

DPR Construction

MidAtlantic Headquarters

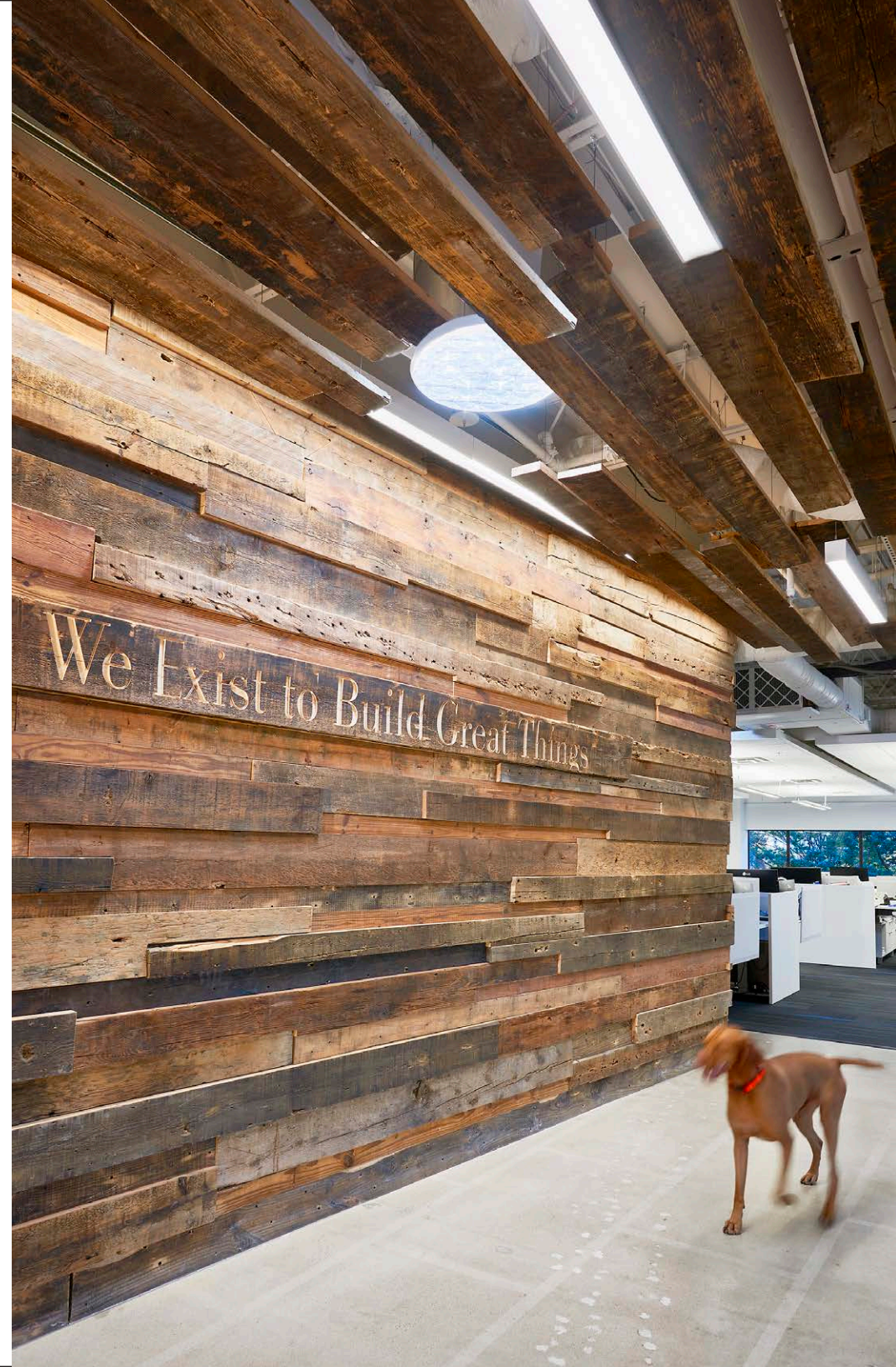
Reston, Virginia

Project Category: Interior Architecture

The design of DPR's new MidAtlantic Headquarters transformed a long-vacant, seemingly obsolete building to reflect DPR Construction's unique, vibrant culture. Targeting NetZero Energy and LEED Platinum certifications, this project is an important demonstration by the client and design team to the region that high performance can be achieved in any situation with the right attitude towards planning and innovation.

This 20,000 sf Headquarters is primarily a public-facing, client and education engagement facility with space for DPR's operations support staff. The existing structure was modified to improve glazing and exterior wall assemblies that radically transform energy consumption. Daylighting was modeled to guide the placement of solatubes in core areas remote from windows, and the roof was renovated to support a full PV array.

