

# the Multi-Story Solution



Winner of the  
Modular Building Institute's  
Award of Distinction

## *The Challenge:*

The Construction Manager on a five-year building project required 4600 sq feet of space for a project control office on a very confined site. Furthermore, the customer was adamant that no trees were damaged or removed during the placement of this complex.

## *The McDonald Modular Creative Solution:*

We had only one way to go and that was up! By designing a multi story solution McDonald Modular Solutions was able to house the required staff at the construction site instead of smaller groups at several site locations. The modules were engineered to be crane lifted into place on a lot between a busy roadway, an existing building, and a parking lot. A hydraulic crane was specified with the required reach to lift the six 12' x 64' boxes and clear all the obstacles on the difficult site.

The building was designed with an internal staircase as well as a second exterior staircase to allow a free flow throughout the active complex.

Value engineering was achieved with the use of durable materials such as Hardi Panel exterior, 45 mil EPDM roofing, vinyl covered gypsum, textured gyp ceilings, and VCT flooring in conjunction with sky lights providing the second floor area with ambient light, reducing the lamps required for daytime work. In addition the insulation package, Tevek air infiltration wrap surrounded the building envelope to provide an extra level of comfort.

*If you think it can't be done, think again!*



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