



The Rabouin International High School Green Infrastructure Lab



The Sewerage and Water Board of New Orleans (SWBNO) issued a request for proposals in 2014 for Green Infrastructure education and outreach and demonstration projects on public land. SWBNO has contracted with Hanging Gardens, LLC to design, build, and monitor a green roof on Rabouin International High School at 727 Carondelet Street. The green, or vegetated, roof will catch and hold rainwater to help reduce flooding and improve stormwater quality. The roof will also provide additional insulation for the building and lower temperatures in the surrounding area.

Project Partners

Hanging Gardens, LLC
Project Lead

Independent Roofing Systems, Inc.
Roof Consulting

Greensite, LLC
Soil Consulting

Morphy Makofsky, Inc.
Structural Engineering

Groundwork New Orleans
Landscaping

International High School
Maintenance

The scope of work for this project includes:

- Install a green/blue roof piloting three types of green roof (extensive sedum, watergrip brownie, and food).
- Monitoring the project's impact on stormwater flow.
- Provide educational webinars to staff, personnel, and students

Construction is anticipated to begin March 2017 and last approximately 45 days (weather permitting).

During construction students, faculty, and staff may experience temporary inconveniences such as limited access to areas within the construction zone, temporary reductions in parking areas, movement of heavy equipment, and sounds.

School activities within the building will continue as usual.

17,500 gallons of rainwater held per event



For more information on this project and other SWBNO Green Infrastructure projects, please visit http://www.swbno.org/work_greeninfrastructure.asp OR call SWBNO Environmental at (504) 942-3849