



ROOFING

2015 PROJECTS OF THE YEAR

Low Slope
Steep Slope
Waterproofing
Sustainability

Sarnafil

BUILDING TRUST



Table of Contents

- Page 1 Celebrating the 2015 Projects of the Year
- Page 2 Hillsborough County Jail - Orient Road Location – Tampa, FL
Service Works Commercial Roofing, Inc. – Tampa, FL
- Page 3 Rady Children’s Hospital - CAPS Unit – San Diego, CA
Sylvester Roofing Co., Inc. – Escondido, CA
- Page 4 New Balance World Headquarters – Boston, MA
Greenwood Industries Inc. – Worcester, MA
- Page 5 Bartlesville Community Center – Bartlesville, OK
Hi-Tech Roofing Systems – Sand Springs, OK
- Page 6 Los Angeles International Airport - Air Traffic Control Base – Los Angeles, CA
BEST Contracting Services, Inc. – Gardena, CA
- Page 7 Matilda Harris Elementary School – Kingsland, GA
Bonitz of Georgia – Savannah, GA
- Page 8 University of Alabama - Alpha Alabama Apartments – Tuscaloosa, AL
Ideal Building Solutions – Norcross, GA
- Page 9 The Lofts at River East – Chicago, IL
A-1 Roofing Company – Elk Grove Village, IL
- Page 10 Chicago Public Library - Chinatown Branch – Chicago, IL
Korellis Roofing, Inc. – Hammond, IN
- Page 11 ALDI Distribution Center – Moreno Valley, CA
Red Pointe Roofing – Orange, CA
- Page 12 Frank W. Ballou High School – Washington, D.C.
HRGM Corporation – Washington, D.C.
- Page 13 Nevada State Veterans Home – Boulder City, NV
Western Single Ply – North Las Vegas, NV

Celebrating the Projects of the Year

Sika is pleased to once again recognize outstanding achievement in the application of the company's roofing and waterproofing systems with the announcement of the 2015 Projects of the Year winners.

The Projects of the Year competition highlights quality workmanship particularly noteworthy in the areas of design, application, and installation. The company is delighted to be associated with the dozens of projects submitted by its contractor network, and is truly grateful to have such a talented core of applicators representing the company and its products.

This event is competitive each year and this year drew dozens of entries from around the country.

Sika offers congratulations to this year's winners. Compliments to all on a job well done!

On the cover:

The lush Green Roof on the Chinatown Branch of the Chicago Public Library system is a most distinct feature. Learn more about this roof installation performed by Korellis Roofing, Inc., of Hammond, IN, on page 10.



FIRST PLACE

Low Slope
Category



Hillsborough County Jail - Orient Road Location -
Tampa, FL

Service Works Commercial Roofing, Inc. - Tampa, FL

Installing a roof at an active jail is never an easy task. Combine the fact that all roofing crews and personnel are subject to an extensive background check to obtain proper clearance to work on the project with the frightening prospect of getting materials onsite, and it becomes a perfect storm of difficulty.

Service Works Commercial Roofing faced these exact challenges during its install at the Orient Road Jail. The jail facility has 17 buildings with 152 separate roof sections that are all secured within a 12-foot fence with razor wire. Sarnafil® 60 mil S327 membrane was chosen

to be mechanically attached on the 417,700-square-foot project.

One of the more challenging aspects of the project was loading of the materials. Due to the security fence around the perimeter, access to the roofs was very limited. In order to move the heavy materials to the interior roof sections, a 220-ton all-terrain crane was used. After the interior sections were stocked, smaller cranes were utilized to reach the outside perimeter roof sections.

Thanks to Service Works, this high-security facility now boasts an equally secure and long-lasting roof.



SECOND PLACE

Low Slope
Category



Rady Children's Hospital - CAPS Unit - San Diego, CA
Sylvester Roofing Co., Inc. - Escondido, CA

When the Rady Children's Hospital needed a new roof, Sylvester Roofing was there to offer a remedy. The scope of work presented many unique challenges, not the least of which being the safety of the high-risk adolescents receiving care under the hospital's roof.