The design team created a flexible, open environment inspired by DPR's mission statement **"We Exist to Build Great Things"** that accommodates the daily needs of staff and visitor events. The nature of construction, ingenuity, and energetic social engagement is celebrated by a wide range of materials and creative intersections including formed, cast, found, and improvised design concepts. Reclaimed wood from industrial buildings on Maryland's Eastern Shore wrap the core of the space, exposed structure creates a greater sense of height, and color enlivens and expands spatial perceptions. Wayfinding is clearly defined by overhead solatube daylighting, distant vistas, and raw concrete floors. A dance-ready wine bar, consistent with DPR's warm and inviting culture in every one of their offices, is a constant reminder that this is a space for people.





The entryway features a canopy constructed of reclaimed, locally-sourced wood. Lighting creates a warm, inviting welcome indicative of the firm's culture.

Building before renovation



The design of DPR's new MidAtlantic Headquarters transformed a seemingly obsolete building to reflect DPR Construction's vibrant culture. Rather than building new, DPR chose to renovate a Class-C, 20,000 sf office which had been vacant for more than seven years.



The openness of the reception area allows for flexibility to accommodate a large volume of traffic during many of DPR's customer engagement events.



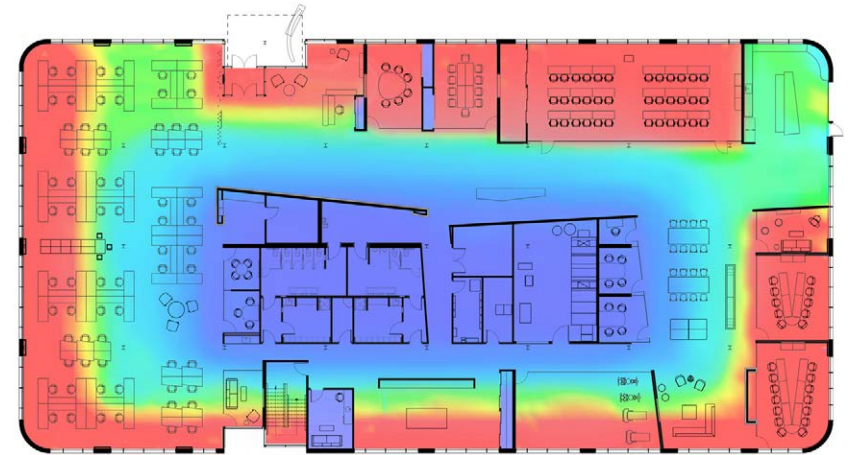
DPR's mission statement is memorialized on the wall behind the custom-designed wine bar. In keeping with the culture that DPR is known for, social and collaboration spaces are plentiful.



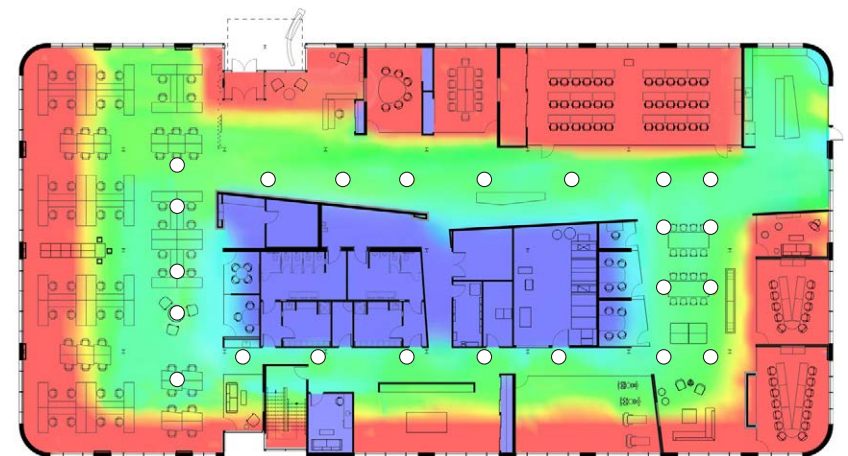
The floor plan is clearly zoned into simple social, working, and supporting roles—with an emphasis on group work and hospitality.



In order to allow daylight to reach the internal spaces, twenty-two solatubes installed along the interior circulation maximize natural light and reinforce wayfinding.



Daylighting study without Solatubes



Daylighting study with Solatubes





In the pantry, an existing garage door opens to a patio beyond. A large stoplight alerts staff when outdoor environmental conditions are amenable to open this door without impacting the performance of the building and systems within. Bicycles are available for staff to take nearby to the Capital Crescent Trail.



Existing perimeter windows limited the amount of daylight reaching internal spaces. Twenty-two solatubes installed along the interior circulation maximize natural light.



Bright colors bring an energetic quality to the huddle room spaces. The huddle rooms are set up as a living lab in order to test various furniture, fixtures and products. This allows DPR to give advice to clients from personal experience.



The main mechanical room at DPR Construction's new Headquarters project, targeting net-zero energy, displaying color coded piping for the 6-pipe, heat recovery chiller, the building hot water system with electric boiler and the solar hot water systems for domestic use.