

Engineering has reviewed the plans for the Wrightsville Landing project submitted October 11, 2019 and have the following comments:

Plans:

- 1) Site Plan (C-3): Why is there a second X-Section shown for Wahoo Way? Is this X-Section for proposed road located in front of units 9-12? Please update to reflect plan view conditions.
- 2) Site Plan (C-3): Was a temporary construction easement worked out with adjacent property owners for the construction of Wahoo Way?
- 3) Road P&P (C-3.1): Please show storm drain structures on Profile.
- 4) Grading (C-5): Relocate Roof drain from 30" live oak encroachment.
- 5) Grading (C-5): There is a major concern for the health and well-being of the 72" & 30" live oak adjacent to units 8 & 9. We would ask that the Site Plan be revisited to place these trees in a more appropriate open space.
- 6) Grading (C-5): Show enlarged scale for sidewalk improvements along Wrightsville Avenue.
- 7) Grading (C-5): How are clear zone distances being met for sidewalk along Wrightsville Avenue? Wrightsville Avenue has a posted speed limit of 45 mph with an ADT greater than 6,000, therefore horizontal clear zone would need to be a minimum of 18' from the travel lane. However, a 6" vertical separation can be used, such as 6" swale or curb & gutter, if horizontal requirements cannot be met.
- 8) Grading (C-5): Provide rip-rap dissipaters for all pipes entering wet-ponds.
- 9) Grading (C-5): How will sidewalks be installed adjacent to (3) 36" pipe extensions? There does not look to be enough room to grade back at a 3:1...is there a headwall proposed? Pedestrian fencing will be needed for sidewalks adjacent to culvert crossing.
- 10) Wet Pond#1 (C-6.1): Per technical standards the spillway shall be a minimum of 0.5' above the peak surface elevation of the 50-year storm event. Please raise above riser spillway.
- 11) Wet Pond#1 (C-6.1): Update Outlet Structure Detail to show 2:1 side slopes below vegetative shelf.

Please submit revised plan sheets and any other documentation to Engineering for additional review. Please call or email if there are any questions. Thank you.