Blue Sky Design, Inc.
Consulting Engineers

December 19, 2011

Re: Structural Engineering Services
CURB ALLURE
New York, NY
BSD Ref. # 10194

To Whom It May Concern:

Per Curb Allure's request, we performed calculations for the aluminum tree guards using different spans and aluminum alloys. The aluminum tree guard frames have been designed to support the required loads per applicable structural code.

The designed aluminum members perform structurally as well as steel for the required design load of the tree guard. Using a combination of these alloys and an internal "honeycomb" rail design, in addition to the selection of the appropriate connection hardware, increases the strength and stiffness of the Curb Allure's tree guard.

Any tree guard, whether made of aluminum or steel, would be susceptible to damage from trucks, cars and people in an urban environment. Curb Allure's components and connections have been designed to be easily unfastened so that any damaged parts can be removed and replaced and therefore does not necessitate the replacement of the entire guard.

Sincerely:
Rafael Pena

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