

COLE PARK VETERINARY HOSPITAL

DESIGN NARRATIVE

18 December 2008

Our Architecture Firm is committed to producing genuinely "green" design. This means providing building designs that subscribe to the precepts espoused by the U S Green Building Council's Leadership in Energy and Environments Design. We have three LEED Accredited Professionals on staff and others are studying accreditation.

Regardless of the building budget we believe we can provide projects that are true to the intent of the LEED Program. Toward this end we are proposing the following "green and sustainable" design elements for the above referenced project:

- + The materials used to construct the building are all rapidly renewable resources (wood and wood byproducts), materials with recycled content, or cementitious materials.
- + The coatings (paints, stains, or sealants) will have low or no VOCs (volatile organic compounds).
- + The roof membrane is Energy Star EPA rated for high reflectivity (not a "heat sink").
- + The insulating values of the shell will exceed the ASHRAE 90.1 2004 Standards by at least 30%.
- + All occupied rooms within the building will have daylighting and most will also have views.
- + Although the HVAC System is direct expansion, for economy, it will have the highest SEER (efficiency) rating and will also have the Energy Star EPA rating.
- + Landscaping will be Xeriscaped, meaning that, once it is established, irrigation will not be required (LEED recognizes that all landscaping must have irrigation to get the roots established).
- + Paved areas will be shaded to reduce the heat island effect.



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