

# Modular Laboratory & Office Space

## Case Study

**Application:** 2-Story Modular Laboratory

**Products:**

- ✓ Omniflex Fire & Sound

**Benefits Provided:**

- ✓ Two story structure to house lab and office space
- ✓ Odors contained within lab on ground floor
- ✓ Contemporary design and appearance



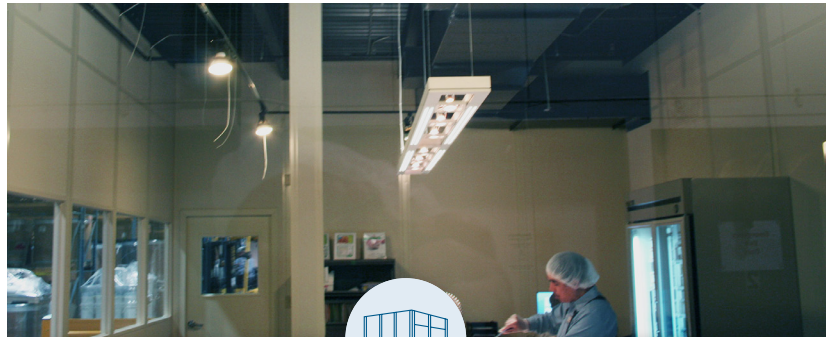
### The Situation

This beverage company that provides natural and pure vegetable juices and value-added products for industrial use. These juices are used by a variety of food manufactures and can be found in dressings, drinks, sauces, soups, dips, marinades and other consumable products.



### The Challenge

Using an existing plant wall, VJI required the creation of a two-story three-wall structure to house a garlic testing lab and office space. The upper level would provide office space and allow the plant manager to oversee the plant operations, while the ground floor would host the testing lab. It was important for odors to be contained within the plant on the ground level, given that lab would serve as a garlic testing environment.



### The Solution

One of the concerns for client was creating a laboratory testing environment to demonstrate their quality standards to their customers, it was important that the aesthetics of the lab maintained integrity. PortaFab created a high tech look by painting the underside of the roof deck and duct work black and utilizing contemporary lighting fixtures.

The room was built to contain the odors of the garlic by using the OmniFlex wall system, which had the added challenge of building the 2nd level around an existing building column, while also accommodating the existing sprinkler system coming into the building. PortaFab concealed the existing interior columns with a column wrap to enhance the look of the lab environment, per the client's request.

PortaFab also provided protective railing and bollards to further protect the structure from fork lift and other industrial traffic.