Hospitals typically have specialized ventilation, AC units and low pipes on their roofs, and Rady was no exception. An HVAC company aided in the delicate process of lifting the myriad mechanical equipment off the roof just enough for Sylvester to get underneath to tear off and reroof each section. The

23,500-square-foot roof was completed with a fully-adhered Sarnafil® G410 80 mil membrane in White. Most importantly, the roof is now totally watertight despite the many roof penetrations from all the mechanical equipment.

The project also included an additional 4,000-square-foot administration building. A fully-adhered Sarnafil G410 60 mil Tan membrane was used to complement the building's exterior color.

The hospital's roofs are now fully recovered for the vital task of keeping the patients and staff comfortable.



THIRD PLACE

Low Slope
Category

New Balance World Headquarters – Boston, MA
Greenwood Industries Inc. – Worcester, MA



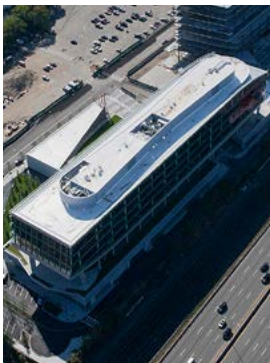
After Greenwood Industries won the right to install a roof on the brand new New Balance World Headquarters at Boston Landing, the team hit the ground running. Of course, the project – like most – wasn't without challenges.

Working near the coast can be difficult given the constant ocean breeze, and this project was no exception. The building is close to the Mass Pike and the commuter rail, so Greenwood had to make sure there was no debris flying off the roof at all times. Getting material delivered to the jobsite also presented many logistical issues for Greenwood as heavy traffic leading in and out of the city

is nearly always present.

Also, before the terrain around the building was leveled, Greenwood couldn't get a standard crane close to the building so they were forced to use a large Liebherr LTM 1100 crane to get materials on the roof. Getting materials onto the top section of the roof, which is 15 feet higher than the main roof, also proved to be difficult.

After months of challenging work, Greenwood finally crossed the finish line. The prize was a beautiful 52,565-square-foot roof using Sarnafil® G410 membrane in White on this wonderfully innovative building.





FIRST PLACE
Steep Slope
Category



Bartlesville Community Center – Bartlesville, OK
Hi-Tech Roofing Systems – Sand Springs, OK

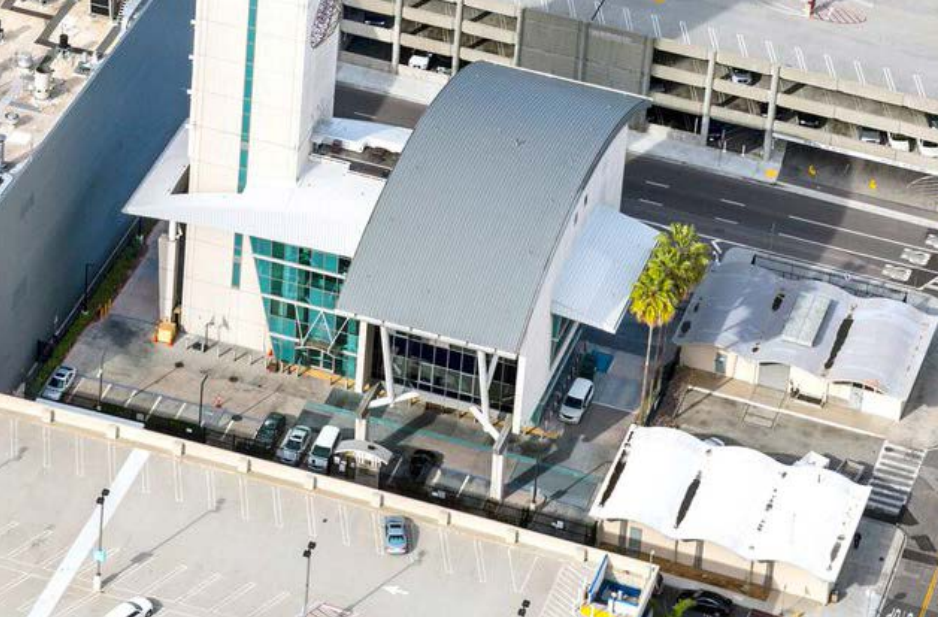
The iconic, earth-toned Bartlesville Community Center was designed by William Wesley Peters, chief architect of Taliesin Associated Architects of The Frank Lloyd Wright Foundation. The unique, spherical lines and river-stone smooth curves of the roof make for a stunning sight.

