

PROJECT DESCRIPTIONS AND DUTIES

Overview

I have been involved in the planning and design of hardscape features, landscaping and irrigation systems as well as construction administration and bidding assistance tasks in both public and private sectors in the United States as well as in Colombia. I am a registered architect in Colombia and a registered landscape architect in Florida. This unique skill set has allowed me to develop design solutions that address a multitude of programming requirements encountered in the site development process. My area of specialization is in highway landscaping, streetscape design and construction administration. I have a thorough knowledge of Florida Department of Transportation plans preparation manuals, design standards and specifications required for State Road infrastructure landscape architecture projects and associated municipal public works projects. I have extensive experience in preparing award winning designs and associated construction documents for a wide variety of project types. In addition, my experience includes planning and design for parks, greenways and trails, preparation of design and aesthetic guidelines development, preparing graphics/hand illustrations for public presentations, and use of 3D computer simulations. Typical projects are described below.

Surface Transportation

Landscape Architect, FDOT Design Standard Index Development - for Irrigation and Sleeves, FDOT Central Office (2010): Scope of Services includes the development of Design Standard Index for irrigation and sleeve design for the standard index to supplement storm water re-use standards and general irrigation system standards. CADD production of graphics for draft irrigation sleeve design standard and coordination of submittal of Design Standard Index to FDOT for publication. The design standard index is in the development, review and comments phase and has not yet been adopted by the CEMO.

Landscape Architect, US 301 Landscaping, Sarasota, Florida (2009-2010): Provided conceptual design for the development of two gateway features at strategic locations within the project limits. Participated in the conceptual design for the proposed landscape along US-301. Provided assistance in the development of exhibits to coordinate selection of view zones with Outdoor Advertising agencies. This project consisted on median and rights-of-way landscape enhancements from Wood Street to Myrtle Street within the City of Sarasota.

Landscape Architect, - Tampa Airport Interchange, FDOT District 7, Tampa, Florida (2008-2009): Participated in the complete re-design for landscape and irrigation system as requested by the City of Tampa and FDOT District 7. This included the production of construction documents following FDOT plans preparation, design standards, standard specifications and basis of estimates. Assisted in the production of hand-generated graphics for preliminary landscape design and graphic comparison of the previous and proposed irrigation system. Coordinated pressure tests for almost 9 thousand feet of mainline and assisted on construction progress reports for landscape and irrigation system installation. In addition, Landscape Architect helping with revisions to plans and construction observation tasks performed under post design services.

Landscape Architect, Pinellas Avenue – City of Tarpon Springs, Florida (2009): Assisted on plans update for streetscape along Pinellas Avenue as requested by the City of Tarpon Springs. The streetscape consisted of planter cut-outs for trees and groundcovers as well as decorative paving areas in between roadway and sidewalk. This included the adjustment of an updated cost estimate.

Landscape Architect and Designer, I-95 / I-10 Interchange Landscaping, Jacksonville, Florida (2008-2010): Prepared the development of landscape construction plans, estimates of probable construction costs, attended coordination meetings with client and with Outdoor Advertising agencies, coordinated site visit for soil sample at planting areas for this major interstate interchange modification project for the FDOT District Two. As part of the landscape architecture team performed design tasks for the Stand Alone landscape construction documents project.

Landscape Architect, Homestead Extension of the Florida Turnpike (SR 821), Miami, Florida (2008): Prepared conceptual landscape plans for this \$3 million dollar 9 mile roadway widening project. Plans proposed utilizing Florida native plants that would require minimal maintenance after establishment. Plans also proposed special sound wall panels that would be treated with designs that paid tribute to the Seminole Indian traditions. Services included conceptual design through construction documents.

Senior Landscape Designer, SR 31 and CR 78 Concept Landscape Plans, Charlotte and Lee Counties, Florida (2007-2008): Prepared conceptual plans for this 5.5 mile corridor. Plans focused on view shed protection, careful placement of appropriate Florida native plants, landscape buffers adjacent to the proposed development and connectivity to existing and future trail systems.

Senior Landscape Designer, Red Bug Lake Road, SR 436 FDOT District 5, City of Casselberry, Florida (2007- 2008): Participated in the preparation of conceptual design and production of construction documents under supervision of a licensed/registered landscape architect. Coordinated the process for delineating billboard viewing zones by following the standards set up for outdoor advertisements as established by FDOT. Assisted on the design for hardscape components and coordinated some of the aesthetics for bridges and structures. Plans were prepared in accordance with FDOT plans preparation manuals, design standards, standard specifications and basis of estimates.

