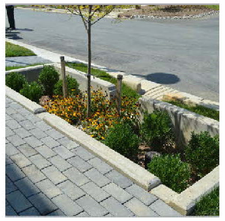
DESIGN GOALS AND OBJECTIVES

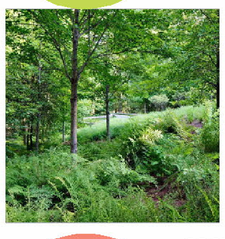
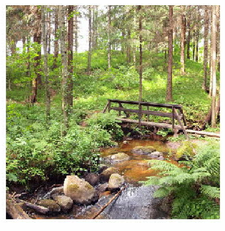
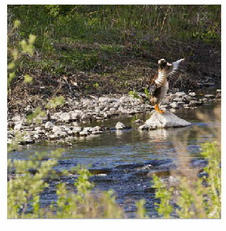
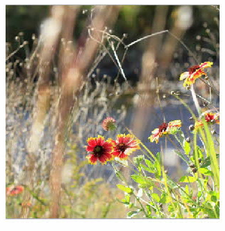
WATER: CONSERVE WATER & IMPROVE WATER QUALITY

- USE NATIVE AND ADAPTED PLANTS TO REDUCE NEED FOR IRRIGATION
- CAPTURE MAJORITY OF RAINWATER IN ESD FACILITIES
- PROVIDE VEGETATED BUFFERS BETWEEN DEVELOPED AND WATER BODIES
- MINIMIZE IMPERVIOUS AREAS TO NECESSARY CIRCULATION AND GATHERING AREAS



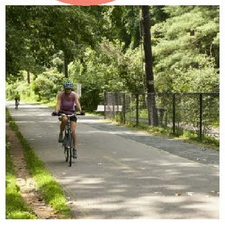
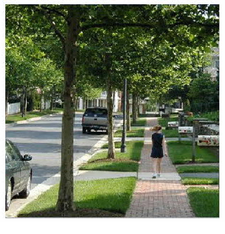
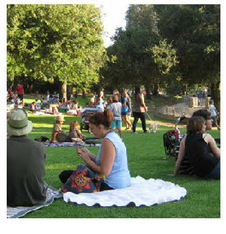
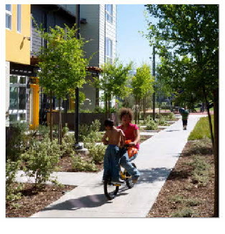
SOILS & VEGETATION: IMPROVE SOIL FUNCTION INCREASE BIODIVERSITY & BIOMASS

- NATURALIZE ENVIRONMENTALLY SENSITIVE AREAS
- REPLACE REMOVED AND AUGMENT EXISTING PLANTINGS
- ADD ORGANIC MATERIAL TO PLANTED AREAS
- USE DIVERSE PLANTING PALETTE APPROPRIATE TO SITE

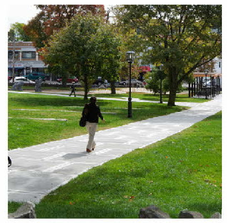
SOCIAL: ENHANCE THE SENSE OF COMMUNITY AND INDIVIDUAL WELL-BEING

- PROVIDE GATHERING AREAS AND OPEN SPACES FOR INTERACTION
- CONNECT TO SURROUNDING NEIGHBORHOODS WITH SIDEWALKS AND TRAILS
- PROVIDE OPPORTUNITIES FOR RECREATION AND RELAXATION
- ENHANCE VISIBILITY OF NATURAL FEATURES

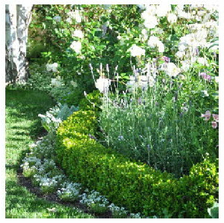
MATERIALS: USE CONTEXT-APPROPRIATE PAVINGS, FURNISHINGS, AND FIXTURES

- USE MATERIALS THAT CONTAIN RECYCLED AND REUSED MATERIALS
- USE MATERIALS THAT MINIMIZE HEAT-ISLAND ISSUES
- MINIMIZE MATERIALS TO THOSE NECESSARY FOR FUNCTION TO REDUCE IMPACTS
- SOURCE MATERIALS LOCALLY AS POSSIBLE



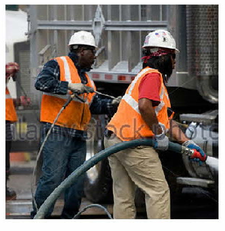
OPERATIONS & MANAGEMENT: DESIGN A PROJECT THAT CAN BE EASILY MAINTAINED TO CONTINUALLY IMPROVE ITS ECOLOGICAL SERVICE OVER TIME

