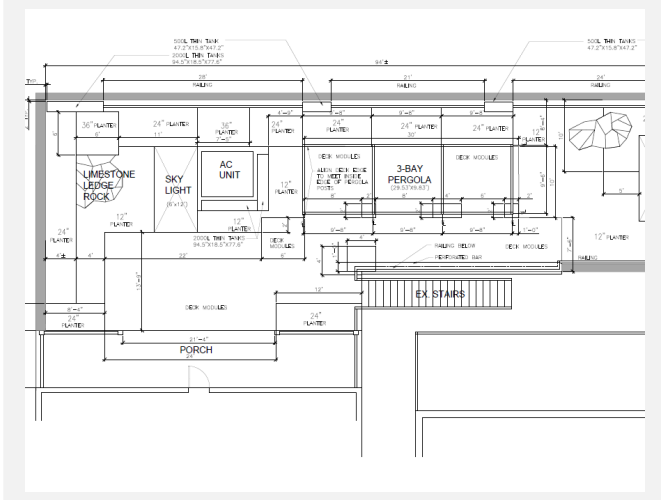


## Green Roof & Alley Renovation Phase II Project

Applicant: Waterloo Arts

Project Location: 15601 Waterloo Road, Cleveland, Ohio 44110 | Waterloo Arts District | Ward 10

Watershed: Lake Erie Direct Tributaries | Subwatershed: Nine Mile Creek



### Summary

- Explore additional stormwater control measure for an intensive green roof on the lower roof of Waterloo Arts that will optimize water retention.
- Design and construct intensive green roof with walkways and seating which is accessible from the alley steps created in Phase I of the project.
- Retrofit the lower roof with an intensive green roof or possibly a blue/green roof and create a construction plan for the interior support beam.
- Constructing plumbing needs to use more of the harvested water or a system to control the draining of harvested water, so the water storage is emptied before a rain event.
- The project will have a green roof and rain harvest system that virtually eliminates run-off from the Waterloo Arts property during peak events.

**Green Infrastructure (GI) Type:** 2025 Construction Project Award

**GI Technology:** Green Roof and Rain Harvesting System

**Drainage Area:** 0.0 acres

**GI Feature Area** 0.0 acres

**Stormwater Capture:** 59,719 gal/yr.

**Total Project Cost:** \$420,000

**Grant Awarded:** \$186,482



**Northeast Ohio  
Regional Sewer District**

For more information, call 216.881.6600 ext.6458 / neorsd.org