

Expert Judging Criteria



Judging ID Number: 03EJ-C _____

Team Number of Entry Team 03-02 _____

Design Category of Entry: Urban Redevelopment - Barnard Trace _____

Judges' Comments: . Provide rainfall information for site, soil types and challenges. Will utilize the existing infrastructure & areas of street surface. Provide LID practices (pervious pavement & cisterns ; trees) for home lots and streets. Provide cost comparison with good detail – LID construction upfront cost approx. \$70,000 greater; 12.3 year payback; no specific code impediments described.

Total Points Accumulated: 71 out of 100

Expert Judging Criteria

- 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?
__10__ 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?
__5__ 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?
__9__ 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?
__8__ of 10 points
- How well does this site correctly identify current codes that prohibit the construction or implementation of your prescribed LID techniques?
__7__ 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?
__7__ of 10 points

Total Points Accumulated: 71 out of 100