

MICHIGAN PEAT

Selected The FACILITIES PLANING SERVICES Group

From the very beginning, Michigan Peat Company has been dedicated to quality and service. Over the past 50 years, Michigan Peat has earned a reputation for providing products that surpass the standards of discriminating professional growers and home gardeners. That's because they precisely formulate and blend their mixes using only high-quality ingredients to put "nature and science in balance". As a long-time supplier to gardening hobbyists and professional growers, Michigan Peat understands the importance of responsible use of our resources. They are proud of the sound environmental stewardship that they have practiced for decades. Their respect for the land, water, air, and other natural resources began with the founders and remains at the center of their culture and heritage.

The Michigan Peat senior management wanted to modernize and consolidate operations to improve quality and customer service. After extensive analysis, they selected the FPS Group because of our in-depth process experience, agricultural experience, and strong history of environmental stewardship.

FPS worked closely with Michigan Peat to establish a Materials Flow Five Year Strategic Plan for their over all operational requirements. This defined the required quality service level that Michigan Peat's customers have come to expect. This was done on a quarterly bases specifying numerous critical operational indicators.

A detailed Flow & Cube Analysis of the production and distribution process requirements was performed to determine the specific operational demands.

An Operational Analysis of the current production and distribution operations were performed to determine what could be done to optimize current processes in support of the Materials Flow Five Year Strategic Plan. Based on this analysis, a detailed facility design was developed for a world class operation, properly organizing the complete range of processing and distribution functions. Potential opportunities were analyzed to improve service levels and profitability.

Productivity technologies were implemented to support Lean methods and procedures for optimum productivity. This greatly extended the service life of the existing facilities and clearly showed the path for continued success.



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POB 3896, WILMINGTON, NC 28406-0896 / 910.617.6950 / info@facilitiesplan.com

FPS has several proven development tools such as the scientific **FORM** approach that can efficiently determine the optimum manufacturing or distribution center layout and outline the appropriate material handling technologies with accurately projected performance criteria. So there is no guessing or art; just science!

Below is the proposed Lean visual site plan that was implemented to greatly improve through put while significantly reducing operating costs. Production stages as well as raw materials and finished product were strategically placed to minimize material handling.

The FPS Facility Planners welcome the opportunity to confidentially discuss your unique material handling application challenges.

CONTACT:
INFO@FACILITIESPLAN.COM
 910.617.6950

