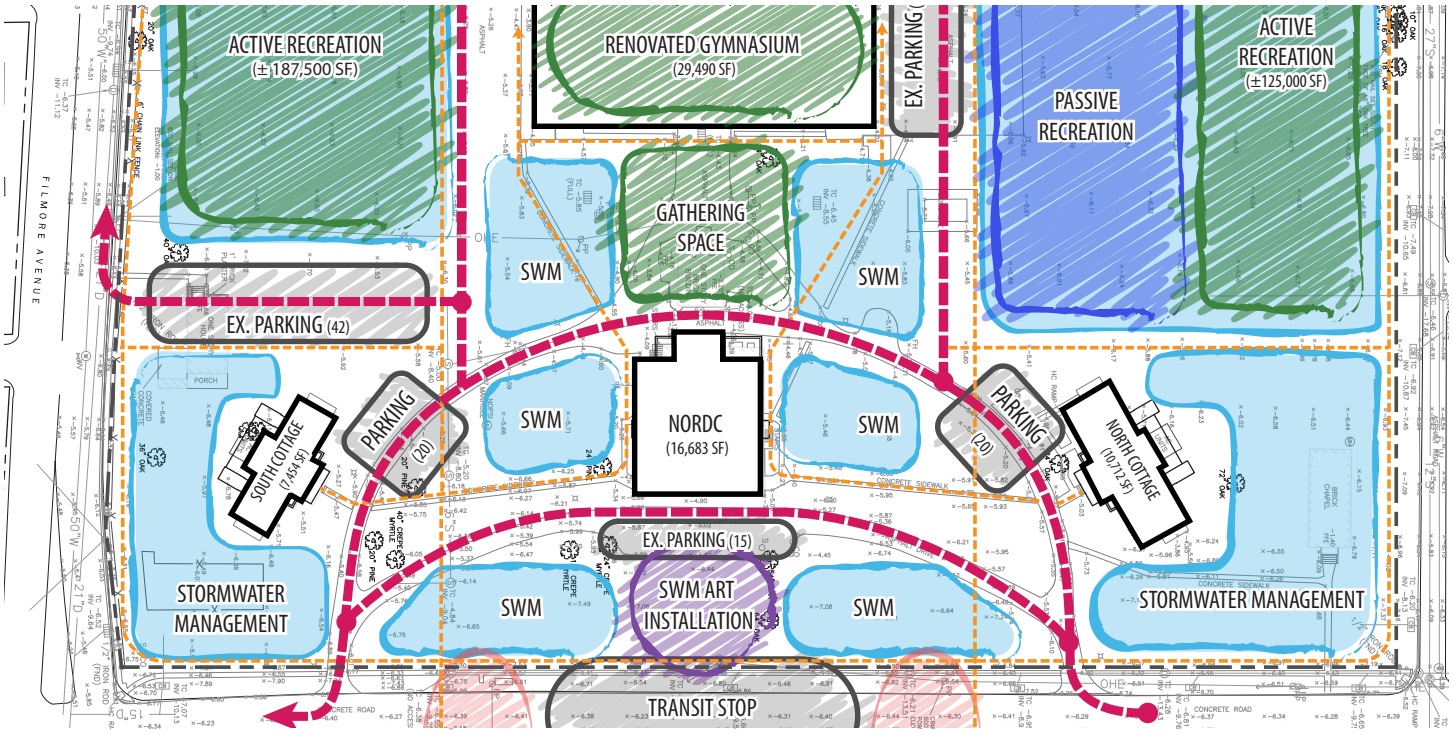
Milne Campus Resilience

Fact Sheet / Quarter 2, 2019

City of New Orleans
Mayor LaToya Cantrell

GENTILLY Resilience DISTRICT



Milne Campus Resilience Program diagram of the Campus site illustrating areas for stormwater management, improved circulation, and passive and active recreation.

Stats

Area
17 acres

Site Status
Headquarters for NORDC, gymnasium for NOLA for Life. Underutilized space.

Budget
$6M National Disaster Resilience Competition (NDRC) Grant Program; Scope: flood reduction.

Project Lead
City of New Orleans - Product Delivery Unit, Sustainability Initiative

Design Lead
Dana Brown & Associates, Inc.

Construction Lead
TBD

The Milne Campus aspires to help reduce neighborhood flooding as well as alleviate the strain on the City's infrastructure by holding over 3.7 million gallons of stormwater through a variety of green infrastructure facilities. The Campus will also provide learning and social opportunities for New Orleans youth, improve public health, and increase economic development and vitality in historic Gentilly.

Location

Benefits

Urban Water
Holds 3.7 million gallons of stormwater

Ecology
Incorporates native plants

Infrastructure
Lessens burden on City's system

Economy
Improves under-ultilized asset

Recreation
Provides multi-use sport fields

Public Health
Improves air, water, and soil quality

Urban Heat
Increases tree canopy

Community
Gathering space for youth events

May 2019
Schematic Design

June 2020
Design Complete

October 2020
Construction Begins

July 2022
Construction Ends

The **Gentilly Resilience District** is a combination of efforts across Gentilly to reduce flood risk, slow land subsidence, improve energy reliability, and encourage neighborhood revitalization. For more information, contact Natalie Manning, Program Analyst/Community Engagement, at **504.658.7623**.

nola.gov/resilience/gentilly

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Benefits

Urban Water

The Campus is planned to capture and manage over 3.7 million gallons of stormwater runoff from the site and surrounding neighborhood. This will relieve the burden on pump station DPS-04 and the surrounding infrastructure, which will contribute to reducing flood risk.

