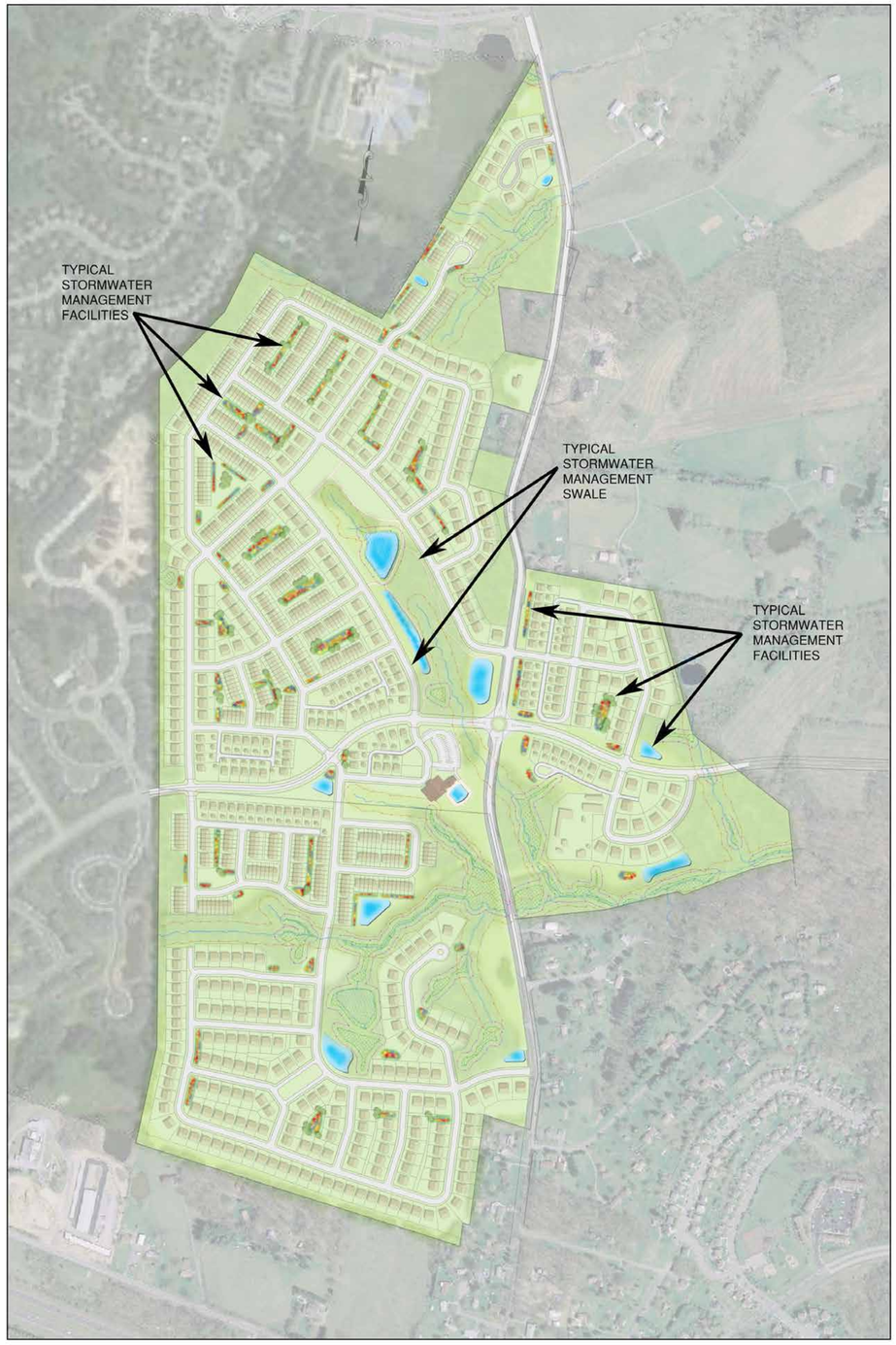



## ENVIRONMENTAL SITE DESIGN / LOW IMPACT DEVELOPMENT PRACTICES

Specific ESD Facilities will be designed at the Preliminary and Improvement Plan stages. Potential practices may include but are not limited to:

### PLANNING TECHNIQUES:

- Preserving and protecting natural resources
- Conserving natural drainage patterns
- Minimizing impervious area
- Using ESD practices to maintain recharge
- Using reinforced turf and alternative surfaces
- Limiting soil disturbances
- Clustering development

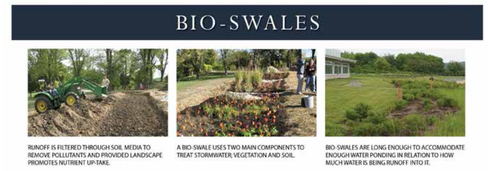
### ESD TREATMENT PRACTICES

- Disconnection of rooftop runoff
- Disconnection of non-rooftop runoff
- Sheetflow to conservation
- Submerged gravel wetlands
- Landscape infiltration
- Infiltration berms
- Dry wells
- Micro-Bioretention
- Rain Gardens
- Swales
- Enhanced Filters

### STRUCTURAL BMP'S

- Ponds
- Wetlands
- Infiltration
- Filtering Systems
- Open Channel





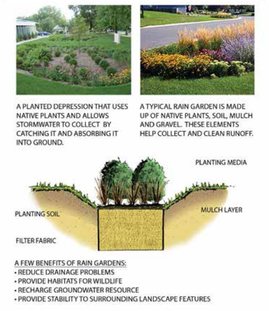






EXHIBIT K

# STORMWATER CONCEPT PLAN

Miller & Smith.
ONE VISIT CAN CHANGE EVERYTHING.

CALUMET

TOWN OF NEW MARKET

FREDERICK COUNTY, MARYLAND

north

Bowman CONSULTING

OCTOBER 1, 2015