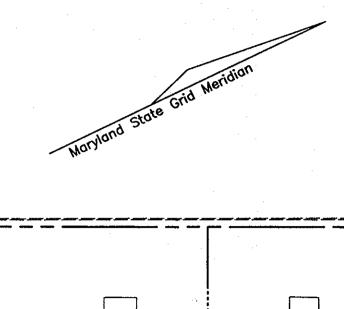
GENERAL NOTES AREA OF SITE: 18,007 SF (0.41 AC.) AREA OF WETLAND AND BUFFERS: 0 SF (0.00 AC.) AREA OF FLOODPLAIN AND BUFFERS: 0 SF (0.00 AC.) AREA OF FORESTS: 6,524 SF (0.15 AC.) AREA OF STEEP SLOPES (15% OR GREATER): 773 SF (0.02 AC.) AREA OF ERODIBLE SOILS: 0 SF (0.00 AC.) LIMIT OF DISTURBED AREA: 11,010 SF (0.25 AC.) PROPOSED SITE USE: SINGLE FAMILY DETATCHED RESIDENTIAL GREEN OPEN AREA: 14,429 SF (0.33 AC.) PROPOSED IMPERVIOUS AREA: 3,578 SF (0.08 AC.) CUT: 300 CY FILL: 300 CY

ENVIRONMENTAL CONCEPT PLAN SWARTZ SUBDIVISION

DEED REF. L. 13408 / F. 00002

EX. HOUSE



OWNER/DEVELOPER SD PROPERTIES 3138 ROGERS AVENUE

ELLICOTT CITY, MD 21043 410-203-2460 ATTN: MR. DOUG CHAMBERLAIN

VICINITY MAP SCALE: 1"=2000"

ADC MAP COORDINATE: PG. 4815 C2

BENCHMARKS

N 595410.83 E 1351641.11 ELEV.: 481.24

N 594529.53 E 1352722.59 ELEV.: 475.22

HOWARD COUNTY BENCHMARK 17DA

HOWARD COUNTY BENCHMARK 17DB

ENVIRONMENTAL CONCEPT PLAN

COVER SHEET

SWARTZ SUBDIVISION

DEED REF. L.13408/F.00002 DPZ REF'S: PLAT #9709, F-91-26, CONT. 24-1826-D



ROBERT H. VOGEL ENGINEERING, INC. ENGINEERS • SURVEYORS • PLANNERS 8407 MAIN STREET TEL: 410.461.7666 ELLICOTT CITY, MD 21043 FAX: 410.461.8961

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

PROJECT BACKGROUND:

OJECT BACKGROUND:
LOCATION: ELLICOTT CITY, MD; TAX MAP 17, BLOCK 8, PARCEL 21, LOT 3
ZONING: R-20
SUBDIVISION: SWARTZ SUBDIVISION
SECTION/AREA: N/A
DPZ REFERENCES: PLAT #9709, F-91-26, CONT. 24-1826-D

A NOISE STUDY IS NOT REQUIRED FOR THIS PROJECT. PUBLIC WATER AVAILABLE THROUGH CONTRACT #24-1826-D.
PUBLIC SEWER AVAILABLE THROUGH CONTRACT #24-1826-D. TRAFFIC IMPACT STUDY IS NOT REQUIRED FOR THIS PROJECT

THERE IS NO FLOODPLAIN LOCATED ON LOT 3.

THERE ARE NO WETLANDS LOCATED ON LOT 3.

THIS SITE IS NOT LOCATED IN A HISTORIC DISTRICT.

NO ENVIRONMENTAL FEATURES EXIST WITHIN THE LOD.

19. SUNSET FARM ROAD IS NOT A SCENIC ROAD.

IN ACCORDANCE WITH CHECKLIST ITEM III.K.

SEDIMENT AND EROSION CONTROL WILL BE PROVIDED FOR THIS SITE.

THE EXISTING TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD TOPOGRAPHICAL SURVEY WITH TWO FOOT CONTOUR INTERVALS PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC.; DATED OCTOBER 10, 2012.

THE PROPERTY LINES SHOWN HEREON ARE BASED ON EXISTING DEED INFORMATION AND HOWARD COUNTY GIS.

THIS PLAN IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.

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 BUILDING AND GRADING PERMITS.

NO GRADING, REMOVAL OR VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN
THE LIMITS OF WETLANDS, STREAM(S), OR THEIR REQUIRED BUFFERS, FLOODPLAIN AND FOREST CONSERVATION EASEMENT AREAS.

THE SUBJECT PROPERTY IS ZONED R-20 PER THE 02/02/04 COMPREHENSIVE ZONING PLAN AND THE COMP LITE ZONING

THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL, WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENTS 17DA AND 17DB WERE USED FOR THIS PROJECT.

TO THE BEST OF THE OWNERS KNOWLEDGE, THERE ARE NO HISTORIC STRUCTURES, CEMETERIES OR GRAVE SITES LOCATED ON THE SUBJECT PROPERTY.

THIS PROJECT IS EXEMPT FROM THE REQUIREMENTS OF SECTION 16.1202(b)(iv) OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BECAUSE THE TOTAL LOT SIZE IS LESS THAN 40,000 SQUARE FEET.