Landscape Designer, Project Manager I-275 Links – Stage 2, FDOT District 7, Tampa, Florida (2004- 2006): Participated in the landscape and hardscape design and was responsible under supervision of a licensed / registered landscape architect for the production of construction documents. Plans were prepared in accordance with FDOT plans preparation manuals, design standards, standard specifications and basis of estimates. Tasks also included the production of Electronic Delivery documentation for compliance. Assisted in the preparation of plans and specifications for Maintenance Agreements between the FDOT and the City of Tampa.

Landscape Designer, Interstate-4, From 14th Street to 50th Street, Ybor City Historic District, FDOT District 7, Tampa, Florida (2002- 2006): Participated in the design and was responsible under supervision of a licensed / registered landscape architect for the production of construction documents following FDOT plans preparation, design standards, standard specifications for Road and Bridge Construction and Basis of Estimates. Participated in post-design services for landscape, irrigation and hardscape design and construction observation.

Landscape Designer, Project Manager - SR 60 Links, FDOT District 7, Tampa, Florida (2003-2004): Participated in landscape and hardscape design and was responsible under supervision of a licensed / registered landscape architect for the production of construction documents following FDOT plans preparation, design standards, standard specifications and basis of estimates. Responsible for producing hand-generated graphics and presentation boards for DRC and public meetings.

Landscape Designer, I-4 Downtown Tampa Interchange, FDOT District 7, Tampa, Florida (2005- 2006): Participated in post design services under supervision of a licensed / registered landscape architect for landscape, irrigation and hardscape design and construction observation. This project won the Award of Excellence at the 2007 Community Design Awards sponsored by The Planning Commission of Tampa-Hillsborough County.

Landscape Designer, Project Manager US-27, FDOT District 5, City of Dundee, Florida (2005): Participated in the landscape design and was responsible under supervision under supervision of a licensed / registered landscape architect for the production of construction documents following FDOT plans preparation process including plans preparation manual vol. I & II, design standards, standard specifications for Road and Bridge Construction and Basis of Estimates. Production included landscape and irrigation plans, coordination with permitted billboards for the creation of vegetation management zones.

Landscape Designer Intern, City of Syracuse Gateways Project, New York (2001): Worked as an intern for EDR and SUNY-ESF, Syracuse, NY, in coordination with the New York State DOT. The intent of the Gateways Project was to provide landscaping enhancements on specific locations of city line along Interstate 81 Route, in order to allow the city to put its "best foot forward". The idea was that such improvements would help attract tourists and new industry into the city, as well as provide a pleasant driving environment for area residents when entering the city from north or south.

Hardscape / Streetscape

Senior Landscape Designer, Landscape Architect - Railroad Square – Phase I and II, New Port Richey, Florida (2007-2010): Prepared drawings and provided services ranging from conceptual design through construction administration for this streetscape revitalization project in downtown New Port Richey. The design focused on honoring the tradition of the railroad in New Port Richey.

Landscape Architect, East Tampa CRA Strategic Plan, Tampa, Florida (2008): Provided architectural graphics and sketches for the complex of both land use and development analysis as part of the Strategic Action Plan for the East Tampa Community Redevelopment Area (CRA). This was an important tool for determining strategic actions, improvements, and programs to be implemented in order to eliminate evidence of slum and blight and encourage the economic revitalization of the area. The graphics were presented as part of a package for extensive public involvement program designed to solicit public input regarding concerns and issues that the residents and business community want addressed as part of the redevelopment strategy and potential in East Tampa.

Landscape Designer, Trinity Town Center, Trinity, Florida (2007): Prepared drawings and provided services ranging from conceptual design through construction documents under the supervision of a landscape architect. This new retail and office complex is located in an area of fast urban growth. The design focused on providing a design for the main plaza, stage, playground, fountains and sidewalk connections.

Parks and Recreation Facilities

Landscape Architect, The Gernika Mural, an art expression finds its place within a community park, Teusaquillo District, City of Bogota, Colombia (2014): Responsible for providing professional services for site inventory and analysis, historic studies, site diagnosis, conceptualization, landscape architecture design, for selection of a suitable place within a community park for permanent exhibition of the Gernika mural. The City's Institute for Cultural Heritage also hired a restorer of monuments to form a team whose goal was to find the optimal location for a 24' wide x 12' high mosaic-based mural. This task represented a challenge in terms of the visual impact of the mural at this site. The main goal of this challenging project is to use public art to contribute to the process of community place-making. This installation will enhance the urban landscape while providing environmental quality and restoring green space for the community.

