

Engineering has reviewed the August 2, 2017 submittal for the Hidden Pines project and has the following comments:

- Replace all stormwater management plan approval stamps with City of Wilmington drainage plan approval stamps.
- Proposed impervious driveway in the Hill St ROW will need to be factored into impervious totals. Fill out Sect. IV #12 of the SW Permit Application for impervious pavement. Revise the onsite impervious area totals if need be (Sect. IV #9, #10, #11 of the SW Permit Application).
- Add City of Wilmington standard details 3-03.1 and 3-03.2 for a residential driveway.
- Label the 10' drainage easement as "private".
- Please verify that the ditch downstream of the proposed swales has an outfall.
- Existing contours show an existing draw that will need to be addressed. The proposed road will block the existing draw. Will an additional pipe be needed? See the south side of the proposed road approximately 100' east of Hill St.
- Convey how swales will be graded. Add spot elevations for tops and bottom of swale. Add proposed contours. Spot elevations should show that the swales will allow for their respected design depth.
- Check with New Hanover County to see if erosion control / grading permit is required.
- Show the proposed sidewalk continuing across the proposed driveway.
- Construction management is currently reviewing the plans and I will forward the comments when their review is complete.
- Remove the duplicate header curb detail.