

## **Potable Water/Sanitary Sewer/Storm Water Information**

### ***Estimated Quantity of Potable Water Usage***

|                 |               |                 |
|-----------------|---------------|-----------------|
| 1. Hotel:       | 200,000       | Gallons Per Day |
| 2. Residential: | 70,000        | Gallons Per Day |
| 3. Commercial:  | <u>40,000</u> | Gallons Per Day |

Total Estimated Quantity of Potable Water: 310,000 Gallons Per Day

### ***Estimated Quantity of Sanitary Sewage***

260,000 Gallons Per Day

### ***Estimated Quantity of Storm Water***

42,000 Cubic Feet Per 30 min.

***Note:*** Storm Water Management will be provided by Bio-filtration basins placed at intervals around the southern and eastern perimeter of the buildings and located at grade levels. The Bio-filtrations will be designed to handle the requirements for water Quality and Quantity Controls as established by DC Soils Resources Branch. The Bio-filtration Basins will discharge to existing outfall structures located along the bulkhead at the Anacostia River.

### ***Irrigation Water Use***

Plant selections will be designed to require only small amounts of supplemental water during establishment and during periods of extreme drought.