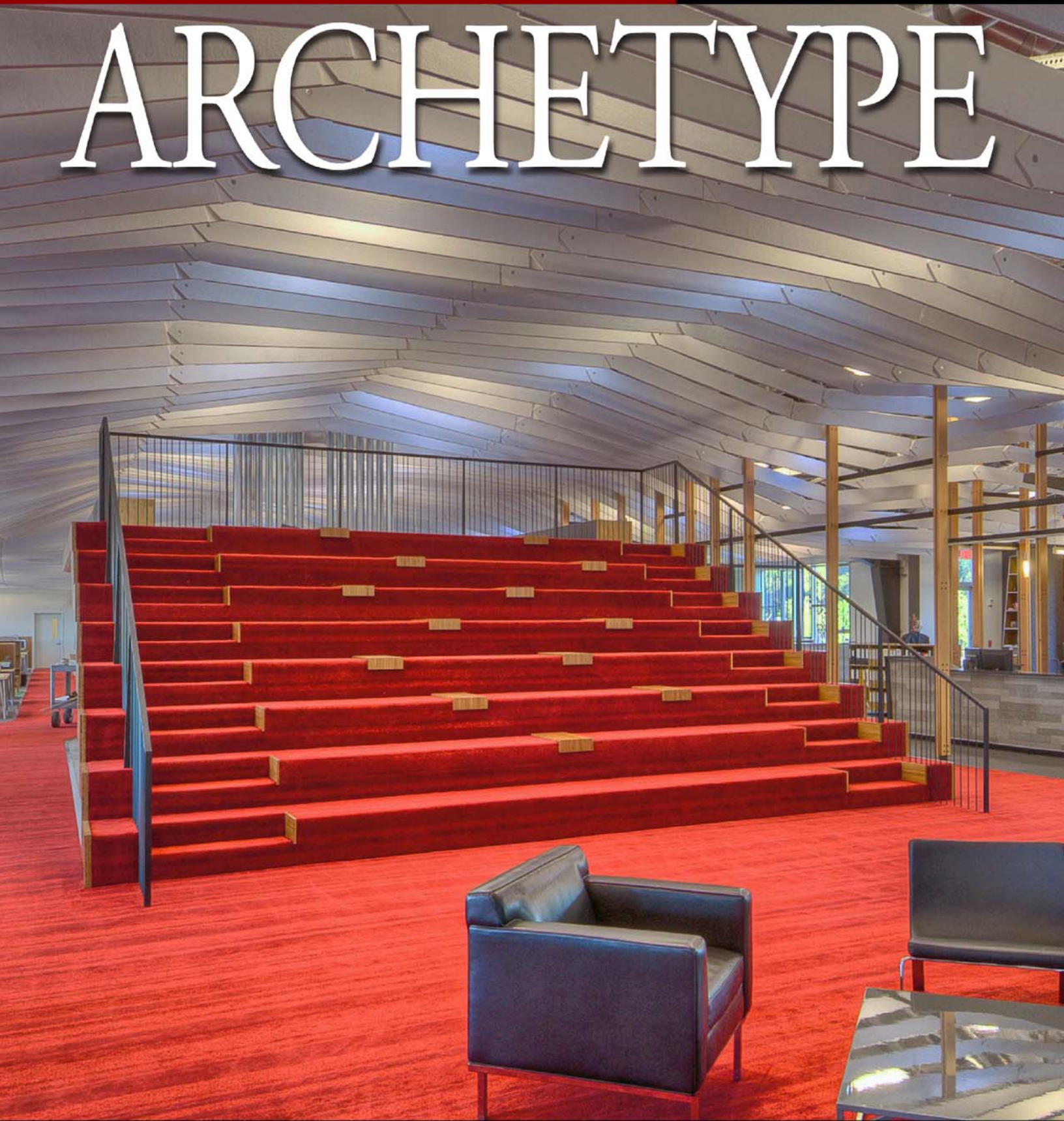


# ARCHETYPE



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# Best of the Best 2012

## Bernard B. Barber Jr. Award for Excellence

The Woodwork Institute's most prestigious award, the Bernard B. Barber Jr. Award for Excellence is given to examples of outstanding architectural millwork. The award is named in honor of Mr. Bernard Barber, who has dedicated more than 40 years to the Woodwork Institute. Since the first Bernard B. Barber Jr. Award for Excellence was presented in 1965, more than 100 projects have received this recognition.

Bernard B. Barber Jr. Award for Excellence nominees may be submitted by any design professional or Woodwork Institute member who was contractually tied to the project. Specifications must require Certified or Monitored Compliance to be eligible. In 2012, the top honors went to Dennis Reeves, Inc. for their work on the Claremont University Consortium Administrative Campus Center in Claremont, CA.

### Claremont University Consortium

#### JOB DESCRIPTION

The Consortium consolidates the majority of CUC departments and services, previously dispersed across campus, into a single location.

#### SPECIAL CONSIDERATIONS

The project includes a 740-foot long cedar screen, 1,564 baffles creating the "cloud" ceiling, digital garden, and field of 168 solar chimneys that provide natural light throughout the space. The architect used a variety of materials throughout the building: 1x3 Western Red Cedar at the main entrance/Cafe, Walnut in the board room, Bamboo and 2x6 Douglas Fir throughout with ceiling baffles constructed of fire rated 3/4" MDF and PET felt (made from recycled bottles) on both sides 9" wide x 108" long, that's almost 5-1/2 miles of felt 9" wide. The ends are notched and drilled, when fastened together this created a hinge point that allowed each baffle to be hung at a different height. The baffles are hung from seismic wire installed by a ceiling contractor. The colors on the baffles are created from different light sources between the artificial bay lighting and natural lighting from the skylights. The ceiling color changes throughout the day depending on sun location, cloud cover, etc. As clouds move over the sun, the ceiling changes with it. It deploys a series of intertwined, materially-rich, tactical elements that transform the space.

