

DESIGN VISUALIZATION

MULTI-DIMENSIONAL MODELING

UTILITY AND SITE SURFACE MODELING

CLASH DETECTION

BUILDING INFORMATION MODELING

services

INTEGRATION OF 3D SCAN DATA

GIS CONNECTIVITY

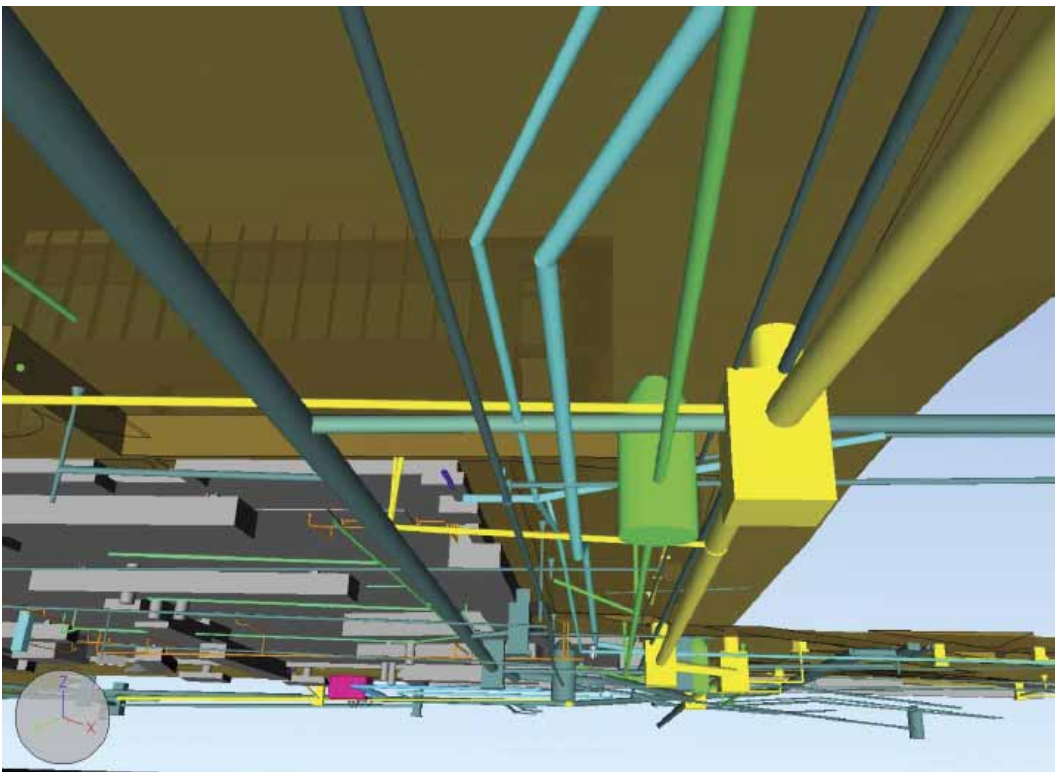
DYNAMIC QUANTITY TAKE OFF & REPORTING

BIM MANAGEMENT PLANS

CONSTRUCTABILITY REVIEWS

A Building Information Model (BIM) is a process of utilizing intelligent objects within a compilation of software tools in order to design, virtually construct, and ultimately manage a project. A key element of the BIM process is the communication between all stakeholders on a project and ultimately the harnessing of essential intelligent data for use by the owner / client.

RBF continues to use technology to meet its clients growing demands. One of these emerging tools is the use of 3D design software in the development of construction documents directly from the project engineer. By starting the preliminary engineering in this manner, RBF makes available to the owner/client an intelligent data set of objects for use in developing accurate schedules and costs. Combining this data set with visualization and analysis tools also ensures that projects meet the intent of the client from planning to design to construction.



"Everything you can
imagine is real"

Pablo Picasso

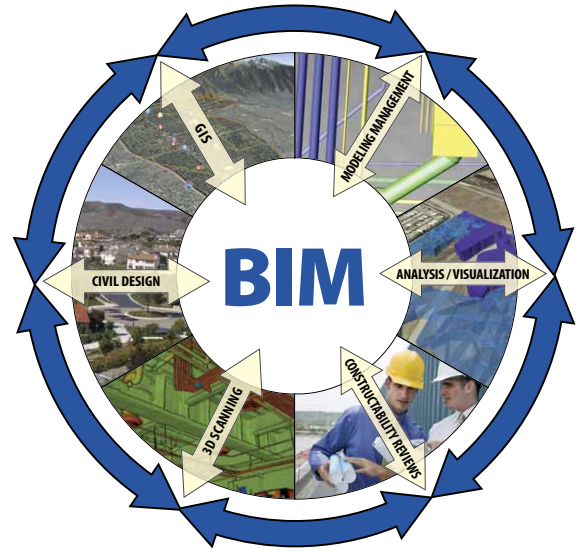
RBF
CONSULTING

CLIENT SERVICES

Implementing efficient cost saving technologies has been a vital part of RBF Consulting's purpose and mission for over 35 years. Building Information Modeling (BIM) Management Services is part of that mission.

The following services are components of BIM: Multi-Dimensional Design, Modeling, and Visualization.

The RBF experts in planning, civil and environmental engineering, surveying and mapping assist public agencies, organizations and private development clients in meeting the needs of the present without compromising the ability of future generations to meet their own needs.



PLANNING ■ DESIGN ■ CONSTRUCTION



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BENEFITS

Increased efficiencies in design and analysis

Increased coordination between disciplines

Customization of graphic data / display properties

Increased quality control