Hi-Tech's biggest challenge was finding a membrane that was both flexible enough to keep the curves wrinkle free and offered in a color that restored the historical nature of the project. The Sarnafil® G410 membrane in custom color Teddy Bear Tan provided

the answer to their dilemma.

Because of the vertical curves and steep slope of the building, a power roller was used to apply the adhesive. Also, in order to present a flawless appearance from the ground and to minimize visibility of the overlap seams, membrane installation began in the middle of the roof and worked its way to the edges.

Hi-Tech composed a stunning piece for the people of Bartlesville by providing a beautiful work of art. Bravo!



SECOND PLACE
 Steep Slope
 Category

Los Angeles International Airport - Air Traffic Control Base
 – Los Angeles, CA
 BEST Contracting Services, Inc. – Gardena, CA



Any time construction work is needed at an active airport, it has the possibility of turning into a logistical nosedive. When that active airport happens to be LAX – the fifth busiest airport in the world – the process can get downright turbulent.

roof with watertight integrity. The Lead Gray color of the Décor System would also match the standing seam sheet metal wall panels on the control tower.

Due to strict LAX and FAA regulations, it took a total of five separate mobilizations of material for BEST to complete the project. Though these efforts were time consuming, the pace and quality of work never suffered.

Thanks to the excellent work by BEST and the beauty of the new Décor Roof System, the appearance of the air traffic control base has taken flight.

Careful planning and coordination was required when BEST Contracting Services was tasked with installing a new roof on the ever-important air traffic control base. In working with the Federal Aviation Administration, BEST decided that the Sarnafil® Décor Roof System would meet the requirements of an aesthetically pleasing





THIRD PLACE

Steep Slope
Category

Matilda Harris Elementary School – Kingsland, GA
Bonitz of Georgia – Savannah, GA



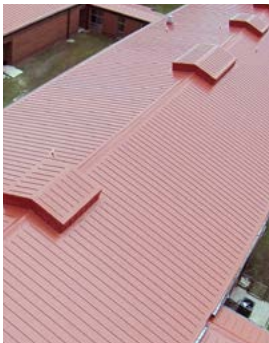
Leaks were becoming a major problem for the roof at Matilda Harris Elementary School. After much discussion, a decision was made to replace the current standing seam metal roof with the metal roof lookalike Sarnafil® Décor Roof System. Décor offers all of the aesthetic benefits of a metal roof with the watertight integrity of a single-ply. As with all schools, cost and timing were big factors when choosing the ideal roof system.

The Décor Roof is easy to install in metal retrofit applications. By installing over the existing roof system and

not opening the interior to any amount of exposure, this minimized any precautions and preparations needed for inside the school.

One of the requirements for the new roof system was to get a 20-year warranty, and that was easily achieved with the fully adhered Sarnafil G410 60 mil membrane. To match the existing metal color, the school board chose custom color Terra Cotta for the roof.

When the bell finally rang, Bonitz had met all of the school board's needs on the 90,000-square-foot project and the new roof is now at the head of the class.





FIRST PLACE
Waterproofing
Category



University of Alabama - Alpha Alabama Apartments
- Tuscaloosa, AL
Ideal Building Solutions - Norcross, GA

Oh, to be in college again. The courtyard at the Alpha Alabama Apartments truly is a thing of beauty, complete with a putting green, grill station, work out area, swimming pools and sitting areas. The courtyard actually sits on top of a parking garage, which is waterproofed with a Sarnafil® G476 self-adhered membrane installed by Ideal Building Solutions.