#### ARCHITECT

LTL Architects

#### GENERAL CONTRACTOR

Claremont University Consortium

#### MILLWORK FABRICATOR

Dennis Reeves, Inc.



## Bernard B. Barber Jr. Award



As you walk into the main entrance, you see the Registration Counter. The front counter and wall paneling are Western Red Cedar with 60 sheen clear lacquer finish. The design between the monitors is 1x3 cedar slats on edge with mirrored back. The back side of the registration counter is Bamboo. The dropped section of granite top on the left of the picture is 18" high, it originates from outside creating exterior bench seating that flows into the building.

This new Administrative Campus Center for the Claremont University Consortium (CUC) consolidates the majority of CUC departments and services, previously dispersed and fragmented across the campus, into a single location. The adaptive reuse of an under utilized 42,000-square foot maintenance building provides CUC with an environmentally sensitive and vibrant work area that has a well-defined public character and creates a collective gathering place for both the colleges and the broader community.

The project deploys a series of intertwined, materially rich, tactical elements that transform the existing facility and redefines its public presence. These include a 740-foot long cedar screen, custom ceiling cloud, digital garden, and field of 168 solar chimneys that provide natural light throughout the space.

While a major aspect of the project's sustainable strategy is to retain and reuse the existing prefabricated steel shed, its utilitarian exterior was neither inviting nor appropriate for the new use. To redefine the building's character, a continuous cedar surface wraps portions of its north, east, and south elevations.



Kiosk Area —  $\frac{3}{4}$ " Bamboo with random holes throughout. Kiosk monitors are hung from 2x6 Douglas Fir posts.

The ribbon works with the original pitch-roofed geometry of the building, but slips free of its shell to produce a clearly defined entry point along with a series of outdoor gathering spaces. Moving from exterior to interior, the cedar screen defines the major public circulation and shared facilities. Illuminated at night with embedded LED lights, the cedar ribbon serves as both a way finding device — denoting the building's entry to vehicular and pedestrian traffic—and as a recognizable image for CUC.

Defining both exterior and interior spaces, the cedar ribbon exists in dialogue with the existing building envelope. On the north, the screen is folded to create a shaded patio that takes advantage of the Southern California climate. At the entrance, the ribbon slips into the interior, framing a new reception area and cafe, then continues out to the south patio, where it defines a large multipurpose area protected from the weather by a tensile structure covered with translucent fabric. When passing over windows, the spacing of the cedar panels is increased to allow light in.

In contrast to the open quality of the floor plan, the reflected ceiling plan is intricate and complex. Where the floor is a thin surface, the ceiling is multiple layered thickness, distributing air, light,



electricity and data, while producing optical, acoustic and geometrical effects. Using 168 Solatube® skylights in combination with expanded windows along the perimeter, there is enough natural light to work at all stations without artificial lighting during the day, greatly reducing the building's energy consumption. As the sun sets, a grid of high-efficiency dimmable fluorescent lights slowly turns on,



maintaining a consistent level of illumination. To allow the light to filter into the space, a custom ceiling is composed of nearly 1,500 9-foot long by 8-inch high baffles, that are clad in felt made from recycled plastic bottles. The ceiling unifies the space, forming a sculpted interior cloud across the entire building that obscures the infrastructure and assists with sound mitigation in the open office.

A wide stair emerges from a central spine of red carpet, providing bleacher like seating for large gatherings. Hidden underneath the stairs is an existing electrical room, while vertical electrical conduits and a cactus garden inhabit the space above the stairs.

The interior exploits both the high ceiling and the large spans of the existing steel structure, providing an open

Located in the middle of the building is the coffee/mail area. Three-quarter inch thick Bamboo with 60 sheen clear lacquer was used for the cabinets, ceiling and wall paneling. The ceiling paneling was a challenge matching grain throughout — from the column on the left — wrapping from room to room and down the under side of the stairs on the right side. The upper cabinet runs in the coffee area are built in one unit to allow single vertical dividers. They are fastened to the wall using French cleats as LTL Architects did not want to see any visible fasteners, LED lighting is routed into the bottom of the runs.

## Bernard B. Barber Jr. Award



Our scope of work in the Café area included the banquette seating with granite tops and bases, stainless steel wall paneling, stainless steel cladding on the base cabinets along with the cedar paneling and ceiling baffles.



Close-up of the cedar over windows and banquettes. 1x3's flow from wall to top of banquettes to floor. 15,000-linear feet of Western Red Cedar was used, it took 25,000-pan head stainless steel screws to install.



Our scope of work in the Board Room included the 20'x20' conference table, metal 4-screen monitor stand, walnut beverage bar with granite top and back-splash, walnut entry floor, wall paneling and ceiling paneling. The walnut was finished using a medium walnut stain with 60 sheen clear lacquer; we also finished the door jambs and doors.

office space with custom furniture for over one hundred employees. Containing a range of different size meeting rooms, the building also functions as a shared conference facility for Claremont Colleges. Taking advantage of an existing mechanical mezzanine that broke up the continuity of the interior, the bulk of these conference rooms was consoli-

dated into one central volume inflected by the space's primary circulation routes and surfaced in an interactive LED art installation.

A digital garden installation, produced by the artist Jason Krugman and comprised of over 6,000 LED modules, envelops the central core of meeting rooms. The LEDs are triggered by the motion of

people walking nearby, and subtly shift from green to blue and back to green. Moving through the plane of the installation the LEDs shift from a crisp line, to a surface to a porous thickness.