

Expert Judging Criteria



Judging ID Number: 02EJ-A

Team Number of Entr 0201

Design Category of Entry:

Judges' Comments: I would have liked to have seen a solution that incorporates LID without the use of the open canal. Maintenance for such a canal would be very expensive...and the canal would lead to some unintended consequences. For example.....what happens if water is not flowing? Smell issues, mosquitos and pest, water quality, HSW of patrons.....Canals have been tried over and over (remember downtown Tulsa?) All have failed or did not live up to expectations for one reason or another...eventually having to be filled in. Even in cities like Chicago and San Antonio where you have rivers flowing through sections....maintenance and water quality continue to be huge issues. The curved road seems forced.....i like the traffic calming aspect and the focus on pedestrian traffic....but not sure if the curved road is the right solution. Parking in back seems somewhat convoluted...movements are not natural and need to be looked at more closely. Anchoring each end with a small 2 story parking structure while allowing some on street parking may be one solution. The pervious pavers/pervious concrete is a good solution...I have used both with success....again the only issue is the heavy maintenance requirement. I like the bio retention areas and the water harvesting/reuse solutions....would love to see more of that thinking industry wide. One nagging issue is ..who pays for it?? Land is cheap in Tulsa, buildings are cheap in Tulsa.....do you think the cost model will be able to compete with other locations? Maybe so.....just a thought.

Note: Did not address any permitting issues

- How well does this site conserve natural resources that provide natural functions associated with controlling and filtering storm water?

___6___ of 10 points

Total Points Accumulated: _____ out of 100

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- 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?
___8___ of 10 points
 - Minimize the use of and/or reduce the size of pipe and other centralized control and treatment infrastructure?
___7___ 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?
__8___ 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?
__7___ 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?
___5___ of 10 points

61 Total

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