- USE LOW-MAINTENANCE PLANTING REQUIRING MINIMAL CARE AND IRRIGATION
- AVOID LARGE AREAS OF NON-FUNCTIONAL LAWN OR LANDSCAPE REQUIRING REGULAR MOWING OR TRIMMING



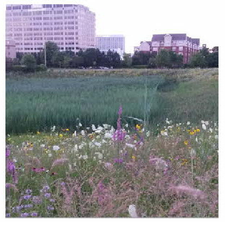
CONSTRUCTION: PROVIDE TREE PRESERVATION AREAS WHERE APPROPRIATE; MINIMIZE IMPACTS OF CONSTRUCTION ON AIR AND WATER QUALITY

- ESTABLISH TREE-SAVE AREAS WHEREVER POSSIBLE
- INSTALL PROPER SEDIMENT AND EROSION CONTROL MEASURES
- PROVIDE PROPER CONSTRUCTION SITE MEASURES TO REDUCE DUST & OFF-SITE IMPACTS



ENERGY: MINIMIZE ENERGY NEEDS FOR LIGHTING AND MAINTENANCE

- USE FIXTURES WITH REDUCED ENERGY NEEDS, SUCH AS LEDS OR SOLAR
- MINIMIZE AREAS THAT WILL NEED REGULAR MOWING AND TRIMMING TO AREAS NEEDED FOR OPEN SPACE AND RECREATION



NOTE: SCHEMATIC DESIGN FOR ENTITLEMENT ONLY,
NOT FOR CONSTRUCTION OR BIDDING PURPOSES.

LAYOUT: LA-02 DESIGN GOALS & OBJECTIVES, Plotted By: schelin

VIKA
ENGINEERS PLANNERS
LANDSCAPE ARCHITECTS SURVEYORS
VIKA MARYLAND, LLC
20251 CENTURY BOULEVARD SUITE #400
GERMANTOWN, MARYLAND 20874
PHONE: (301) 916-4100
FAX: (301) 916-2262
GERMANTOWN, MD. MCLEAN, VA.

PREPARED FOR:
USL2 MR
MONTGOMERY VILLAGE
BUSINESS TRUST
c/o MONUMENT REALTY
1700 K STREET, NW, SUITE 600
WASHINGTON, DC 20006
202.777.2010
RUSSELL HINES

DESIGN CONSULTANTS

ARCHITECTS
TORTI GALLAS AND PARTNERS, INC
1300 SPRING STREET, SUITE 400
SILVER SPRING, MD 20910
301.588.4800
ERIK J. AULESTIA

ATTORNEY
LERCH, EARLY & BREWER CHTD.
3 BETHESDA METRO CENTER
SUITE 460
BETHESDA, MD 20814
301.841.3832
PATRICIA HARRIS

TRAFFIC ENGINEER
WELLS + ASSOCIATES
8730 GEORGIA AVENUE, SUITE 200
SILVER SPRING, MD 20910
301.448.1333
KEVIN BERGER

LANDSCAPE ARCHITECT
VIKA MARYLAND, LLC
20251 CENTURY BOULEVARD
SUITE 400
GERMANTOWN MD, 20874
301.916.4100
JOSH SLOAN

CIVIL ENGINEER
VIKA MARYLAND, LLC
20251 CENTURY BOULEVARD
SUITE 400
GERMANTOWN MD, 20874
301.916.4100
MIKE GOODMAN

REVISIONS | DATE

PROFESSIONAL SEAL
STATE OF MARYLAND · JOSHUA SLOAN · No. 3776 · LANDSCAPE ARCHITECT

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED, REGISTERED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
NAME: JOSHUA SLOAN, RLA, ASLA
LICENSE NUMBER: 3776
EXPIRATION DATE: MAY 13, 2018

BLOOM MV
AREA I-VI

9TH ELECTION DISTRICT
MONTGOMERY COUNTY, MARYLAND
WSSC GRID: 227NW09
TAX MAP: FU342

SP# 820170130

DESIGN GOALS & OBJECTIVES

DRAWN BY: DLK
DESIGNED BY: DLK - JS - SCM
DATE ISSUED: May 5, 2017

VIKA PROJECT NO. VM1920

DRAWING NO.

SHEET NO. LA-02

Z:\DOCS\VM1920\CAD\SITE\PLOT SHEETS\VM1920_LA-02-03.dwg - June 5, 2017