

## **E. SOILS, TOPOGRAPHY AND GEOLOGY**

### **Comment E-1**

p. 5— para. 3 — Where are the “localized low areas” identified?

(Memorandum from Saccardi & Schiff, Inc., dated 11/01/2005)

### **Response E-1**

*The "localized low areas" occur in the parking areas on the north side of Building 2 and near the southwest corner of Sears, as depicted on the full size drawing SP-3 "Existing Conditions Plan" submitted as part of the DEIS.*

### **Comment E-2**

Groundwater

Were any water quality and/or pollution issues encountered with the groundwater that might have any impact upon tenants, employees or visitors to the site? Was the ground water analyzed?

Can the groundwater be used to water the landscaping at the site reducing municipal water usage?

Please explain “perched water” and what would be done to the piles if such a condition were encountered.

How much, in any, groundwater is pumped from the site currently?

How much will need to be pumped from the site if new basements are put in the new buildings?

If water is dumped from the site, where is it sent? Can this be reduced?

(Memorandum from City of Yonkers Planning Bureau, dated 11/18/2005)

**Response E-2**

***Groundwater is not anticipated to be encountered with the proposed construction and renovation of the Cross County Shopping Center, and thus the groundwater was not analyzed. It is not considered practical to utilize groundwater to water the site's landscaping, which would involve drilling a well(s). It is not advisable to develop a supplemental well water supply on a site with municipal water service due to the potential for inadvertent cross connection of the systems in the future.***

***"Perched water" is a zone of unpressurized water held above the water table by impermeable rock or sediment. The piles will be driven through any perched water layer until they reach acceptable bearing. The geotechnical engineer responsible for the borings will be sure the proper bearing stratum is reached.***

***No groundwater is pumped from the site currently, and no groundwater is anticipated to be encountered with the new basements in the new buildings.***