

## MEMORANDUM

**Date:** 11/28/2023  
**To:** Michael Elabarger  
**From:** Jacqueline Thompson, PE  
**Subject:** Tidal Wave Auto Spa  
SDP 23-08, 1<sup>st</sup> Submittal  
Town of Rolesville, NC

This memo summarizes the review of site plan documents submitted by Seamon Whiteside Company dated 10/30/2023 (received 11/03/2023).

### Sheet C0.0 Cover Sheet:

1. Include a site data table on the cover sheet.
2. Provide storm calculations package. The storm could not be evaluated with this review and will be reviewed upon the next submittal.
  - a. If a separate Construction Drawing plan set is planning to be submitted, please disregard this comment until then.

### Sheet C4.1 Erosion Control Ph. 1:

3. A power pole designated to remain is directly in the middle of your proposed construction entrance. Please adjust the construction entrance or add note of how to manage the power pole.
4. Add a silt fence outlet for the area draining east of the ridgeline.
5. There is a line outside of the limits of disturbance shown on this sheet. Please remove or update accordingly.
6. Remove duplicate sheet C4.1.

### Sheet C4.2 Erosion Control Ph. 2:

7. The existing major contours are very dark and hard to distinguish from proposed contours. Please adjust for clarity.
8. Remove duplicate sheet C4.2.

### Sheet C4.3 Erosion Control Ph. 3:

9. There appears to be tree size labels showing on this sheet. Please remove from sheet.
10. Remove duplicate sheet C4.3.

### Sheet C5.1 Site Plan:

11. A handicap ramp will be needed for the handicap parking stalls.
  - a. This comment also applies to Sheet C6.1

12. Add the depth dimension to the handicap stalls.
13. Please provide a truck movement exhibit due to the irregular ingress and egress route running through the car wash area. This does not need to be part of the plans, but provided as part of the next submittal.
14. All ingress and egress arrows appear to be on the wrong side of the drive aisle.
  - a. This comment also applies to Sheet C6.1.

Sheet C6.1 Overall Grading and Drainage Plan:

14. Please confirm the rim elevations for the underground detention system. Are these pavement elevations, or are there structures at the end of the pipes that are not being shown?
15. Grades do not match what is detailed for spilled curb in the standard details in the handicap area. Details have a 6" drop or more from front to back and that is not reflected in this area. Verify the elevations of curb.

Sheet C6.2 Drainage Profiles:

16. Label existing grade and proposed grade for clarity. It appears to not tie to existing grade or there are 3 surfaces. Unsure of depth at A9.

Sheet C7.1 Utility Plan and Profiles:

17. Fix the leaders in the inset for the water connection area.
18. Please label inset B's location on the plan as you have done inset A to clarify what it is for.