MONDO®

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SPACES

Nevada
Nevada
Cancer Institute

Missouri
University
of Missouri

Angola
Mbuco Mabele
Stadium

NVCI
Nevada Cancer Institute

The Korte Company

NVCI Nevada Cancer Institute

"NVCI has recruited research investigators from the most prestigious academic programs in the United States and around the world."

The Nevada Cancer Institute (NVCI) is a nonprofit organization in Las Vegas dedicated to cancer research, treatment and education. It is the official cancer institute for the state of Nevada, and it is committed to attaining the National Cancer Institute's comprehensive cancer center designation. NVCI's growing campus comprises a 142,000 square-foot treatment and research facility; a 100,000 square-foot support services building that houses administrative departments, including communications, development, finance, human resources and information technology; and the campus' newest addition, the Ralph and Betty Englestad Cancer Research Building, a 184,000 square-foot facility that opened in October 2009.

Englestad building's 24 state-of-the-art research labs will enable NVCI to pursue its research mission in a high-tech setting, and NVCI has recruited research investigators from the most prestigious academic programs in the United States and around the world.

Designers of the Englestad building faced a design challenge in the configuration of the 5-acre site, approximately 240 feet by 900 feet. The solution was to design a linear form, approximately 115 feet by 400 feet. The design vocabulary of the earlier buildings on campus included precast concrete panels, horizontal ribbon windows and fin walls clad in Italian stone. These forms and materials were reinterpreted to provide a unique solution that complements the other campus buildings.

Laboratories were built on two of the Englestad building's three floors; a grant has been prepared and submitted to complete the remaining third floor and basement with additional labs for a total of up to 40 labs upon final completion.

In addition to laboratory space, each floor includes a series of support spaces, including conference rooms; autoclave rooms for glassware sterilization and biohazard material treatment; cold rooms for procedures such as protein purification and crystallization, and services rooms are used for microscopy, cell culture, and equipment storage and for small procedures. Break rooms and gathering areas encouraging interaction among the researchers are located in a variety of locations throughout the building. Many of these areas have stunning views of the mountains that surround Las Vegas and, of course, the famous Strip!

Each lab includes moveable research benches in the center, fixed counters with wall and base cabinets at the perimeter, eight work stations for researchers, chemical hoods, biological safety cabinets, and scientific equipment including microscopes, refrigerators and incubators.

NVCI chose Mondo Harmoni, a 4-millimeter rubber floor system, for the labs. It is heat welded and has an integral base for sanitary requirements and easy maintenance. The Mondo flooring was designed to provide comfort for individuals who must stand for long periods of time, which is important because many of the institute's researchers work long hours.

NVCI's goal since opening has been to obtain the prestigious designation of a National Cancer Institute comprehensive cancer center. To continue its strategic growth, the institute will house several new research programs in the Engelstad Research Building, including a team devoted to research in lung cancer.

The Korte Company, an integrated design-build general contractor, provided services including architectural design, interior design and complete construction. The project was delivered ahead of schedule and under budget.

The Ralph and Betty Engelstad Cancer Research Building is in the process of attaining United States Green Building Council's LEED Silver designation (Leadership in Environmental and Energy Design) for new construction, version 2.2. This project gained points in a variety of areas, including:

- alternative transportation, including providing preferred parking for low-emitting and fuel-efficient vehicles, and bike racks and shower facilities,
- water efficient landscaping (50 percent reduction),
- exemplary water use reduction (42 percent lower than baseline use),
- fundamental and enhanced commissioning of building energy systems,
- optimization of energy performance (17.5 percent lower than baseline use),
- fundamental and enhanced refrigerant management,
- measurement and verification of building energy consumption,
- construction waste management (diverting 83 percent from landfill to recycling),
- recycled content of materials (over 30 percent use)
- use of local and regional materials (17 percent of building materials)
- use of low-emitting adhesives, sealants, Mondo floor system, paints and coatings,
- innovation in design, with the establishment of a green cleaning program, use of low mercury t-5 lamps, and the use of a LEED-accredited professional.

SURFACE
Harmoni 4 mm

University of Missouri recreation facilities ranked “First in the Nation”

Diane Dahlmann may hail from Chicago, but she definitely has Missouri's famed "show me" trait. Before the University of Missouri was to sign on the dotted line, she wanted to make sure Mizzou’s rec department was getting value for money. That commitment to quality was at the core of the decision to replace the worn-out surface at Stankowski Recreation Field. The turf replacement now complete, Mizzou's rec department has a "show me" story for peers at colleges and universities across the nation.