Landscape Architect, Julian B. Lane Riverfront Park Master Plan and Hillsborough River Greenway Trail Extension Feasibility Study, Tampa, Florida (2009-2010): Participated in development of the park master plan to renovate this existing waterfront park near downtown Tampa. The contract with the City of Tampa Parks and Recreation Department also calls for preparation of a feasibility study to extend the Hillsborough River Greenway trail along the western shore of the river, adjacent to Tampa Preparatory School to the Cass Street Bridge. Other project requirements include preparation of illustrations, sketches and renderings to be used during presentations at public meetings and interviews with stakeholders. Deliverables included preparing a preliminary and final master plan with recommendations and opinion of probable construction costs for master plan implementation.

Landscape Designer, Amelia Earhart Park, Miami, Florida (2008): Prepared conceptual plans, provided graphics for various alternatives for development. The Park was a former airfield in the northeast part of Miami. Initially, park amenities and facilities were limited at the +130 acre park and included sports fields, a farm village, dog park, sailing programs for children in the lake, mountain biking, and a maintenance area. Project activities include planning, design and engineering services in order to refine and implement a master park plan that was initially developed by Miami-Dade County Parks and Recreation Department. Challenges include the development of water-based activities on and near the lake, site access, as well as removal of exotic plant species. Phase II design development includes modifying areas for programmed activities, ensuring adequate parking, traffic circulation internal to the park, pedestrian movements within the park, and protecting existing natural resources.

Landscape Designer (Intern), Castle and State Street Park, City of Syracuse, New York (2001): Worked for the City of Syracuse- Parks and Recreation Department on conceptual diagrams, renderings, presentations, design development and construction documents for the re-design of a new and expanded green space in a residential neighborhood. Some of the goals were the cultural and recreational stimulation of the area, remembering and honoring Libba Cotten's legacy and improving the quality of life for neighborhoods and users.

Architect – Independent Consultant, Analysis, Inventory, Design and Cost Analysis of 10 Urban Parks in Bogota, Colombia (1998- 1999): Responsible for providing design services for improvements on hardscape and landscape for various sizes of public urban parks. Construction documents were developed by incorporating standard details supplied by the department. Services were provided as an independent consultant for the Parks and Recreation Department.

Architect – Independent Consultant, Landscape Architecture Design, Community Participation, Green Spaces, Parks and Traffic Medians, Botanical Garden, Bogota, Colombia (1999): Responsible for providing design services for landscape improvements for various sizes of public green spaces. Public involvement was a critical part of the design process as requested by the Botanical Garden for design input as well as for effectively communicating the proposed improvements to the end-users. Services were provided as an independent consultant for the Botanical Garden.

Architect Designer, “Parque Distrital El Tunal”, Department of Parks and Recreation, Bogota, Colombia (1995-1998): Participated as a team member in the design and the production of construction documents for landscape and hardscape for a metropolitan park located in the South of Bogotá, this park can benefit more than two million inhabitants on the most populated zones of the Capital City where there is a lack of spaces for recreation and culture. Close to 80,000 visitors use this park in a weekend. The proposal was oriented to: the creation of opportunities to the development of cultural, social, political and economic potentials, by means of a physical and social environment that supports those initiatives. Also, the calling for community cooperation in order to develop feelings of belonging and citizenship and the provision of self-sufficient park with low-cost services infrastructure using ecological tools and

permanent maintenance. Another important component was the creation of a recreation model with varieties and alternatives of development through the time.

Commercial / Mixed-Use Development

Landscape Designer, Trinity Town Center, Pasco County, Florida (2006-2007): Prepared concept plans and construction documents for the proposed hardscape for the main plaza, stage, roundabout fountain as well as streetscape for retail services.

Landscape Designer, Project Manager, Wendy's Restaurants (2001 – 2006): Participated on the design for landscape and irrigation for various Wendy's restaurants in Hillsborough, Pinellas, Charlotte, Sarasota and Orange County. Prepared permitting plans and produced construction documents. Appropriate plant material was selected in order to match the colors of the building and to provide a pleasant buying experience for the customers.

Landscape Designer, Project Manager, MacDonald's Gulf to Bay (2005): Participated in the design for landscape and irrigation. Responsible for the preparation of permitting plans as well as construction documents. Appropriate plant material was selected in order to match the colors of the building and to provide a pleasant buying experience for the customers.

