



### ***Green Swamp ACSC Impact Assessment Statement***

All development as defined in Section 380.04, F.S., with the exception of a single-family dwelling unit and accessory uses, shall submit a Green Swamp Impact Assessment Statement which addresses the following objectives:

- 1) Flood plain development requirements under Section 507D, where applicable.
  - a) *All building and roadway development and stormwater ponds will be outside the designated floodplain. The entirety of the development area is within a FMA Flood Zone X area.*
- 2) Wetland development requirements under Section 507E, where applicable.
  - a) *There are no wetland areas on site.*
- 3) Minimize the adverse impacts of development on resources of the Floridian Aquifer, wetlands, and flood detention areas.
  - a) *As required, stormwater management systems will be designed to retain and infiltrate the total runoff generated by a 25-year frequency, 24-hour duration storm event. Stormwater management systems will be designed to discharge to the receiving ponds. The entire site lies within flood zone X.*
- 4) Protect or improve the normal quantity, quality and flow of ground water and surface water which are necessary for the protection of resources of state and regional concern.
  - a) *No adverse impacts to groundwater or surface water flow are proposed. The proposed stormwater management system will provide net water quality improvement.*
- 5) Protect or improve the water available for the aquifer recharge.
  - a) *As required by Code, stormwater management systems will be designed to retain and infiltrate the total runoff generated by a 25-year frequency, 24-hour duration storm event. Additionally, the proposed development will create additional runoff volume that will recharge the aquifer through retention and infiltration.*
- 6) Protect or improve the functions of the Green Swamp Potentiometric High of the Floridian Aquifer.
- 7) *Additional runoff volume retained onsite and infiltrated into the aquifer will protect and improve the function of the Green Swamp Potentiometric High of the Floridian Aquifer as required by Code.* Protect or improve the normal supply of ground and surface water.
  - a) *The stormwater management system will protect the normal supply of ground and surface water through retention and infiltration as required by Code.*
- 8) Prevent further saltwater intrusion into the Floridian Aquifer.
  - a) *No saltwater intrusion is proposed by the development*
- 9) Protect or improve existing ground and surface water quality.
  - a) *No adverse impacts to groundwater or surface water flow are proposed. The proposed*

***Mixed Use @ US 27 & Minute Maid Ramp Road 1  
Planned Unit Development***

**Green Swamp ACSC Impact Assessment Statement**

*stormwater management system will provide protection of the existing ground and surface water quality improvement as required by Code.*

- 10) Protect or improve the water retention capabilities of wetlands.
  - a) *The proposed stormwater management system will maintain historic drainage basin patterns and discharge into receiving wetlands to protect their retention capabilities as required by Code.*
- 11) Protect or improve the biological filtering capabilities of wetlands.
  - a) *The proposed stormwater management system will maintain historic drainage basin patterns and discharge into receiving ponds for treatment and attenuation.*
- 12) Protect or improve the natural flow regime of drainage basins.
  - a) *The proposed stormwater management system will maintain historic drainage basin patterns and discharge into receiving wetlands to protect the natural flow of basins.*
- 13) Protect or improve the design capacity of flood detention areas and the water management objectives of these areas through the maintenance of hydrologic characteristics of drainage basins.
  - a) *The proposed stormwater management system will protect or improve the design capacity of flood detention areas and the water management objectives of these areas through the maintenance of hydrologic characteristics of drainage basins.*
- 14) *The proposed stormwater management system maintains historic drainage basin patterns and will discharge into receiving ponds to protect the design capacity of flood detention areas through the maintenance of hydrologic characteristics of existing drainage basins.*
  - a) *The proposed stormwater management system will maintain historic drainage basin patterns and will discharge into receiving ponds to protect the design capacity of flood detention areas through the maintenance of hydrologic characteristics of existing drainage basins.*

Should you have questions, please contact Jarice Barbee at (727) 463-4865 or by email at [jarice.barbee@avidgroup.com](mailto:jarice.barbee@avidgroup.com).

Respectfully,

**Jarice N. Barbee, MSP**

Land Use Planner

**AVID Group®**

2300 Curlew Road, Suite 201

Palm Harbor, FL 34683

Cell: (727) 463 - 4865

[jarice.barbee@avidgroup.com](mailto:jarice.barbee@avidgroup.com)

[www.avidgroup.com](http://www.avidgroup.com)

**Tampa \* Orlando**