

Taylor Currell - ACSA Concrete Recycling Center and Urban Solutions

Project Introduction

Description by Competition Sponsor:

OPPORTUNITY

In the 3rd Annual Portland Cement Association (PCA) Concrete Thinking for a Sustainable World Competition, students are challenged to investigate innovative uses of portland cement-based material to achieve sustainable design objectives. The competition offers two separate entry categories, each without site restrictions, for maximum flexibility.

Category I – Recycling Center

Design an environmentally responsible Recycling Center focused on reusing today's materials to preserve tomorrow's resources. Site is open.

Urban Recycling Solutions:

The Recycling Center will contribute on a larger basis to the urban context.

Guidelines:

- 1) Locate recycling center in an urban context - select site in Houston.
- 2) Look at the urban context of the Recycling Center site and :
 - Address how a recycling center can change the urban environment
 - Through - methods of recycling, reuse of materials within the urban context - For example, you can design methods for recycling in the urban setting (remember that student that created drinking water for the campus) think in this way.
 - What materials can be reused and brought into the urban context - street furnishings, can parks play a role in recycling, street surfaces - there are so many opportunities.

As you progress on the research about this, I'll ask you to narrow down specific areas. This way, the recycling center will contribute to the broader physical aspect of the urban environment. P.S...Locating in East Houston near the Dynamo Soccer site is a good place - or north, near the new terminal project you all worked on in summer studio. You may propose an alternate site, but you must substantiate it and I will approve or disapprove it.

3) You define these things in this first assignment, and I will make notes and revisions to help you develop a qualifying urban design project while allowing you to do the recycling center as your competition project. I actually believe if you submit it all together, it will make for a stronger entry.