**RE: DRAINAGE AREA 2 - REQUIREMENTS ARE MET BY USING THE PERCENT AREA METHOD WITH THE NON-HEADING DISCONNECTION AND DRAIN SYSTEM FROM BUFFER CRESTS.**

**DIAGNOSIS AREA 3a & 3b - REQUIREMENTS ARE MET SIMULTANEOUSLY WHILE TREATING WQ & INFILTRA TION WITH INFILTRATION.**

**DIAGNOSIS AREA 4a, 4b, 4c, 4d, & 4e - REQUIREMENTS ARE MET BY USING A POCKET SAND FILTER DESIGN.**

**CPV - REQUIREMENTS MUST BE MET WITH A DETENTION BASIN FOR AREAS 2 & 3, NO CPV IS REQUIRED FOR DRAINAGE AREA 1.**

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**FACULTY SUMMARY & NOTES**

**FACTOR 1 - INFILTRATION TRENCH WITH PRETREATMENT**

**FACTOR 2 - SEPARATE SURFACE SAND FILTER AND CPV DETENTION BASIN WITH PRETREATMENT**

**FACTOR 3 - SEPARATE INFILTRATION TRENCH AND CPV DETENTION BASIN WITH PRETREATMENT**

SET SHEET 1 - GENERAL NOTE FOR 10 CBM FACILITY comments - MAINTENANCE RESPONSIBILITIES, MAINTENANCE OR SAND FILTERS, PRETREATMENT AND INFILTRATION TRENCHES SHALL BE BUILT BY THE LAND OWNER AND MOODABINE CROSSING.**

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**SEQUENCE OF CONSTRUCTION**

1. **DESIGN**
   - Study all required sourcing, site permits, approvals and certifications required for all aspects of the project.

2. **CONSTRUCTION**
   - Designate Howard County Construction Inspection Division (HCICD) 313-1585 or least five (5) working days prior to starting work.

3. **INSPECTION & TESTING**
   - Conduct completion inspection and provide the HCICD with final inspection reports, signed by all authorized personnel.

**INSPECTION & TESTING**

1. **INSPECTOR**
   - Designate Howard County Construction Inspector Division and Howard County Construction Inspector Division.

2. **INSPECTION**
   - Complete final surface course roadway paving for subdivision road and old predecessor road.

3. **INSPECTION**
   - Upon completion of roadway construction and establishment of the stormwater management facilities, Howard County Construction Inspector Division and Howard County Construction Inspector Division shall be required to provide a final inspection report.

**STORMWATER MANAGEMENT FACILITY**

1. **PRE-PLANNING**
   - Shall be reviewed by Howard County and the Maryland Department of the Environment to ensure proper design and implementation.

2. **PRE-PLANNING**
   - Complete construction documents and submittals for the Howard County Stormwater Management Facility Manual.