

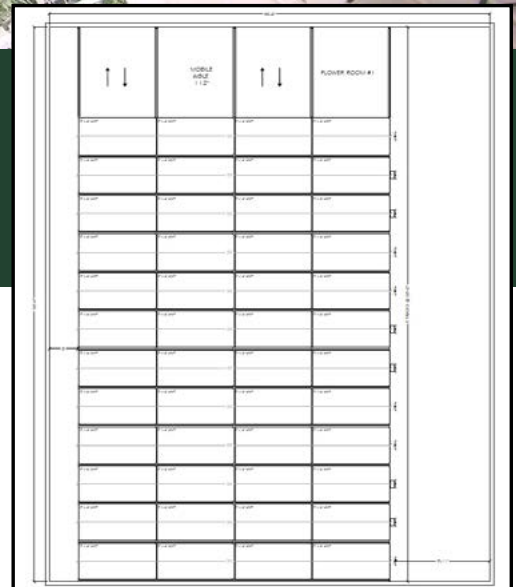
# LEAFLINE LABS CASE STUDY

## ABOUT LEAFLINE LABS

At LeafLine Labs, our mission is to consistently meet the needs of our patients, who are the driving force behind everything we do. As a leading provider, manufacturer, and distributor of medical cannabis, we are devoted to providing the highest quality medicine and care for our Minnesota patients.

## PLANNING

LeafLine wanted to increase cultivation capacity within their current facility in order to meet the growing local market demands. They quickly realized that converting to mobile, multi-level vertical growing systems would increase their canopy space in each flower room. However, manufacturing lead-time, room conversion from HPS to Mobile Multi-Level LED and impact to current production and harvest cycles needed to be considered and thoughtfully planned to minimize disruption. After careful consideration and review, Pipp Horticulture was selected by LeafLine Labs as their vendor because of our system design, fast manufacturing lead-times, installation services and in-house cannabis cultivation expertise – delivering a true comprehensive solution.



## THE PROBLEM



**PREPARE** for increase in demand for high quality medical cannabis



**WASTING** significant volumes of vertical space



**CONVERT** from traditional HPS single-level canopy design

# Elevate. Cultivate. Grow.

## BEFORE



## AFTER



## THE SOLUTION

Pipp Horticulture provided LeafLine Labs with our double tier, high-density Mobile Vertical Grow Rack Systems with our patent-pending Drip-to-Drain Trays and HDPE Inserts. We worked closely with LeafLine Lab's construction and electrician teams to ensure a smooth, speedy and successful installation. The implementation our mobile cultivation systems resulted in an impressive **140% INCREASE IN CANOPY SPACE.**

## THE BENEFITS



**INCREASED CANOPY** space by 140%



**DECREASED** production of radiant heat



**MINIMIZE** evaporation



**REDUCE** the amount of water required



“Besides the great sales & support team at Pipp, the expertise in cannabis and horticulture that Pipp can provide to the growers using their systems has been amazing.”

**EMILY KOWALSKI**, Vice President of Cultivation at LeafLine Labs

