SOUTHSIDE

PRESBYTERIAN CHURCH















Drachman Institute is the research and public service unit of the College of Architecture and Landscape Architecture (CALA) at the University of Arizona dedicated to the environmentally sensitive and resource-conscious development of neighborhoods and communities. It is our contention that good quality and innovative architectural design and technology, sensible community planning, and a landscape architecture that fosters beautiful and healthy private and public space is the cornerstone of this work. We engage our students, our staff, our faculty, and our citizens in a collaborative, research-based outreach enterprise to make our communities healthier, safer, more equitable and more beautiful places to live.

Designer Chi Talley Project Coordinator Amy Wood Project Director Katie Gannon Director Brooks Jeffery

Drachman Institute College of Architecture and Landscape Architecture The University of Arizona 819 E. First St. Tucson, AZ 85721

(520) 626-5293 www.drachmaninstitute.org

Febuary 2, 2011



Communities Putting Prevention to Work (CPPW) is a national initiative of the Centers for Disease Control and Prevention (CDC). The goal is to prevent or reduce the spread of obesity and related diseases by increasing opportunities for improved nutrition and active living. The method is implementation of policy, systems and environmental change. Pima County was one of 44 communities nationwide to receive funding for the CPPW grant, part of the American Recovery and Reinvestment Act of 2009. CPPW is being developed and administered by the Pima County Health Department, in partnership with Activate Tucson, a coalition advocating healthy eating and active living. A *Let's Move* toolkit for faith-based and neighborhood organizations can be linked to from the website http://www.hhs.gov/fbci/index.html.

Location



Southside Presbyterian Church is located at 317 W 23rd St. directly north of the South Tucson border and serves the community of South Tucson.



Southside Presbyterian Church



Southside Presbyterian Church is an active part of the South Tucson community. In addition to Sunday worship, the church assists the community by offering services to children, the homeless and also offers a Day Labor Center to provide a safe place for workers and employers to negotiate employment. Southside Presbyterian Church is strong in community involvement and culture but lacks an outdoor space to host these community events.

Southside Presbyterian seeks an outdoor space that will provide an area to grow food, a community area, provide a space for children to play, and is sustainable. The creation of the outdoor space will specifically better the clients of the day labor program by an opportunity to gain skills as they build the outdoor space. In addition, the food-garden will create an opportunity to grow food for themselves and their families, and to create a source of income.

Context



Southside Presbyterian Church is located east of I-10 freeway. The major streets that run near the church are 22nd St. to the north and 6th and 12th Avenues to the east and west.

The Downtown Airport Wash runs just south of the church which, along with the Santa Rosa Park, offers some green space for the local community. In addition, many schools are in the surrounding area. This offers the Presbyterian Church the opportunity to host students for a educational experiences.

The Santa Cruz Church is located within the area. The stores near by are convenience stores which points out that the community is in need of more variety and fresh food sources.

Legend





Looking North across 23rd St. view of vacant lot



Looking **West** across 10th Ave. with a view of 'A' mountain

Southside Presbyterian Church



The Site



Views within the site



Looking **East**: This show the vast opens space and the lack of vegetation besides a few weedy trees.



Looking South: This shows the site from the railing of the community/office building. The neighboorhood is visible beyond the concrete block wall.



Looking **North**: This view towards the building shows the transition zone between the building to the outdoor space. Currently the space is sparse and exposed except for the mature Aleppo pine tree.



Looking **West:** This also demonstrates the vast open space and the need for vegetation. Also featured in this photo is the laundry room which offers the opportunity to harvest grey water.

User groups

The garden seeks to cater to three main user groups





Children- a place for children to play and also participate in gardening

Church community- A space to host outdoor community events



Day Laborers-Food-garden will give day labors access to food and skills in creating the outdoor space.

Skills Gained in Creating Garden

Flagstone Installment Grey and Rain Water Harvesting Gardening Composting Mural Painting Landscaping Ramada and Greenhouse construction Adobe brick construction





Activity Zones and programs for each zone



Concept One: Central Garden

Central Garden places the garden beds in the center for the optimal amount of sunlight. The amenities for the garden were placed near it to provide easy access. The orchard is near the laundry room to use the grey water for watering the fruit trees. The other activities zones are centered on this and the different user circulations paths.

