

March 6, 2013

Cathleen Garnand, Civil Engr. Assoc.  
 County of Santa Barbara  
 Water Resources Division, Public Works  
 123 E. Anapamu St.  
 Santa Barbara CA 93101

Subject: Golden Inn, Treatment of stormwater run-off from paved areas

Ms. Garnand,

The following information provides potential bio-retention options and is subject to modification depending upon the final grading design and storm water calculations.

Basin 1 and Basin 2 will serve as flood control basins and bio-retention. The basin outlets will provide controlled discharge rates in accordance with the County of Santa Barbara regulations for flood control and stormwater treatment. The chart below identifies paved areas tributary to certain bio-treatment features and coincides with the graphic exhibit (attached). In the development of construction documents and the specific final designs for grading and stormwater calculations, paved areas and the storm water collection system will be adjusted and refined to conform to bio-treatment requirements.

Paved Area	Surface Area (sqft)	Treatment Location	Type of Treatment Feature	Surface Area of Feature (Sq.Ft.)
A	10,800	Basin 2	Flood Control & Bio Treatment Basin	3,200
B	27,000	Bio #7 & Basin 2	Approx. 60 LF bio-swale & Basin 2	240
C	13,500	Bio #6 & Basin 1	Approx. 7,500 sq.ft. & Basin 1	7,500
D	4,500	Bio #3 & Basin 1	Approx. 120 LF bio-swale & Basin 1	480
E	5,000	Bio #4 & Basin 1	Approx. 120 LF bio-swale & Basin 1	480
F	6,100	Bio #5 & Basin 1	Approx. 120 LF bio-swale & Basin 1	480
G	17,000	Basin 1	Flood Control & Bio Treatment Basin	10,000
Totals	<b>83,900</b>			<b>22,380</b>

The surface area of paved parking is approximately 83,900 sq.ft. The surface area of landscaping and basins that offer potential for bio-retention and bio-swales is approximately 22,380 sq.ft, or, 26% of the paved area.

Sincerely,  
**eda design professionals, inc.**



Michael Bertaccini  
 Vice President