





Advancements in the use of Building Information Modeling (BIM) Systems ACI Fall 2012 Convention Toronto

The Windeee Dome - The Demonstration of the Successful Implementation



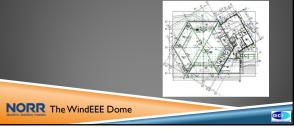


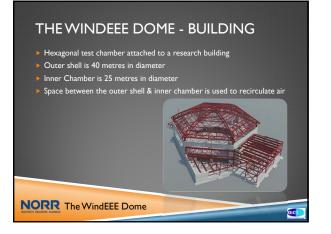




THE WINDEEE DOME FACILITY ... CONT.

- Features a complex array of fans to simulate wind systems
- Each fan can be manipulated individually





OBJECTIVES OF DESIGN TEAMS

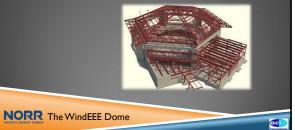
- To provide innovative and cost effective and design
- To provide a 3D, real time dynamic model
- BIM greatly enhanced collaboration between team members
- BIM ensured best fit at interface between equipment and the concrete and steel structures

NORR The WindEEE Dome

BIM – BUILDING INFORMATION MODELING • A new approach to design, construction, & management of buildings

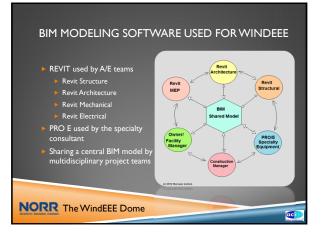
- BIM in a nutshell
- How does BIM work

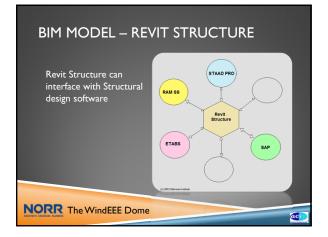
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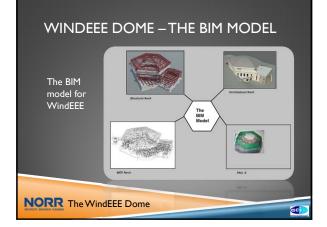














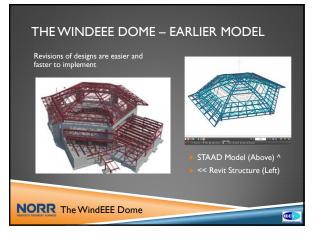


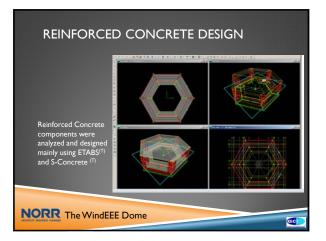










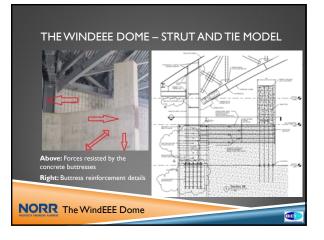








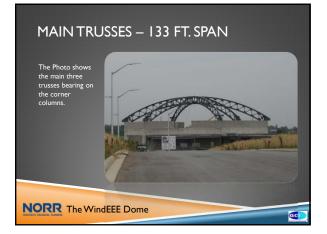




















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