

## Project Management | Portfolio Management

In past roles, MSP Director Meagan Higgins was responsible for management of a worldwide portfolio of buildings in excess of 10 million square metres, with a value of USD \$5-6 billion. During this time, Meagan personally managed the construction delivery of over \$1 billion.

### Key projects included:

#### Worldwide

- Development of a worldwide design standard from base principles (no prior document existed).
- Development of a worldwide fire protection standard, adapting where applicable for local Code and cultural differences, reviewed in implemented in consultation with the company insurer.
- R&D with fire sprinkler manufacturers to develop a fast response sprinkler head capable of servicing a fire in buildings exceeding 48 feet (14.5m).
- Assemble a small core team of highly skilled resources to review designs worldwide, train and coach local teams on applying the design standards, and to continue building services and energy efficiency retrofit programs where return on investment is < 1 year.

#### United States

- New construction of 4 new facilities, 400,000 square metres, USD \$400M.
- Transitioning from traditional stow and pick design methods to accommodate new robotic stow and pick methodology introduced a number of challenges including delivering an ultra flat floor surface across both ground and elevated slabs, in a fast track program where the entire building construction and commissioning was completed in 9 months.

#### Czech Republic & Poland

- New construction of 4 new facilities, 400,000 square metres €250M

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- Building in a new market, emerging economies and language barriers required a re-think of the communication methods and the creation of a short 4 minute film chronicling the life of a package from arrival at the dock through storage, retrieval, packaging and outbound shipment allowing building inspections to grasp the nature of the activities inside the proposed facilities.
- Throughout Europe, the approach to fire compartmentation varies, and after extensive negotiation, the design solution varied for these two countries.

### India

- Site selection and refurbishment of 22 existing buildings to accommodate new small footprint distribution facilities, across multiple states, territories and districts.
- Working with the National Building Code of India (2005), in contrast to worldwide design standards based on the International Building Code generated multiple conflicts requiring critical decisions from Executive Leadership

### UK and Spain

- Development of a new design standard based on a smaller footprint with a higher overall building height; accommodating two full stories internally.
- Originally developed for a site in Barcelona, Spain the new design was adapted for use in a new project outside of London, UK.

### Japan

- Adapting design standards to recognise:
  - » the land shortage in Japan requiring all facilities to be multi-storey;
  - » addressing risk/insurance concerns with respect to local fire protection practices and reviewing business continuity implications in tsunami inundation zones;
  - » addressing cultural differences with respect to security, smoking and the presence of on site catering.

### China

- Adapting site acquisition processes and timeframes to reflect the Government practices;
- Reinforcing design standards for fire and life safety.

*\*Note, the examples provided above were undertaken in a past role, prior to MSP. These examples serve to further detail the experience MSP bring to the table for our Clients.*

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