

## Expert Judging Criteria



**Judging ID Number:** 03EJ-C \_\_\_\_\_

**Team Number of Entry** Team 03-01 \_\_\_\_\_

**Design Category of Entry:** Urban Redevelopment - Barnard Trace \_\_\_\_\_

**Judges' Comments:** Use of Cluster development preserved 1.6 acres (40% of site) of open space; included playground, walking trail, community garden and meadow area. Demonstrate peak flow reduction (stormwater reduced 30%) and pollutant reductions (70-90%) with included LID practices. No mention of total storm flow reduction, potable water vs. rainwater for irrigation of home lot lawns, disconnection of impervious surfaces for home lots, or additional/reduced stormwater system structures for development. Consider downstream creek impairments and potential education for expected homeowners. Demonstrate \$100,000 savings over conventional construction techniques (no indication if this savings is current and/or long-term). Demonstrate significant market value increases due to LID. \_\_\_\_\_

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Total Points Accumulated: 89 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?  
\_\_10\_\_ 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?  
\_10\_\_\_\_ 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?  
\_\_\_9\_\_ 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?  
\_\_\_10\_\_ of 10 points
- How well does this site correctly identify current codes that prohibit the construction or implementation of your prescribed LID techniques?  
\_\_\_15\_\_ 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?  
\_8\_\_\_\_ 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?  
\_\_8\_\_ of 10 points

Total Points Accumulated: 89 out of 100