

Integrated Design BUILDING INFORMATION MODELING

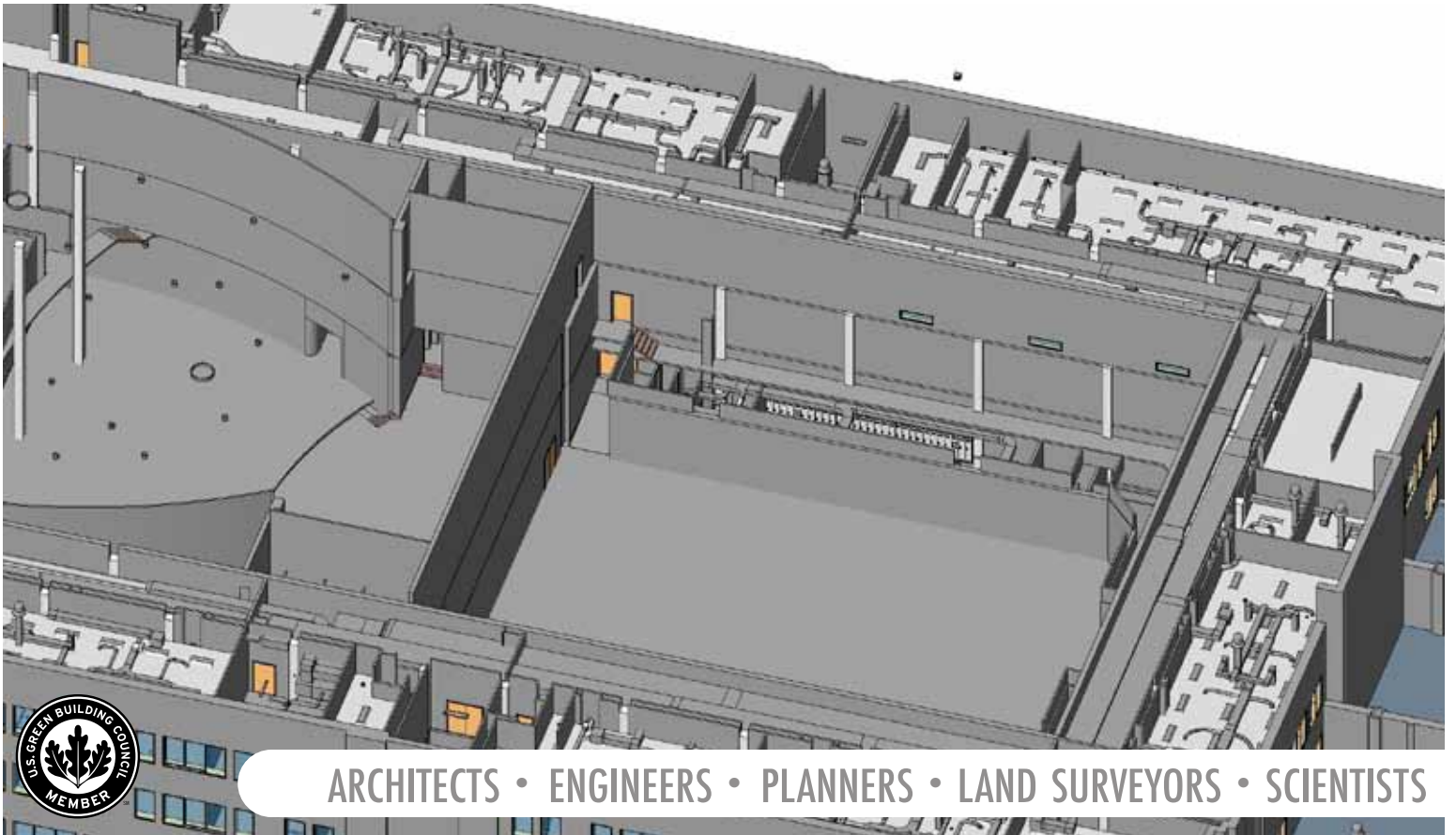


Building Information Modeling (or BIM) is a relatively new method for designers to design and convey spatial information to contractors, owners, and operators. As opposed to traditional two-dimensional line drawings consisting of plan views, section views, and details, a building information model is prepared in three dimensions, allowing designers and technicians to visualize the spaces that are being designed, as well as more easily review how building systems relate to the structure. For example, all mechanical and electrical components are included in the model, so the project architects and engineers can see potential conflicts and areas for optimization.

Additionally, BIM technology can be utilized by owners and operators once the facility is constructed as a dynamic as-built, allowing unprecedented ability to understand the buildings they are charged with operating. The model becomes a repository for design information, as-built conditions, and even O&M information.

I&S Group is fully utilizing BIM for architectural, structural, mechanical, and electrical design. The utilization of cutting edge technology allows us to provide responsive and cost-effective services to our clients. As a full-service design firm, the integration of BIM into our workflow further strengthens the inter-disciplinary approach that truly makes us “One Firm–Start to Finish”.

If you would like to discuss how BIM can reduce cost and increase efficiencies in your next project, please give us a call, or email Diane at diane.behn@is-grp.com.



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