University of Missouri

Columbia

Mondo Spaces interviewed Ms. Diane Dahlmann, Director of Recreation Services and Facilities

The heavily used field had been a hot issue on campus for the past few years. "The old turf had really worn out two or three years before we had been able to replace it," Ms. Dalhmann explains. "Students were most definitely aware of the condition of the field and in an extraordinary way were very vocal about wanting to replace it with the best commercial artificial turf on the market."

Stankowski Field is strategically located at the very center of Mizzou's Columbia Campus. Students feel a sense of ownership of the field, which stands to reason: It really belongs to them. The field is part of the university's recreational department, rather than the athletics and physical education departments.

From morning well into the night, you can see students out on the field for activities ranging from pick-up soccer games and flag football to Frisbee and hacky sack. It's also a place where students can work off excess energy or simply throw a ball around. Activity on the field gets under way at 5:30 most mornings when ROTC training begins and the lights aren't turned off until 1 am. Attempts to close earlier were met with howls of protests from the students.

It was important for Ms. Dahlmann that students had a voice in the decision of what surface would be used. "We travelled to a number of installations, compared products, brought samples back for our students to look at, and received their input. Of course they made, in my opinion, the obvious choice with the Mondoturf." Installation was completed by the first week of July and everyone is delighted. On a campus of close to 30,000 students, Ms. Dahlmann hasn't heard a single complaint. "Quite honestly, students pay the fees, their rave reviews are all I need." Did the students have environmental concerns? “When you have a product that's called Ecofill®, it speaks to them.

But even more important was that the surface was going to remain cooler than any of the other surfaces with different sorts of infill, so that was a plus as well.” Gone as well, now, are the injuries of playing on a worn out surface and one that didn't drain well.

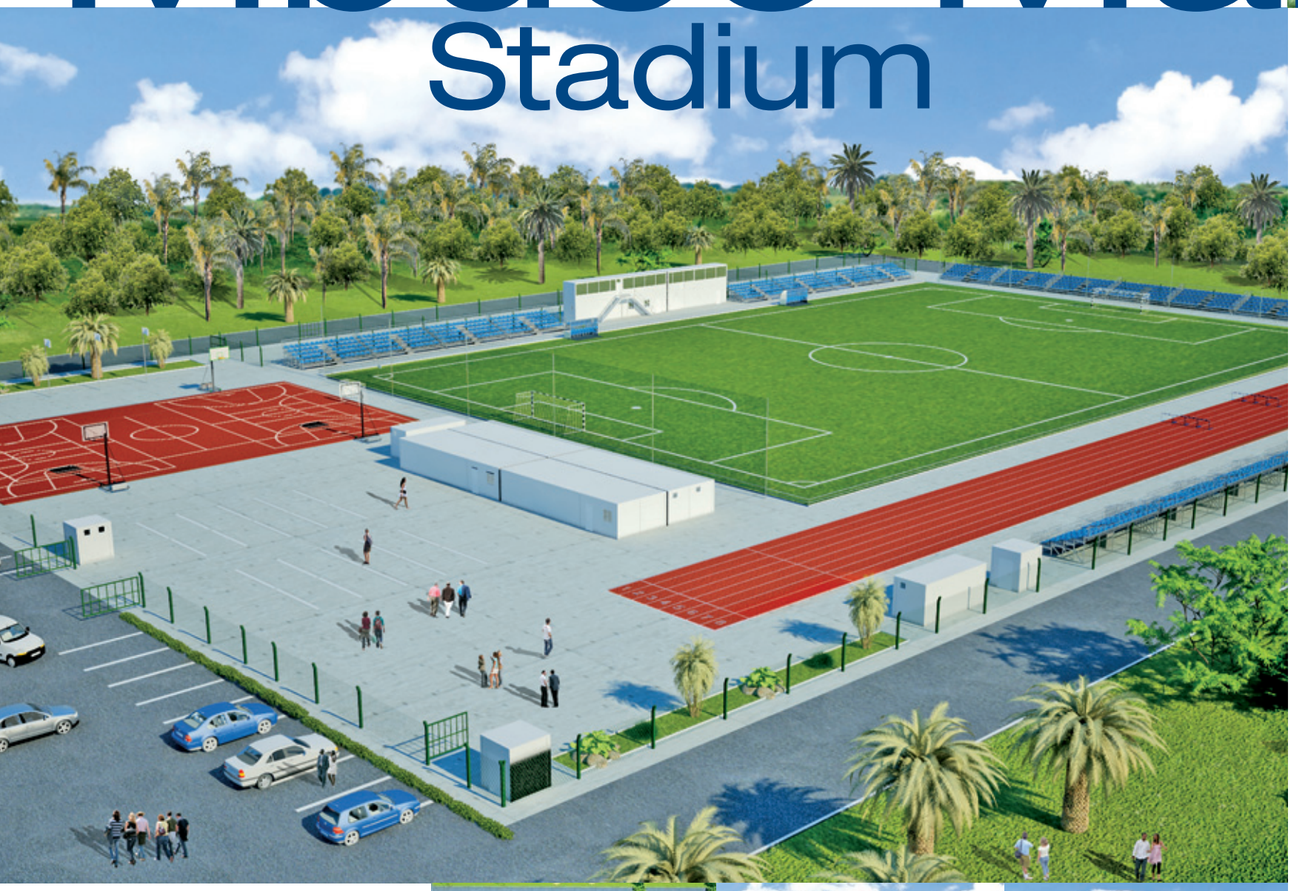
New fields are expensive and other kinds of sceptics were wondering how the team at Mizzou got the job done in hard times. When she took on the job in December of 1997 Stankowski field had just got a new artificial turf. Despite that “I kept pressing the division of student affairs to literally tuck away about 100k a year. I was told 'you don't want to have to do that' and I said: 'No, I really do, I think I have a moral and ethical duty to put the money away'.” Which is what she did at between 100 and 200 thousand a year: “When the time came to replace the old turf we had 1.5 million dollars ready to pay for the project.”