More than 22,000 square feet of Sarnafil G476 was installed by Ideal and then pressed down with a heavyweight roller to ensure proper adhesion to the substrate.

Ideal had to follow a

hastened construction schedule as the courtyard had a mandatory completion date. Each section also had to be completed for weekly inspections, which required flooding to test for leaks. One critical issue was protecting the finished sections while landscapers installed river rock and pavers. To accomplish this, the middle section of the courtyard was saved for last, leaving a traffic lane for all landscaping materials.

The end result was a spectacular courtyard that students have been enjoying immensely. It's certainly tough to blame them for skipping class.



SECOND PLACE
Waterproofing
Category

The Lofts at River East – Chicago, IL
A-1 Roofing Company – Elk Grove Village, IL

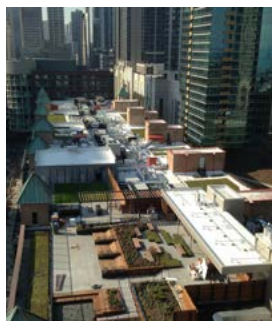


At 675 feet long and 120 feet wide, the iconic North Pier building in downtown Chicago can best be described as a skyscraper lying down on its side. And when the modified bitumen roof system began to fail, A-1 Roofing Company was called in to solve the problem. The decision was made to use a Sarnafil® G410 60 mil membrane to re-roof the building, and it would be put to quite the test.

First, the architect wanted to install all the duct work for the building on the roof. This resulted in over 600 rails and curbs being installed to support the ducts and drops. As work

progressed, the HVAC contractors installing the massive duct work managed to put over 1,000 holes and burns into the roof membrane. Numerous areas had to be patched or re-covered. At the end of the project, green roof areas were added in order to brighten the outdoor living areas.

A-1 Roofing was instrumental in helping revitalize the historic North Pier building. The structure now houses the upscale Lofts at River East, and residents are infatuated with the 10,000-square-foot rooftop skydeck featuring a theatre, fire pits, grills and a wet bar.





THIRD PLACE
Waterproofing
Category

Chicago Public Library - Chinatown Branch – Chicago, IL
Korellis Roofing, Inc. – Hammond, IN



With more than 80 public libraries, Chicago is ranked third in the world and first in the United States for urban public library systems. Perhaps none of these libraries showcase such a unique and aesthetically pleasing design as the Chinatown Branch.



Construction on the library began in February of 2014 and Korellis Roofing was called in for the roofing portion of the building. The chosen system for the project was a fully-adhered Sarnafil® G410 80 mil EnergySmart White membrane with a felt backing.

At 8,400 square feet total,

the roof is dome shaped and features approximately 3,900 square feet of modular green roof, supplied by LiveRoof, in the center of the roof. The green roof is fully irrigated with rotatory heads. There is also a cable fall protection system around the entire perimeter of the green roof for safety when general maintenance is required.

The success of the project hinged on the Korellis Roofing workforce, workmanship and expertise with Sarnafil systems. Thanks to those factors, the City of Chicago gained a new addition to its already sterling public library system.



FIRST PLACE
Sustainability
Category

ALDI Distribution Center – Moreno Valley, CA
Red Pointe Roofing – Orange, CA



In mid-2015, ALDI, the nation's low-price grocery leader, announced plans to enter Southern California by opening approximately 45 stores. To meet the logistical and supply needs of the new stores, ALDI would rely on a massive, state-of-the-art, 800,000-square-foot cold storage distribution center consisting of eight different climate zones.

The task to roof this enormous project fell on the shoulders of Red Pointe Roofing. The roof application included a Sarnafil® S327 80 mil mechanically-fastened system. After the Sarnafil

membrane installation was complete, the rooftop received a 2.5MW photovoltaic solar array.

At more than 160 truckloads of material, staging and loading of material presented significant logistical challenges. Coordination of timely material delivery on an active construction site was key to the project's success.

Thanks to this impressive installation, ALDI now has the peace of mind of not having to worry about roof issues as they implement their long term expansion plans in California.





