

Expert Judging Criteria



Judging ID Number: 02EJ-D _____

Team Number of Entry 02-01 _____

Design Category of Entry: Green Street - 6th Street _____

Judges' Comments: This Entry shows careful attention to the plant selection as appropriate for LID uses. Very nice. Additionally, it focuses on developing a street model which I would encourage the team to refine as it could be more easily exported to other locations (as opposed to an intensely site-specific design solution) and, as such, could be extremely useful. Pay particular attention to resolving the circulation patterns (bikes, pedestrians, vehicles) and the points of intersection as these may have safety issues. Perhaps a less serpentine meander? Refine the details for planters, infiltration trenches, etc. which show low walls and curbs that can be problematic in operation. Such designs can create unintended maintenance problems (e.g. collecting windblown trash); and, they need to address potential "attractive nuisance" issues (e.g. skate-boarding) and ADA challenges.

The Entry directs runoff very quickly to collection. It would mimic natural systems better to increase treatment/filtration at the source & surface. It did not address seasonal impacts (both typical and extreme).

The Entry lacked adequate attention to current codes that may pose barriers to the LID features.

Total Points Accumulated: ___57___ out of 100

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- How well does this site conserve natural resources that provide natural functions associated with controlling and filtering storm water?
____7__ of 10 points
- How well does this site use decentralized, small-scale landscape features and LID Integrated Management Practices (IMP) working as a system to:
 - Reduce the amount of runoff by mimicking the natural hydrologic function of the site and matching pre-development hydrology?
__7__ of 10 points
 - Minimize the use of and/or reduce the size of pipe and other centralized control and treatment infrastructure?
__6__ of 10 points
- How well does this site minimize and disconnect impervious surfaces, lengthen time of concentration and promote bio-filtration of runoff to improve the quality of storm water leaving the site?
____7__ of 10 points
- How well does this site minimize or eliminate the use of potable water resources needed for irrigation and where practical provide for the reuse of rainwater?
__8__ of 10 points
- How well does this site use enhanced quality of life values and reduced maintenance costs inherent in LID practices to increase marketability of the development and long-term property values?
__5__ of 10 points
- How well does this site correctly identify current codes that prohibit the construction or implementation of your prescribed LID techniques?
____0__ of 15 points
- How well does this site address the aspects of your area of expertise in architecture, landscape architecture, hydrology/hydraulics/civil engineering, stormwater quality, or planning/development/consulting?
____6__ of 10 points
- How well do the team's submitted materials address grammar, editing, appearance, and verbiage?
__5__ of 5 points
- Does the team's design adequately compare the costs of LID versus conventional design? Is their design a better investment, in your opinion, than the conventional design?
____6__ of 10 points

Total Points Accumulated: 57 out of 100