With the field in place and having hosted a range of summer sports camps as well as the Missouri Special Olympics, Ms. Dahlmann is a happy person. “I have the dream job of all campus recreation directors.” You can take her at her word - University of Missouri was ranked “First in the Nation” for its recreation facilities.

SURFACE
Mondoturf MF Ecofill®

Buco-Zau, Angola, Africa
The town of Buco-Zau is home to about 40,000 people, who live in five districts.
Customer: Cabinda Province

Mbuco Mabele Stadium



Project specifications

One 11-a-side artificial turf football pitch
One 8-lane athletic track
One multipurpose outdoor pitch
Prefabricated building used for sanitary facilities
Prefabricated building used for the VIP area, press office and reception room
Prefabricated building used as a bar and technical rooms
Grandstands installed using Mondoseat

The completion of the Municipal Stadium of Buco-Zau was a proud moment for Mondo as the company was faced with what initially appeared to be an impossible mission. Mondo was able to build a stadium in the middle of the Angolan jungle without jeopardizing the quality of the installation. The logistics of delivering materials and the team to the site were accomplished without problems, even though the road infrastructure was not its best. The installation team completed the project while working in conditions where there was limited water supply and facilities.

Aníbal Rocha, Governor of Cabinda Province with responsibility over sporting events in this part of Angola, attended the inaugural ceremony that took place a few months ago. Local authorities are hoping that installations of this level will go a long way to promote sports and train the future champions of Angola in disciplines such as football, handball, basketball, athletics and 5-a-side football.

Mondo's installation team spared no efforts dedicating all their professional skills to the project in responding to the challenge of the Angolan authorities. As a result, Mondo has become more firmly rooted in Angola and consolidates its presence there.

The Governor enthusiastically declared:

The district of Buco-Zau now has a large football stadium with first-rate facilities, thanks to the professionalism and hard work of Mondo.

"MBUCO MABELE" thus becomes the first football pitch in the province of Cabinda. The stadium boasts state-of-the-art facilities and has been equipped with the most advanced technology sanctioned by international federations. The project is part of a special program for Cabinda Province and is the culmination of the dearest wish of His Excellency the President of the Republic of Angola, José Eduardo dos Santos, himself a former athlete and talented football player.

We would like to thank Mondo for the excellence and quality of this installation in the heart of the Maiombe region.

LONG LIVE ANGOLA!
LONG LIVE NATIONAL SPORT!

SURFACES
Mondoturf MF
Sportflex

EQUIPMENT
Mondoseat 6

Clearing of area
The site was completely cleared of trees, shrubs and other vegetation.

