

**15. SOILS**

- A. 1. Provide a description of each of the soils indicated on Map E utilizing the following format:**

**Map E, Soil Map**, shows the location of the soil group. **Table 15-1, Soil Description and Interpretations** summarizes the characteristics of the soil found at the project site.

TABLE 15-1 PARKLAND SOIL DESCRIPTION AND INTERPRETATIONS					
Soil Name and Map Symbol	Brief Soil Description	Seasonal High Water Table; Duration	Permeability Rate (In/hour)	Degree & Kind of Limitation for Proposed Uses*	Degree & Kind of Limitation for Pond Embankments*
7. Krome Very Gravelly Loam	Very shallow, nearly level, moderately well drained soil.	+4' to +5' Jun-Nov	0.6-2.0 0.08-0.12 2-20 -----	Severe: depth to rock	Severe: thin layer
Source: Soil Survey of Dade County Area, Florida, USDA Natural Resources Conservation Service, January 1996					

- 2. Describe the potential for subsidence and any unique geologic features (such as sand dunes, bluffs, sinkholes, springs, steepheads, etc) on the site. Discuss what aspects of the site plan will be used to compensate for or take advantage of these features.**

No unique geologic features are found on the subject property.

- B. Where a soil presents a limitation to the type of use proposed in the development, state how the limitation will be overcome. Specify construction methods that would be used for building, road and parking lot foundations, and for lake or canal bank stabilization as relevant.**

The developed site will be filled with construction grade fill material, appropriate for sub-base for roads and building foundations. Lake edges will be slope appropriately, sodded or stabilized with other appropriate materials (e.g. geofabric).

- C. What steps will be taken during site preparation and construction to prevent or control wind and water soil erosion? Include a description of proposed plans for clearing and grading as related to erosion control.**

Perimeter berms, turbidity fencing and other traditional turbidity and erosion controls will be used to control erosion.

- D. To what degree and in what location(s) will the development site be altered by fill material? If known, specify the source location and composition of the fill. Also identify the disposal location for any overburden or spoil.**

Fill will be obtained from on-site lakes or off-site commercial quarries. It is expected that all overburden will be incorporated into the site plan.