

UMD 501 – Post-Construction Storm Water Management BMP

Title: **Impervious Surface Review – Auxiliary Services Areas**

The Storm Water Steering Committee reviewed the impervious surface areas that are maintained by Auxiliary Services (Parking / Housing). Each area looked at was classified as:

- Necessary as impervious surface
- Removal
- Non-replacement at end of useful life
- Solid/strong surface needed, but could be replaced with pervious systems

In general most of the areas maintained by Auxiliary Services are needed for the transportation of people and vehicles. However, some areas were considered unnecessary or redundant and others only needed for infrequent use. Unnecessary or redundant areas should be removed. Infrequently used areas are good candidates for replacement with pervious systems.

The Storm Water Steering Committee recommends that Auxiliary Services look in to the following modifications:

1. **Lot J-L** – Remove old entrance to parking lot.
2. **Lot Y (RLB)** – Look at redesign to reduce impervious surface when replacement is needed
3. **NRRI** – Remove unused lower parking area.
4. **General** – Planting of tall trees to the south and west of existing parking areas to shade asphalt surfaces.

Alternatives to surface parking should be explored. Use of multi-layered ramps, pervious pavement systems, and alternative modes of transportation should be encouraged.