LEARNING FROM OUR NATURAL SURROUNDINGS

If you are involved with a LEED project, one common criticism is that a high level LEED certified building “doesn’t look any different”. You must use creativity to profile the smart decisions made to respect the environment. Throughout SCA, artwork by Annette Mortier, a Belgian photographer, is profiled creating a more visual connection between the mission of SCA and the natural environment.

ESTABLISHING A SUSTAINABLE LIFESTYLE

When SCA sought to create a new home for its American Business Group, it wanted a beautiful space for its staff. However, beauty today is much more than skin deep. Looking great while performing well became a priority for every material used in the SCA space. In the 21st Century, environmental performance, durability, quality, and appearance can be integrated very successfully.

EWINGCOLE - DESIGNING WITH SUSTAINABILITY AS A PRIORITY

EwingCole, a large architecture, engineering, interior design, and planning firm with 5 offices nationwide, integrates sustainable design as an element of quality for all of its clients. Understanding the right decisions that need to be made, to ensure responsible facilities growth, EwingCole pushes the envelope to encourage respect for the environment through smart facilities growth and development. At SCA, high quality interior design and engineering was coupled with green design strategies to create an enjoyable workplace environment.

SCA’S PROACTIVE FORESTRY MANAGEMENT

SCA manages 2.6 million hectares of forestland throughout the world (New Jersey is 2.9 million hectares in size). As a landowner of these forests, SCA understands the importance of responsible resource management. To create its “essentials for everyday life” product base, it works to solve challenging problems responsibly. In November 2005, the World Wildlife Fund published a study evaluating environmental performance proving SCA Tissues scored better than any other of the five leading European tissue manufacturers. SCA is a leader in its industry in environmental performance.

GREEN DESIGN IS GREAT BUSINESS

Whether our design efforts include graphic design, product design, or new facilities design, great business fully explores ways to limit environmental impact and conserve resources in the design, development, and implementation of quality results. Business always requires designing cost effectively within a timeline. In the 21st century, great business includes smart environmental decisions that respect, celebrate, and protect our limited natural resources. Studies in the green building industry demonstrate that the increased first cost for high-performance green design averages around 2% additional construction cost. However, payback on that up-charge can often be five years or less. Return on that initial investment quickly turns into profit on a long-term facility.

ABOUT THE TOURS

A LEED project’s success evolves when all project team members, from owner to general contractor, architect, engineer, and sub-contractor, work together towards a common level of environmental achievement. With that in mind, key individuals who contributed to the project’s success will lead the tours.

SCA AMERICAS

SCA Americas is the headquarters office for the Americas division of SCA. SCA is an international paper company that produces absorbent hygiene products, packaging solutions, and publication papers. SCA has more than 53,000 employees in approximately 50 countries. Over 7,200 employees are in North and South America. In the Philadelphia region, SCA currently employs almost 200 people. SCA was classified as one of the “Global 100 Most Sustainable Corporations in the World”, in a survey compiled by Innovest in 2005.

US GREEN BUILDING COUNCIL LEED FOR COMMERCIAL INTERIORS RATING SYSTEM

The USGBC Leadership in Energy and Environmental Design Rating System for Commercial Interiors provides a set of performance standards for certifying tenant projects. The intent of LEED-CI is to assist in the creation of high performance, healthful, durable, affordable, and environmentally sound commercial interiors. SCA Americas, owner occupied in January 2006, received a LEED-CI Gold certification in April 2006.

SCA Office Artwork

A culture of growth. An environment of respect.

SCA Office Steeepcase

MOHAWK wind power

Printed on Mohawk 100% post consumer recycled paper, manufactured with non-polluting renewable wind energy.

SCA Office Artwork

SCA Office Artwork

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DESIGN OVERVIEW

The SCA Americas Headquarters’ design concept emerged from SCA’s mission: “to provide essential products that improve the quality of everyday life.” These elements were woven into the sequence of transition from entrance lobby into the three-floor circular staircase connecting spaces beyond.

- **Natural Elements - Light, Earth, and Water:** These three elements of the natural environment became the focal points of the SCA interior architecture.
- **Employee Inclusiveness:** One-on-one interaction, teamwork, and employee inclusiveness are essential in business. From the elliptical three-story connecting staircase to the fragmented elliptical colored walls of each floor’s public spaces, a consistent theme, represented by the ellipse, became an important symbol of that inclusiveness.
- **Sustainable Design Responsibility:** From the start, SCA, the design team, and the construction team worked diligently to be respectful of the natural environment. ALL were challenged to integrate environmental strategy into every key design and construction decision for the project.

As SCA continues to grow, its space demonstrates leadership in a space that breathes confidence, sustainability, profitability, community involvement, and interaction.

**LEED-CI GOLD STRATEGIES: 33 Total Achieved Credits**

**SUSTAINABLE SITES**

- **or1** Cira Centre - Brownfield Redevelopment, Heat Island Effect - Roof, Light Pollution Reduction, Water Use Reduction
- **or2** Development Density and Community Connectivity
- **or3** Alternative Transportation

**WATER EFFICIENCY**

- **or1** Water Use Reduction

**ENERGY & ATMOSPHERE**

- **or1** Optimizes Energy Performance
- **or2** Energy Use, Measurement and Payment Accountability
- **or4** Green Power

**INDOOR ENVIRONMENTAL QUALITY**

- **or3** Construction Indoor Air Quality Management Plan
- **or4** Low Emitting Materials
- **or6** Controllability of Systems
- **or8** Daylight and Views

**INNOVATION & DESIGN PROCESS**

- **or1** Innovation in Design - Public Education, Regional Materials, Green Power, Transportation Management Plan
- **or2** LEED Accredited Professional

**MATERIALS & RESOURCES**

- **or1** Tenant Space - Long Term Commitment
- **or2** Construction Waste Management
- **or4** Recycled Content
- **or5** Regional Materials

**PROJECT TEAM**

**GENERAL CONTRACTOR:** Turner Construction
1835 Market Street
21st Floor
Philadelphia, PA 19103

**OWNER’S REPRESENTATIVE:** Remington Group, Inc.
351 East Conestoga Road
Wayne, PA 19087-2508

**USGBC LEED-CI STATISTICS:**
Registered: LEED-CI Pilot Program, September 2004
Owner Occupancy: January 2006
LEED-CI v2.0 Certification Level: Gold, April 2006