Pros

Optimal sun for garden
Garden amenities close to garden
Children's areas easily supervised
Large space for pollinator garden
Orchard near laundry room

Cons

Community space decentralized
Garden in main circulation area
Children's area next to garden
Pollinator plant not dispersed

Children's Play Area

Garden Beds

Garden

Orchard

Amenities

Pollinator Plantings Community Space

Concept Two: Long Orchard

Long Orchard features the idea of a lengthy orchard located on the south edge of the site which people could possibly stroll through. This also features the community area right in the center of the site as a main attraction. The garden is placed next to it to be viewed from the community area.

Garden

Amenities

Pros

Community space centralized
Orchard creates place for strolling
Pollinator plantings and children next to each other

Cons

2-

Doesn't take into consideration the opportunity to harvest grey water
Garden beds may not receive enough sun
Children's play area limited to one spot

Garden Beds Community Space Pollinator Plantings Orchard

Concept Three: Sun Central

Sun central places the main zones in the center of the site where they receive a large amount of sun and are also the main focus. The orchard is placed by the laundry room to use the grey water. The children's area and pollinator planting are placed next to each other. The garden and the community space are also next to each other to provide interaction.

> Community Space

Orchard



The Design



- Laundry room offers the opportunity to harvest grey and rain water. Basins around orchard trees also help retain water in this area.
- Desert labyrinth made of rocks
- Benches in the orchard offer a place for secluded meditative seating.
- Flagstone 'council circle' offer a place for church community to hold events outside. The fire places also offer a center feature for this area.
- An alternative entrance provides direct access to community zone.
- Alter that is a central focus of community zone
- Shade Mesquite ramada offers shaded seating

- Children oriented sculptures for climbing
- Pollinator plantings that attract hummingbirds and butterflies
- Sunken garden beds
- Compost
- Elevated walking paths that allow for water to be harvested in to the pollinator planting area
- Play structure



- ADA accessible entrance



Orchard Secluded seating Meditative space Water harvesting







The orchard makes use of the grey water that will be collected from the laundry room. Surrounding the trees there will be basins to help the trees retain water. This area will also have benches to provide a secluded meditative seating area. A desert labyrinth will be placed outside the site near the parking to utilize an abandoned space.





Community Space Interactive seating Fire Pit Ramada Altar







The Community area focuses on users' social interaction. This area features a ramada that will provide shade and also a 'council circle' to host outdoor events. An adobe altar and fire place will add southwest character while providing a focal points for users.



Community Space Interactive Seating Fire Pit Ramada Altar

The proposed community space features a council circle which integrates the existing Aleppo pine into the design by using its shade. Another feature of this space is a break in the railing and an added set of stairs near the council circle which creates an alternative entrance to the site. This space can also be used as an elevated platform for lectures, sermons and performances.







Garden beds 4 10 'x10' plots

Garden Amenities Compost Green house





The garden space features sunken plots to help retain water in the desert heat. In addition, a three-part compost bin is made using recycled pallets and is installed in this area. This area will offer social interaction among workers but also an observation area for those that are seated in the community area. There is sufficient space available for the future addition of a greenhouse.





Children's Play Area Sculptures Informal play Pollinator Planting Sculpture



The children's play area and the pollinator garden offer informal play areas for observation and education. The alternative play area for the children is composed of interactive sculptures and natural play structures. Colorful drought tolerant plants which attract pollinators -butterflies and birds-were chosen to liven up the space. The plantings are placed in basins and they feature informational signage so that visitors can learn about the native plants and animals.