STORM WATER MANAGEMENT TO BE PROVIDED FOR THIS DEVELOPMENT BY ENVIRONMENTAL SITE DESIGN UTILIZING ROOFTOP AND NON-ROOFTOP DISCONNECTION.

NO RARE, THREATENED, ENDANGERED SPECIES OR CRITICAL HABITAT WERE OBSERVED ON THE PROPERTY.

D. APPROVAL OF THIS ECP DOES NOT CONSTITUTE APPROVAL OF ANY SUBSEQUENT OR ASSOCIATED SUBDIVISION OR SITE DEVELOPMENT PLAN. REVIEW OF THIS PROJECT FOR COMPLIANCE WITH THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND HOWARD COUNTY ZONING REGULATIONS SHALL OCCUR AT THE SUBDIVISION AND SITE PLAN STAGES. THEREFORE, THE APPLICANT AND CONSULTANT SHOULD EXPECT ADDITIONAL AND MORE DETAILED COMMENTS, INCLUDING THOSE THAT MAY ALTER OVERALL SITE DESIGN AS THE PROJECT PROGRESSES.

ENVIRONMENTAL SITE DESIGN NARRATIVE:

THERE ARE NO NATURAL AREAS ON THE PROJECT SITE.

NO DISTURBANCE TO A STREAM OR WETLAND OR THEIR WOODED RESOURCES IS PROPOSED.

NO DRAMATIC DISTURBANCE TO THE NATURAL DRAINAGE PATTERNS ARE PROPOSED, PLEASE REFER TO THE PROPOSED GRADING, SHEET 2.

THE CONCEPTUAL DESIGN SHOWN HEREON PROVIDES THE "REDUCTION IN IMPERVIOUS AREA THROUGH BETTER SITE DESIGN, ALTERNATIVE SURFACES AND NON STRUCTURAL PRACTICES" TO THE EXTENT PRACTICAL. THE SITE DESIGN INCORPORATES THE USE OF NON ROOFTOP DISCONNECTION (N-2). OTHER PRACTICES, THOUGH NOT NON-STRUCTURAL INCLUDE THE USE OF DRY WELLS (M-5) TO ACHIEVE THE REQUIRED ESDV.

SEDIMENT CONTROL FOR THIS SPECIFIC SITE PLAN WILL BE PROVIDED THROUGH THE USE A PROPOSED SILT FENCE PERIMETER CONTROLS AROUND THE PROPOSED DISTURBED AREAS. SEDIMENT CONTROL SHALL BE IN ACCORDANCE WITH CURRENT REQUIREMENTS AND SHALL BE APPROVED BY THE HOWARD SOIL CONSERVATION DISTRICT.

2. IMPLEMENTATION OF THE ESD PLANNING TECHNIQUES AND PRACTICES TO THE MAXIMUM EXTENT PRACTICABLE HAVE BEEN ACHIEVED BY MEETING THE REQUIRED ESD.

3. ANY DESIGN MANUAL AND WAVER PETITIONS FOR ENVIRONMENTAL AND STORMWATER DESIGN SHALL BE SUBMITTED UNDER THE SITE DEVELOPMENT PLAN STAGE. HOWEVER IT SHOULD BE NOTED WE DO NOT ANTICIPATE THE NEED FOR ANY WAIVERS

STORMWATER MANAGEMENT FOR THE PROJECT SHALL BE MET FOR THE REQUIRED P = 1.8" THROUGH THE USE OF DRY WELLS (M-5) FACILITIES AND NON ROOFTOP DISCONNECTION (N-2). THE RESULTS OF THE ENVIRONMENTAL SITE DESIGN FOR THIS PROJECT WILL REFLECT "WOODS

1. ALL ITEMS LISTED IN SECTION II.C.1.A HAVE BEEN INCLUDED IN THE GENERAL NOTES

4. NO WAIVER PETITIONS FOR ENVIRONMENTAL DISTURBANCE OR ENCROACHMENTS ARE REQUIRED.

IN GOOD CONDITION" TO THE MAXIMUM EXTENT PRACTICABLE.

EX. HOUSE EX. HOUSE EX. HOUSE JANE M. MULLER MARIANNE FLAGGS
ALAN FLAGGS
TM: 17 PARCEL: 613
MARK KLEIN PROP.
LOT 4
PLAT: 10423
ZONED: R-20 TM: 17 PARCEL: 613 MARK KLEIN PROP. LOT 3 PLAT: 10092 ZONED: R-20

> ADDRESS CHART STREET ADDRESS SUNSET FARM ROAD LOT 3/PARCEL 21 SUBDIVISION NAME LOT/PARCEL NUMBER SWARTZ SUBDIVISION LOT 3/PARCEL 21 CENSUS TR. PLAT OR L/F | GRID NO. | ZONING TAX MAP NO. | ELECT. DIST. |

LEGEND

RIGHT-OF-WAY LINE

SHEET INDEX	
DESCRIPTION	SHEET NO.
COVER SHEET	1 OF 2
SITE LAYOUT, GRADING & SOIL EROSION AND SEDIMENT CONTROL PLA	N 2 OF 2

HOWARD COUNTY, MARYLAND