Landscape Designer, Project Manager, Mercantile Bank – Kennedy Blvd and Howard Ave. – Tampa, Florida (2005): Participated in the design for landscape and irrigation. Responsible for the preparation of permitting plans as well as construction documents. This was landscape renovation which included the enhancement of the parking lot and views to the building from the street. Transplanting and relocation of the existing palm trees were crucial in the adoption of the new landscape.

Landscape Designer, Project Manager, Land and Sea Market – Tampa, Florida (2006): Participated in the landscape and irrigation design. Responsible for the preparation of permitting plans as well as construction documents. Coordinated and prepared a set of bid documents. This was landscape renovation which included the enhancement of the parking lot and views to the building from the street. Transplanting and relocation of the existing trees allowed for view openings and new landscape areas.

Institutional / Governmental

Landscape Designer, Project Manager, School Board of Hillsborough County. (2003 – 2007): Participated on the design for landscape and irrigation for various Elementary, Middle and High Schools in Hillsborough County. Construction administration for some of these schools was provided which included site visits and construction status reports. High Schools: 'CCC', 'DDD', 'RRR' and Countryside; Elementary Schools: Walker, 'X', Highpoint and Summerfield Crossing; Intermediate Schools: Lealman; Colleges: SPC Allstate Property.

Industrial / Residential

Architect Designer, OXY Petroleum Company, Cano Limon, Arauca, Colombia (1992): This project proposes the renewal of recreational sites belonging to the residential area close to an oil exploitation sector in eastern Colombia. The design was completed in February of 1992. The purpose was to integrate different activities by congregating places and facilities, such as a plaza, gymnasium, swimming pool and several sport fields. The criteria for design of the gymnasium – which was my contribution to this project – ranged from the use of suitable materials to the circulation and views as related to the building's function, to – above all – the recreation of the building to its surroundings. The treatment of the ground plane and location of vegetation are important to the accomplishment of transitional spaces. As a result, a vital part of the project has been landscape design.

Architect Designer, Zona Franca de Bogota, Colombia (1994): Participated in the landscape and hardscape design. The industrial Zona Franca of goods and services is located in Fontibon, 2 Km from the international airport in the industrial area of the capital. It has an area of 964.000 M2. From it, 25% is destined to green zones, sport facilities, and recreational areas for workers. In the future there is a plan for building a metropolitan park to preserve the ecosystem. Also assisted from the beginning of the project in the environmental studies made before the development of the terrain. The Landscape Design was based on typical roads, visual focal points, green areas, perimeter security ring with a natural barrier, etc., with vegetation suitable for this part of the city.

Urban Development

Architect Designer, “Ciudad Salitre”- Bogota, Colombia (1994 - 1997): Assisted on landscape design and construction observation and inspection. “Ciudad Salitre” is located in the center of the metropolitan area of the Capital City, Bogotá, and it has 650 acres of extension. It represents the most important urban development in Colombia history providing services of a very balanced city: housing, businesses, hotels and commercial, health and educational centers. The urban space is based on the street-corridor as an element able to respond to the modern city and incorporating the avenue and the boulevard (designed following the park-way pattern) as functional and environmental elements.

The block as a basic unit, the neighborhood as a group and the street as public space organizer are essential urban elements. Participated as a team member for Grupo Verde Ltda, landscape architects, for the creation of a Green Master Plan. Proposed elements were an environmental perimeter, foliage road and gateways as landmarks. Chromatic management of the vegetation was an important component of the proposed landscape for park avenues and borders.

Single Family Residential

Landscape Designer, Project Manager - Dominguez Residence- Egypt Lake, Tampa, Florida (2002 – 2004): Participated on the design and construction administration for landscape and irrigation as well as hardscape design for all outdoor amenities. Coordinated bid documentations and worked closely with the general contractor for construction.

Landscape Designer, Project Manager – Franzblau Residence – Tampa, Florida (2006): Participated on the design and construction administration for landscape and irrigation as well as hardscape design for all outdoor amenities. Coordinated bid documentations.

Landscape Designer, Project Manager – Simpson Residence – Temple Terrace, Florida (2006): Participated on the design and construction administration for landscape and irrigation as well as hardscape design for all outdoor amenities.

Community Design – Public Involvement

Senior Landscape and Architect Designer, Brandon Advantage Center, Brandon, Florida (November 2007 - Present): Assisted on the analysis of the programming needs, associated facility size, site requirements, operational partnerships and probable costs for development of a Community Center to serve the Greater Brandon area. Prepared Site Planning and Architectural Design concepts for this facility to address community, educational and cultural space needs as well as a Special Needs Hurricane shelter.

