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MEMORANDUM

Date: October 15, 2024
To: Michael Elabarger
From: Jacqueline Thompson, PE
Subject: Tidal Wave Auto Spa
SDP 23-08, 5th Submittal
Town of Rolesville, NC

This memo summarizes the review of site plan documents submitted by Seamon Whiteside Company dated 10/01/2024 (received 10/03/2024).

Sheet C5.1

1. Please include the NCDOT detail 1205.07 that is referenced for pedestrian crosswalks in the plans.

Sheet C6.1

2. Provide at least 0.1' of drop between invert in and invert out at structures. The previous submittal had the appropriate drops between pipes.
3. **Repeat:** There is a concern about how well the area near the driveway entrance from Grand Park Drive will drain as the slope appears to be <0.5%. Please review the design and ensure there is enough grade change to allow for positive drainage to storm structures. The response provided refers to drops at storm structures. Adjust grades and/or provide a response to how drainage will be handled with this flat area.
4. **Repeat:** All pedestrian ramps need to be ADA compliant. Please confirm longitudinal and cross slopes of pedestrian ramps. Based on the elevations and current layout, there doesn't appear to be a landing. Please clarify the design intent.