

Engineering has reviewed the plans for the Shinnwood Cottages project submitted for TRC review on January 26, 2017 and have the following comments:

1. This project is subject to a full stormwater management review. Please submit a stormwater application, a \$1,000 review fee, calculations, plans and any other necessary documentation to Engineering for review. Additional comments will be made once the full engineering submittal is reviewed. Please note our review times are approximately 30-45 days right now. Please factor this into your submittal schedule.
2. The project must control the post-development peak discharge rate of the 2, 10 and 25-year storms to not exceed the pre-development peak runoff discharge rate for the same storms.
3. Control systems must be designed to treat the stormwater runoff from all surfaces generated by 1.5" of rainfall.
4. All conveyances must be designed for the 10-yr storm and analyzed for the 50-yr storm event to check the system for flooding. Provide HGL calculations for each storm. Assign an appropriate tailwater condition.
5. Please provide a copy of any applicable soils report with the associated SHWT elevations (identify elevations in addition to depths) as well as a map of the boring locations with the existing elevations and boring logs.
6. City standard details must be the most recent pdf version downloaded from the City's website.
7. Please provide all appropriate details to support stormwater management systems.
8. Please include an inlet drainage area map and an overall BMP drainage area map. Please make sure each drainage area is labeled and quantified.
9. The existing driveway along Greenville Loop Road will be required to be closed.
10. There appear to be some existing ditches that will be filled in. Are these ditches streams? Will the outfall for the remaining ditches be cut off by filling in the ditches on this site? How will the existing wetlands continue to be fed? Have you considered using the existing wetlands for stormwater detention?

The above comments will be uploaded to Protrak shortly. Call or email if you have any questions.