

# Beyond the Blue Recycling Bin

Gila C. Dorostkar, DDS  
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# Reasons I Chose Green

- 💧 Personal
- 💧 Eco-friendly Bay Area
- 💧 Appreciative patient base
- 💧 Healthier work environment
- 💧 Business and marketing opportunities



# Our Approach

## DESIGN

- 💧 BUILD in a way that minimizes our environmental impact including LEED certification

## OPERATIONAL

- 💧 PRACTICE in an environmentally conscious way

# LEED Certification



- ◆ Leadership in Environmental and Energy Design (LEED)
- ◆ Point-based system identifies strategies to maximize environmental metrics
- ◆ Clear, measurable goals for green certification and third-party verification
- ◆ Different levels of achievement – Platinum, Gold, Basic
- ◆ Sponsored by the United States Green Building Council (USGBC)

# Team Involved

- 💧 Decided to incorporate LEED at the beginning of the project
- 💧 Hired a professional consultant to oversee the LEED certification process
- 💧 Architect, Contractor, and Designer had NO prior experience in LEED projects





# Design Features to Earn LEED Certification

- 💧 Natural lighting and glass
- 💧 Water conservation
- 💧 Automatic sensors for light, water, and HVAC
- 💧 Renewable and locally sourced building materials
- 💧 Low VOC adhesives for carpet and wall covering



# Design Features to Earn LEED Certification

- 💧 Recycled materials
- 💧 Two independent temperature zones
- 💧 Passive cooling system for IT media cabinet
- 💧 Proximity to local transit system and space for bike racks
- 💧 Energy Star certified equipment







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# Costs

- 💧 Estimated \$40 - 50,000 additional cost to our budget
- 💧 Majority of the costs were consulting fees and registration/additional documentation fees
- 💧 You can still incorporate green design features without LEED certification. Costs will not be as high.

# Operational Features

- 💧 Electronic patient records
- 💧 Digital radiography
- 💧 Germicidal hand sanitizer
- 💧 Hand dryer in the bathroom
- 💧 Drinking fountains
- 💧 Recycled/green upholstery for reception area furniture



# Operational Features

- 💧 Washable uniforms
- 💧 Hybrid washer/dryer
- 💧 LED monitors
- 💧 Eco friendly cleaning products, green-certified janitorial service
- 💧 Distilled water generator
- 💧 Amalgam separator





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# Business Benefits to a Green Practice

- 💧 Conserving resources
- 💧 Minimizing waste
- 💧 Run a more efficient practice with a paperless office
- 💧 Reinforces our image as a modern, cutting edge practice
- 💧 Marketing to an appreciative community

# Marketing Opportunities

- 1<sup>st</sup> privately funded private pediatric dental practice in the USA to obtain LEED certification
- Exposure in local and national media
- Strong support from the community and our patients
- Beautiful office design can still be green







Gila C. Dorostkar, DDS  
(415) 461-0414  
[DrGila@DrDorostkar.com](mailto:DrGila@DrDorostkar.com)