Children's Play Area Sculptures Informal play

Pollinator Planting Plantings Sculpture





The plants selected for the site are suited for the Sonoran Desert's high temperatures and low precipitation rates. For this specific site, mixes of plants that can tolerate shade and also attract pollinators such as butterflies and bees were chosen. The Texas honey mesquite was chosen because it is a good tree for climbing and will provide a lot of shade. The orchard trees provide fruit but also do not require a lot of water

Cacti:

totem pole cactus Lophocereus schottii 'monstrosa









pineapple guava Texas honey

autumn sage

mesquite





Baja fairy duster desert milkweed

Trees:

fig Ficus carica pineapple guava Feijoa sellowiana pomegranate punica grantum Texas honey mesquite Prosopis glandulosa

Shrubs:

20

asparagus fern Asparagus densiflorus Mexican honeysuckle Justicia spicigera autumn sage Salvia greggii Baja fairy duster Calliandra californica desert milkweed Asclepias subulata



fig



asparagus fern Mexican



LOCAL RESOURCES

Pima County Neighborhood Reinvestment Program

Website: http://www.pima.gov/ced/CDNC/ Contact: Leslie Nixon, Program Manager, 520.243.6769

Administered through the Neighborhood Reinvestment Program of the office of Community Development and Neighborhood Conservation on behalf of the Pima County Board of Supervisors. The program goal is to promote stability and revitalize stressed communities through the funding of small capital improvement projects selected through a community consensus process.

Back to Basics Grant

Community Services Department Phone: 520.791.4605 Website: http://cms3.tucsonaz.gov/hcd/back-tobasics-guide

Available through local City Ward Office. The program goal is to revitalize and stabilize neighborhoods with the most serious needs for basic improvement while developing partnerships among neighborhoods, Ward and City offices, and local businesses. Common uses are street paving, sidewalks, street lights, traffic calming, parks and streetscapes, bike and pedestrian paths, drainage improvements, and bus shelters.

Midtown Ward Six

3202 East 1st Street Tucson, Arizona 85716 Council Member Steve Kozachik Phone: (520) 791-4601 Fax: (520) 791-3211 Email: ward6@tucsonaz.gov

NATIONAL RESOURCES

The following were gathered from the INDEX FOR FAITH-BASED FUNDING RESOURCES, December 2007.

Website: http://libwww.freelibrary.org/rfc/ rfc_downloaddoc.cfm?form=RFC_faith_based_ funding_resources

The Huston Foundation

900 West Valley Road, Suite 204, Wayne, PA 19087, Suite 204 Wayne, PA 19087 Phone: 1.610.832.4955 Fax: 1.610.832.4960 Website: http://www.hustonfoundation.org/

McCune Foundation

750 Six PPG Place Pittsburgh, PA 15222 Phone: 1.412.644.8779 Fax: 1.412.644.8059 Website: www.mccune.org Contact: info@mccune.org

Hunger Program Funds

Presbyterian Hunger Program 100 Witherspoon Street Louisville, KY 40202 Phone: 1.888.728.7228 x5832 Website: www.pcusa.org/hunger/ Contact: Georgetta Poyntz, gpoyntz@ctr,pcusa. org

Presbyterian Church (U.S.A.) Foundation

200 East Twelfth Street Jeffersonville, IN 47130 Phone: 1.800.858.6127 Website: www.presbyterianfoundation.org

NATIONAL RESOURCES

Self-Development of People

100 Witherspoon Street Louisville, KY 40202 Phone: 1.888.728.7228 x5791 Website: www.pcusa.org/sdop Contact: Marina Zaldivar, sdop@ctr.pcusa.org

Speer Memorial Fund

Synod of the Mid-Atlantic P.O Box 27026 Richmond, VA 23261 Phone: 1.800.743.7670 Fax: 1.877.259.4441 Website: www.synatlantic.org

Urban Ministry/National Ministries Division

100 Witherspoon Street, Room 2065 Louisville, KY 40202-1396 Phone: 1.888.728.7228 x5244 Website: www.pcusa.org/smallchurch/grants.htm Contact: Eva Slayton, eslayton@ctr.pcusa.org

Women's Ministries Program Area

Presbyterian Women Birthday and Thank Offering Funds including Health Ministries 100 Witherspoon Street Louisville, KY 40202 Phone: 1.888.728.7228 x5365 Fax: 1.502.569.8600 Website: www.pcusa.org/pw/giving/index.htm Contact: Ann Ferguson, Ann_Ferguson@ctr. pcusa.org