

EXHIBIT A

ADDENDUM 2 TO THE CITY OF MIAMI BEACH STORMWATER (MANAGEMENT) MASTER PLAN FINAL REPORT

The following amendments to the following sections of the 2011 SWMP are hereby amended and incorporated by reference into the 2011 SWMP, as follows:

2.5.3 Proposed Level of Service (LOS)

As shown, CDM evaluated design storm events and joint tidal event periods to evaluate stormwater system performance and the project needs and costs to achieve various levels of service. The various evaluations for LOS indicated a point of diminishing returns at the 2 to 3 year storm event level.

Therefore, the City and CDM formulated options to best protect public safety and property with available funding. The 5-year, 24-hour design storm of 7.5 inches of rainfall was also investigated due to current LOS standards. As an example, a 5 year LOS in the Flamingo •Park Lummus Avenue project area would cost approximately \$80 million, and the City available budget for this project area is approximately \$35 million.

Based on the supplied information herein, the City should determine whether an adjustment in the design storm is prudent as it relates to the future evaluation of LOS.

"Future crown of road" and *"future back of sidewalk elevations"* shall be 3.7 feet, NAVD, unless exempt due to hardship as determined by the Director of Public Works.

For land development purposes. *"future grade"* shall be a minimum of 3.7 feet NAVD.

The stormwater level of service for roadways such that the *"future crown of road"* is not overtopped (flooded) during the ~~5-10~~ year / 24 hour design storm event shall be constructed utilizing the following parameters:

- South Florida Water Management District nomograph with 1.25 safety factor.
- The rainfall distribution shall be the SCS Type III.
- The Unit Hydrograph peaking factor shall be 150.