

BUILDING BETTER WITH BIM

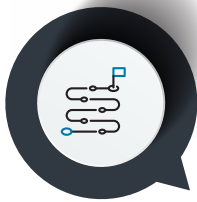
SR is an active participant in the Building Information Modeling (BIM) authoring and coordination process, utilizing in-house capabilities and experience with Revit and Navisworks. BIM is the process of generating and managing building data during its life cycle:

- SR works directly with the client, design team, and trade partners to develop a virtual 3D model, so drawings and plans accurately represent the project.
- The model is used at meetings for evaluation and coordination of all major trades during the construction life cycle.
- By leveraging the model information created during the design phase, we can realize direct and tangible benefits in the construction phase. The results? Minimized coordination time and manual checking, enabling the design team to have more time to solve real architectural problems.



BIM DETAILS:

- Design and documentation can be done simultaneously instead of consecutively.
- Schedules, diagrams, drawings, estimating, value engineering, planning, and other forms of work communication are created dynamically while work is progressing.
- More work can be done by a smaller team, leading to lower costs and fewer miscommunications.
- Less time and money are spent in process and administration because of higher document quality and better construction planning.



BIM FROM START TO FINISH:

PRE-CONSTRUCTION > CONSTRUCTION > POST CONSTRUCTION

BIM allows the team to make informed decisions early on, to develop scheduling of subcontractors and materials, to provide more precise as-builts, and to improve communication throughout the process.

- Major trades produce construction level models.
- Systems are spatially coordinated.
- Clash detection improves response time to RFIs and alleviates unnecessary work during construction.
- Issues are resolved digitally, mitigating costly mistakes, and rework.



BIM BENEFITS:

- Improved conception.
- Improved productivity by means of easy information retrieval.
- Increased coordination of construction documents.
- Linking of vital information such as vendors for specific materials, location of details, and quantities.
- Increased speed of delivery.
- Reduction of overall costs.



LAS VEGAS OFFICE:
3579 RED ROCK STREET
LAS VEGAS, NV 89103
702.877.6111

RENO OFFICE:
10385 DOUBLE R BLVD., SUITE 100
RENO, NV 89521
775.773.6111