SECOND PLACE
Sustainability
Category

Frank W. Ballou High School – Washington, D.C.
HRGM Corporation – Washington, D.C.



Located on a hill within an historic D.C. neighborhood called Anacostia, the new Ballou High School is a modern architectural gem that gives tremendous hope and excitement to the surrounding community.

The project originally began as a hot rubberized asphalt roof system, but HRGM carefully evaluated the priorities and needs and worked in conjunction with Sika to provide full design-build services. The Sarnafil® G410 72 mil membrane was an obvious choice for the 167,000-square-foot project, thanks to its durability and added aesthetic value to

help with the building's more modern look. The membrane also ranks high in terms of sustainability – an important goal for the LEED Silver project.

The Ballou High project was highly complex from a design and installation standpoint. The roof is divided into 14 different sections, each at a different height, and each section with differing parapet conditions and challenging flashing details.

HRGM undoubtedly made the grade by delivering an attractive, sustainable and cost-saving roof on the beautiful new school.





THIRD PLACE
Sustainability
Category

Nevada State Veterans Home – Boulder City, NV
Western Single Ply – North Las Vegas, NV



Housing veterans ranging from men and women of “The Greatest Generation” to veterans who took part in modern day conflicts, the Nevada State Veterans Home serves as a monument to many of our country’s heroes. So when the decision was made to reroof the 100,000-square-foot building in order to make it more energy efficient, Western Single Ply was quick to enlist for service.

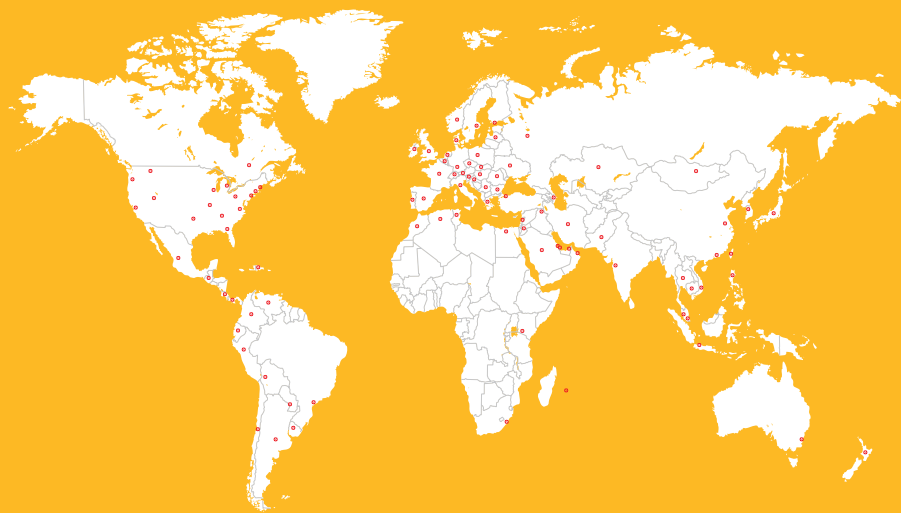


WSP chose to install a Décor Roof System due to its low life-cycle costs, proven performance and watertight integrity.

By using a Sarnafil® G410 72 mil membrane in EnergySmart Light Gray, the newly installed roof has already provided huge benefits to the facility. During the summer when daily temperatures soared above 110 degrees, energy savings of nearly 50 percent were realized. And because the rooftop equipment doesn’t have to work as hard, its life expectancy will also be increased.

Our veterans deserve the best care possible, and it’s only natural that care takes place under the best roof possible.

GLOBAL BUT LOCAL PARTNERSHIP



WHO WE ARE

Sika AG, located in Baar, Switzerland, is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector and the motor vehicle industry.

The corporation has subsidiaries in 84 countries, employs 16,000 people worldwide, and has more than 160 manufacturing facilities around the globe.

SIKA CORPORATION—ROOFING

100 Dan Road
Canton, MA 02021
Tel: 800-451-2504
Fax: 781-828-5365
usa.sarnafil.sika.com
webmaster.sarnafil@us.sika.com

Sarnafil

BUILDING TRUST

