

CORAL BAY COMMUNITY COUNCIL, INC.

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RE: CZJ-01-10(L)
VI Resource Conservation & Development
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Carolina Valley Sediment Detention Basin

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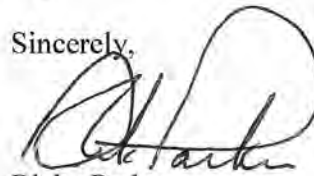
Dear Mr. Ramos:

As previously presented the current plan will be to construct a sediment detention basin within the boundary of Parcel 6-4 Estate Carolina. To reflect this attached is a drawing which shows the planned construction entrance coming from the 6-4 Estate Carolina side of the construction area.

This sediment basin is not intended to impound water. The purpose is to slow the water flow enough so that sediment drops out of the water but not to impede the water flow. To accomplish this goal, there will be a rock weir spillway. The rock weir will be constructed with large rock rip rap. The anticipated porosity of the weir will be about 0.45. The permeability or transmissivity of the weir would be in the order of 1 to 10 feet per second (fps). This will not significantly impede the flow of water, and will not facilitate ponding. We anticipate that within a few hours after a rainfall event, there will not be any water remaining that is retained by the weir.

Hopefully this answers the majority of your questions. Give me a call if there is anything more that you need prior to the hearing.

Sincerely,



Blake Parker