

Genna Porter

From: Rob Gordon
Sent: Wednesday, April 08, 2015 12:24 PM
To: msaieed@designele.com
Cc: Jeff Walton; Genna Porter
Subject: Eng TRC Review - Pantana Bobs

Engineering has reviewed the plans for Pantana Bobs and have the following TRC comments,

1. City Stormwater permit requirements are determined by the amount of newly constructed impervious area. The plans indicate the amount of pre & post development impervious, but the amount removed and reconstructed (or newly constructed) are necessary to determine the type of stormwater permit that will be required for the project.
 - a. If <2500 sf is proposed, no stormwater or drainage permit will be required.
 - b. A drainage plan will be required if the project is proposing between 2,500 and 10,000 sf of newly constructed impervious area on site. This would be a grading and drainage review only, no stormwater control measures would be required. A drainage plan requires a completed application and a \$200 review fee.
 - c. If the project is proposing in excess of 10,000 sf of newly constructed impervious area on site, a full stormwater management permit will be required. This will be grading and drainage and stormwater control measures w be required for all newly constructed impervious area. A stormwater management permit requires a completed application and a \$1,000 review fee.

It is clear that a full stormwater management permit will not be required for the project, but a drainage plan may be required depending on the amount of impervious area be constructed. Please clarify.

2. Open slatted decking is considered pervious. Please specify if the type of decking or provide a detail.
3. Please provide a detail of the inlet/Stormwater BMP proposed under the deck.
4. Please provide spot elevations or at least drainage arrows to indicate flow patterns on site.
5. Please specify the size and type of pipe connecting the curb inlets and out to the service road.

These comments will be uploaded to protrak. Please call or email if there are any questions. Thank you.

Robert Gordon, PE
Project Engineer

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