

DPR CONSTRUCTION

# SHOWCASE-WORTHY SUSTAINABILITY

DPR promotes and exemplifies quality sustainable construction. When they relocated the Newport Beach office, DPR invited Callison to visualize their high performance office workspace. The interior design concept was to exhibit top-notch sustainability standards, user-friendly technology and a focus on a collaborative work environment. Now the showcase-worthy workspace surpasses the original energy saving milestone and expresses the company's brand. When clients visit the office, they can see firsthand DPR's commitment to sustainable strategies.

#### CLIENT

DPR Construction

#### LOCATION

Newport Beach, California

#### CLIMATE

Dry-Summer Subtropical

#### SPECIFICATIONS

Interior Area: 16,270 SF

#### SUSTAINABLE DESIGN STRATEGIES

Energy Efficient

Passive Airflow

Natural Daylighting

Expansive green roofs and green walls

Rainwater harvesting

Water reuse

On-site waste collection and treatment

Energy-use tracking

#### LEED CERTIFICATION

LEED Commercial Interiors Gold

#### BUILDING IS ENERGY STAR CERTIFIED





**FUNCTIONAL DESIGN PROMOTES PASSIVE AIRFLOW**

Upon arriving in the company's reception area, staff and visitors choose from two hallway paths to reach conference rooms or workspaces. These hallways also funnel in outside air from the main entrance and opened front windows.

**SUSTAINABILITY GOAL = A HEALTHIER WORK ENVIRONMENT**  
 Harnessing natural airflow through a workspace is an achievable sustainability concept from strategic design. Natural ventilation is also an added value for this company located in a mild climate region. The results: 1. Less energy dependency for ventilating a healthier office environment, and 2. Elevating the venue experience.

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### REUSE OF ORIGINAL STRUCTURAL AND LIGHTING ELEMENTS



#### CROSS VENTILATION AND NATURAL LIGHT

This opposite view of one hallway shows how the central pivot doors allow for cross ventilation and how outside air can flow through open spaces and slatted (porous) dividers. This perspective also exemplifies how natural light supports a small breakout meeting area.

OPEN WORKSPACES



The natural ventilation continues through the open workspaces, where there are overhead HVLS fans and desks with intentional low cubicle walls. The passive airflow “breathes” through the building when windows and doors open on opposite sides of the office.

VISION GLAZING UP TO 12'-0”  
AFF PARTIAL HEIGHT FURNITURE/ CASEWORK OVER 42” AFF

- 40% reduction in lighting and power density
- 70% reduction in HVAC cooling annually
- 59% reduction in energy usage than ASHRAE 90.1-2007
- 40% reduction in water use
- Lucid Building Dashboard – real time tracking of water, gas, and power
- 100% occupant controlled lighting
- 90% of occupants have access to views
- Reclaimed and FSC wood throughout
- Low VOC building material throughout

