 31 PARCEL: 299 ELECTION DISTRICT : SECOND ZONING: R-20 TOTAL AREA: 2.12 AC.± LIMIT OF DISTURBED AREA: 1.91 AC.± PROPOSED USE FOR SITE: RESIDENTIAL. TOTAL NUMBER OF UNITS: 4 TYPE OF PROPOSED UNIT: SFD DEED REFERENCE: 258/60

2. HORIZONTAL AND VERTICAL DATUMS ARE RELATED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM AS PROJECTED FROM HOWARD COUNTY CONTROL STATIONS NO. 31A3 & 31D4 N 573,217.915 E 1,368237.725 EL. 486.869 STA. No. 31A3 N 571,700.703 E 1,369,606.351 EL. 494.406 STA. No. 31D4

- 3. THIS PLAN IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS (COUNCIL BILL 45-2003). DEVELOPMENT OR CONSTRUCTION OF THESE LOTS MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, WAIVER PETITION OR
- 4. SITE DEVELOPMENT PLAN APPROVAL BY THE DEPARTMENT OF PLANNING AND ZONING IS REQUIRED PRIOR TO BUILDING PERMITS BEING ISSUED FOR THE CONSTRUCTION OF
- DEVELOPMENT OF SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. THE DEVELOPERS OF THIS PROJECT SHALL CREATE COMPATIBILITY WITH THE EXISTING NEIGHBORHOOD THROUGH THE USE OF ENHANCED PERIMETER LANDSCAPING, BERMS, FENCES, SIMILAR HOUSING UNIT TYPES AND THE DIRECTIONAL ORIENTATION OF THE PROPOSED HOUSES.
- 6. PROJECT BOUNDARY IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT JANUARY, 2011 BY MILDENBERG, BOENDER AND ASSOC, INC.
- ON OR ABOUT JANUARY, 2000 BY MILDENBERG, BOENDER AND ASSOC., INC.
- 8. FOREST CONSERVATION OBLIGATIONS IN ACCORDANCE WITH SECTION 16.1200 OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION ACT FOR THIS SUBDIVISION WILL BE FULFILLED BY PAYMENT OF A FEE-IN-LIEU OF 0.36 ACRES (15,682 SQ.FT.) OF AFFORESTATION
- 10. NO FOREST STAND OR WETLAND EXISTS ON SITE AS CERTIFIED BY ECO SCIENCE
- 11. NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, OR PLACEMENT OF NEW PAVING OR STRUCTURES IS PERMITTED WITHIN THE LIMITS OF WETLANDS, STREAM(S), OR THEIR BUFFERS,
- REMOVAL OF 3 SPECIMEN TREES WHICH WILL REQUIRE REPLACEMENT MITIGATION AT A RATIO OF 2 LARGER CALIPER TREES (4"DBH MIN.) FOR EACH SPECIMEN TREE REMOVED.

SITE ANALYSIS DATA

- 3. AREA OF FLOODPLAIN = 0
- 4. AREA OF STREAM BUFFER = $0.15\pm$ ACRES
- 5. AREA OF STEEP SLOPES =0
- 7. TOTAL ENVIRONMENTAL SENSITIVE AREA 0.15 ±ACRES
- 8. DEVELOPABLE AREA (LOD)= 1.91 ±ACRES
- 9. NO ERODABLE SOILS EXIST ON SITE.
- 10. ONE SINGLE FAMILY DETACHED DWELLING PER LOT IS PROPOSED.
- 11. DUE TO THE SMALL SIZE OF THE PROJECT AND IN ACCORDANCE WITH HOWARD COUNTY REGULATIONS, FEE IN LIEU OF OPEN SPACE WILL BE PAID. HOWARD COUNTY WILL USE THAT FEE TO BETTER IMPLEMENT OPEN SPACE AREAS WITHIN THE COUNTY.
- 12. PROPOSED IMPERVIOUS AREAS WERE ANALYZED FOR EACH LOT INDIVIDUALLY. LOT 1 HAD LESS THAN 25% OF IMPERVIOUS AREA, WHILE LOTS 2 AND 3 HAD LESS THAN 15% AND LOT 4 HAD ABOUT 20% OF IMPERVIOUS AREA.

BUILDING/GRADING PERMIT.

RESIDENTIAL DWELLINGS ON THESE LOTS.

5. THIS DEVELOPMENT IS DESIGNED TO BE IN ACCORDANCE WITH 16.127 RESIDENTIAL INFILL

7. TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY PERFORMED

IN THE AMOUNT OF \$11,761.12 TO THE FOREST CONSERVATION FUND.

9. THIS SITE IS NOT LOCATED IN A HISTORIC DISTRICT.

IN A WETLAND CERTIFICATION LETTER DATED JANUARY, 2011.

FOREST CONSERVATION EASEMENT AREAS AND 100-YEAR FLOODPLAIN.

12. WP-11-156 WAS APPROVED ON APRIL 26, 2011. WAIVING SECTION 16.1205(a)(7) TO ALLOW THE

1. AREA OF THE SITE = $2.12 \pm ACRE$

2. AREA OF WETLAND BUFFERS = 0

6. AREA OF FOREST = 0

ECP-11-043

MILDENBERG BOENDER &

SH LOTS X MAP

1 OF 1