Landscape Designer (Intern), Vacant Land Study, Syracuse, New York (2001): Produced the design of community gardens for one of three areas selected by the study group for detailed design. Participated in the coordination of meetings with the City of Syracuse, Department of Community Development and SUNY-ESF Faculty of Landscape Architecture. The design was focused on the area located in the Southwest Community and referred to as the Southwest

Community Center Cooperative. The study area is anchored by two institutions, the PEACE, Inc. Head Start Pre-School and the Southwest Community Center. The design calls for two school-related gardens, one adjacent to the play space at the south end of the school and one in a vacant lot three parcels north of the school. These gardens are connected by a tree-lined path. Adjacent to the Southwest Community center, the design calls for an orchard, an herb garden, a vegetable garden, a large green house, a new playground and an eating area. One block to the east the design centers on an existing desire path and calls for two small orchards, a flower garden and three greenhouses, including two small ones for seed propagation and experimental work. Finally, on the eastern-most block, the design calls for a water garden that might be used to grow crops that require a high water table or might simply serve as a community pleasure garden next to the plaza and overlook on Onondaga Creek. This design gives a new and higher profile to the Southwest Community Center s a generator and steward of neighborhood activity and as a gatherer of the neighborhood's citizens. The four greenhouses will be interesting additions to the neighborhood architectural vocabulary and allow for agricultural and horticultural activity to take place on a year-round basis. The gardens would be evidence of an aesthetically vibrant working landscape.

Peer Review of Consultant's Plans

Landscape Plans Reviewer Assistant, US Army Corps of Engineers, New Orleans District, Orleans Parish, LA (2009): Participated on reviewing of consultant's landscape and urban design plans (Preliminary Drawings) for South Claiborne Avenue and Napoleon Avenue Landscape Improvements, Orleans Parish, LA. Provided peer review services to District 5 of the Florida Department of Transportation on an as-needed basis for the review and comment of landscape improvement plans along District roadways. Reviewed the site plans (including billboard placement and view zones), plant quantities and cost estimate, maintenance schedule, erosion control plan and maintenance of traffic for consistency with the Plans Prep Manual as well as suitability to the project site. Generated comments for each project phase for discussion with lead reviewer and in order for him to coordinate with the Consultant on a variety of issues.

Landscape, Hardscape and Irrigation Plans Reviewer Assistant, FDOT District Five, Peer Review for Central Florida Commuter Rail, Osceola/Orange/Volusia County, Florida (2008-2010): Assisted on providing peer review services to District 5 of the Florida Department of Transportation to review the site plan, signage and way finding plan and details, hardscape plan and details and the landscape plan and details for twelve stations along an existing CSX freight line. Reviewed the plan based upon previous knowledge of the plan area from being a Central Florida resident for 10+ years and working on the initial land use plan for the project. Generated comments based on the Plans Prep Manual, site-specific information included in each plan set, and made recommendations on the landscape plan/details and way finding plan/details.

Landscape Plans Reviewer Assistant, FDOT District Five General Engineering Consultant, Volusia County, Florida (2007-2008): Participated on reviewing of consultant's landscape, irrigation and urban design plans for numerous District Five interstate and state road improvements as the General Engineering Consultant for FDOT. Assisted on providing peer review services to District 5 of the Florida Department of Transportation on an as-needed basis for the review and comment of landscape improvement plans along District roadways. Reviewed the site plans (including billboard placement and view zones), plant quantities and cost estimate, maintenance schedule, erosion control plan and maintenance of traffic for consistency with the Plans Prep Manual as well as suitability to the project site. Generated comments for each project phase for discussion with lead reviewer and in order for him to coordinate with the District Landscape Architect on a variety of issues.

ISA Certified Arborist / Arboriculture Consulting

Certified Arborist / Landscape Architect, Roseland Park Subdivision Drainage Improvements, Plant City, Florida (2009): Responsible for providing a Technical Report for Tree Evaluation to the URS Project Manager who coordinated with the City of Plant City all permitting requirements for this project. Described in general terms the existing conditions of trees and potential tree preservation issues when developing drainage improvements for the subject 6.15 acre property. The report also addressed the potential effect and levels of disturbance to existing trees and the potential ways to mitigate the impacts to trees in the implementation of drainage improvements.

Contact Information

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