Ecology

The stormwater management areas programmed for the Milne Campus will be filled with native trees and flowering native plants, providing space for pollinators, butterflies, and birds. The green infrastructure will be designed to drain within 48 hours to manage mosquito population.

Infrastructure

The Campus improvements will reduce the risk of street flooding. The detained stormwater will infiltrate into the soil to help recharge groundwater and reduce subsidence.

Economy

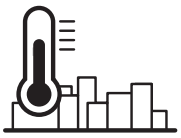
The Campus project will foster economic development and neighborhood vitality by improving this open space asset and providing stormwater management education.

Recreation

Outdoor recreation areas will be improved, including multi-use sports fields for youth baseball, softball, soccer, and rugby.

Public Health

Pedestrian paths, outdoor plazas, and gathering spaces will be provided throughout the project site. Additional trees and green infrastructure vegetation will remove pollutants from the runoff water, soil, and air.

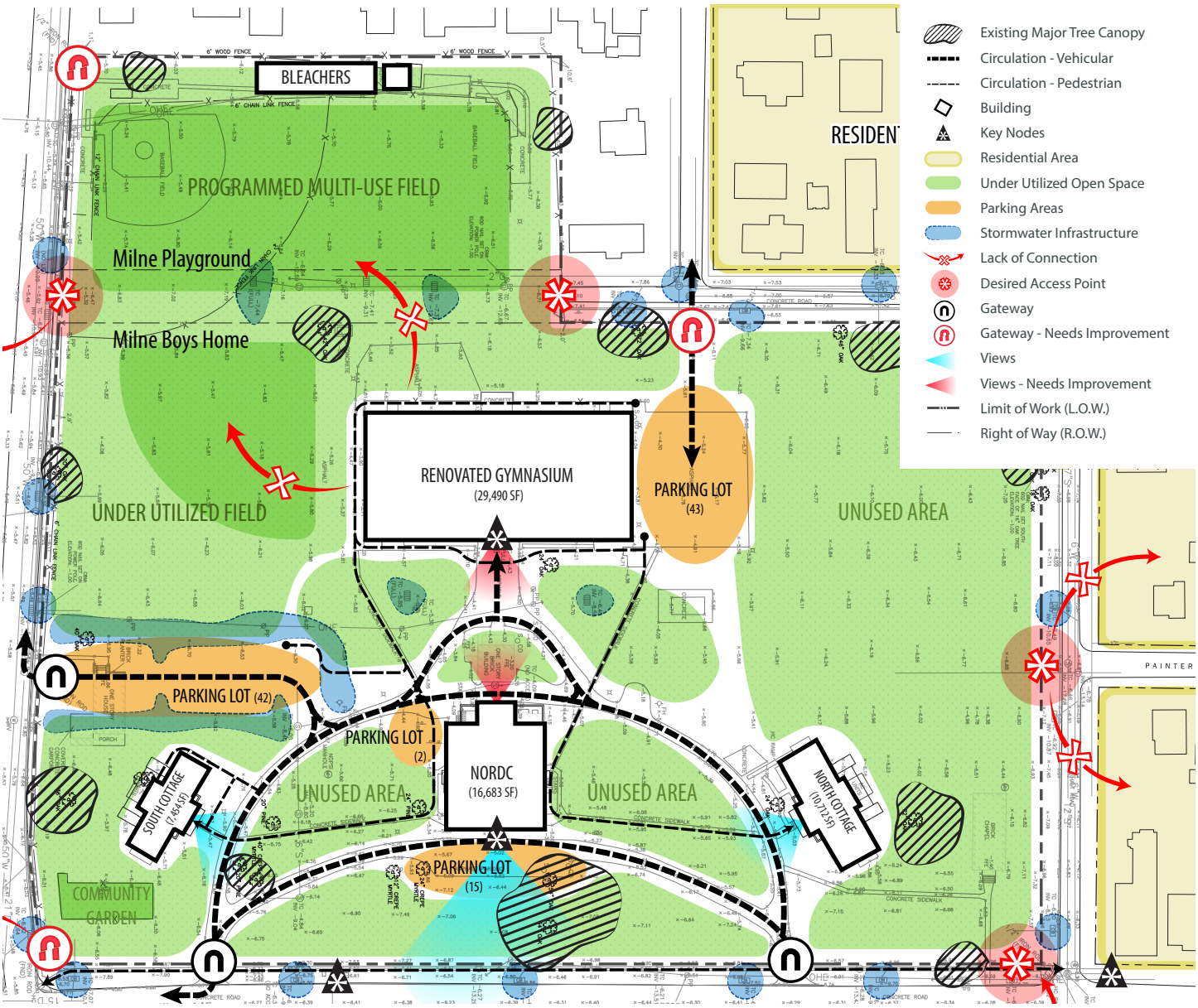


Urban Heat Mitigation

The increased tree canopy and other additional vegetation will help reduce the urban heat island effect. In addition, the flow of surface and subsurface water throughout the Campus will also have a cooling effect.

Community

Creating programmed spaces where young kids can explore new interests and expand their skills through activities, learning opportunities, and social opportunities. Spaces for outdoor classrooms will be provided throughout the Milne Campus.



Design Team

Project Lead	**Dana Brown & Associates**
Civil & Structural Engineering	**Schrenk, Endom, & Flanagan**
Mechanical, Electrical, & Plumbing Engineering	**Pivotal Engineering**
Geotechnical Engineering	**Eustis Engineering**
Surveying	**GoTech**
Community Engagement & Public Health	**Dillard University**
Protege Firm	**Water Management Strategies**
Protege Firm	**Healthy Community Services**
Protege Firm	**Colloqate Design**
Artist	**Michel Varisco**

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