Levelling
The field was levelled.

Preparation for bituminous layer
Work took place to ready the site for the bituminous layer.

Application for bituminous layer
The bituminous layer was installed over the entire site.

Irrigation and drainage
The irrigation and drainage systems were put in place.

Artificial turf
The artificial turf was then installed.

Safety barriers and fencing
The barriers and fencing surrounding the pitch were erected.

Mondoseat
Assembly of the tribunes structures.

Terraces and supports
The terrace components were assembled to form a single unit. A similar process was followed for the support structures.

Sports flooring
An adhesive was applied to the bituminous layer and the sports flooring was rolled onto it.

Final works
The last stage consisted of the finishing process of retouching all the components.

MONDO®
NEWS

Mondo Booth

The International Trade Fair for Amenity Areas, Sports and Pool Facilities

FSB EXHIBITION

Thank you all for visiting us in Cologne, Germany

FSB Exhibition was the perfect occasion to present Mondo's new products as

MONOFIBRE 3NX

LATEST GENERATION OF POLYMER
INNOVATIVE STRUCTURE WITH THREE CENTRAL SPINES

Last generation fiber produced completely by Mondo, the new semiconcave structure with three asymmetric center spines provides optimized recovery and dimensional memory. Extra thickness, the new semiconcave structure and the three asymmetric center spines withstand wearing better. Fibers do not split.

This characteristic improves resiliency of fiber and improves biomechanical characteristics of turf system. A new UV protector additive is also incorporated in the process of extrusion of the thread to substantially improve the resistance to atmospheric agents such as ultraviolet rays.

SOCCER

Mondo & Sasho Cirovski: five-year partnership

Two-time NCAA champion will highlight Mondo's innovations in soccer turf

November 4 – Mondo has signed a five-year strategic partnership agreement with renowned University of Maryland men's soccer coach Sasho Cirovski.

"In everything I do, I want to be the best or associated with the best, and the Mondoturf Ecofill® Star system is the premier soccer surface on the planet," he said. "It plays more like a perfect grass field than any other artificial surface I've been on. The Ecofill® Star system offers a real competitive edge and it's environmentally friendly—there's no question that any soccer team with its players' best interests in mind should look to Mondo first."

BASKETBALL

EUROLEAGUE BASKETBALL

MONDO OFFICIAL SUPPLIER

Milan, October 22, 2009 - Mondo and Euroleague held a joint press conference at which they officially announced their high profile partnership in the world of international basketball until the 2011-2012 season.

Mondo will also have the chance **to work with the Euroleague team in order to develop new products for future events**, that will reflect its partner's specific needs and image.

As official supplier, Mondo has taken part in the social responsibility campaign **"Euroleague for Life"**, the aim of which is to build a basketball gym in a deprived area of the city that is to host the Final Four.

TRACK & FIELD

WORLD ATHLETICS GALA 2009
AND THE WINNERS ARE...

Monte-Carlo, November 22, 2009 – During the celebrations of the World Athletics Gala hosted by International Athletic Foundation (IAF) Honorary President HSH Prince Albert II of Monaco and IAF & IAAF President Lamine Diack in the Salle des Etoiles of the Sporting Club d'Eté, 23-year-old Jamaican Usain Bolt and USA's 24-year-old Sanya Richards were crowned as the Male and Female World Athletes of the Year 2009.

Mondo was proud to be present once again as Official Sponsor of the event, to celebrate with IAF & IAAF the international athletics stars.

OUR PRESENCE

SPORT EVENTS

Euroleague 2009-2010
Regular Season: October 21 – January 29
Millrose Games
January 29 • New York, U.S.A.
Reebok Boston Indoor Games
February 6 • Boston, U.S.A.
USATF Indoor T&F Champ's
February 27 - 28 • Albuquerque, NM

TRADE SHOWS

USTFCCCA
December 14 - 16
Orlando, FL
AFCA
January 10 - 12
Orlando, FL
NSCAA
January 14 - 16
Philadelphia, PA
C.A.S.H
February 22 - 23
Sacramento, CA

MONDO'S AIA/CES PRESENTATION

CONTINUING EDUCATION AIA

Mondo is an AIA CES Provider.
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email mondo@mondousa.com **U.S.A.** 800 361 3747 **Canada** 800 663 8138