



# Case Study

**Project Scope:**

New Construction  
Commissioning

**Facility Description:**

New Observatory Classroom  
Building

**Completion Date:**

February 2008

*“The New Jersey Meadowlands Commission would like to thank you for your tireless and dedicated work in being an integral part of this achievement....”*

Robert R. Ceberio,  
Executive Director

## New Jersey Meadowlands Commission

Lyndhurst, New Jersey

Dome-Tech, Inc. was selected to provide commissioning services for the New Jersey Meadowlands Commission’s New Observatory Classroom Building.

The commissioning service is a quality assurance process that confirms that building systems work as designed and as required by the occupants. This process begins during project conception and continues into the life of the building.

Dome-Tech was responsible for the development of the commissioning plan and the creation of the owner’s project requirements document that was complete with quantifiable and measurable benchmarks, used to gauge the success of the project. Dome-Tech prepared project specifications, completed a design review that generated eighteen issues, and performed submittal reviews to ensure that equipment met project requirements and to generate commissioning protocols. Dome-Tech’s submittal review generated four issues. Dome-Tech was additionally responsible for verifying installation and functional/performance. These checks/tests revealed over twenty-one issues. Dome-Tech completed their responsibility by reviewing O & M Documentation and attending training to verify completion per contract requirements. In addition, re-commissioning forms were generated for facility O & M staff to evaluate the performance and inspect the status of their systems.

The commissioning services performed by Dome-Tech were an integral part of the LEED (Leadership in Energy and Environmental Design) Platinum certification that was awarded the New Jersey Meadowland’s Commission’s Center for Environmental and Scientific Education by the United States Green Building Council. The NJMC’s Center for Environmental and Scientific Education is in a category of distinction, as one of only two buildings in the State of New Jersey to have achieved LEED Platinum certification, and the first public building in the State to have received this rating.

“Building Performance - Delivered”

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