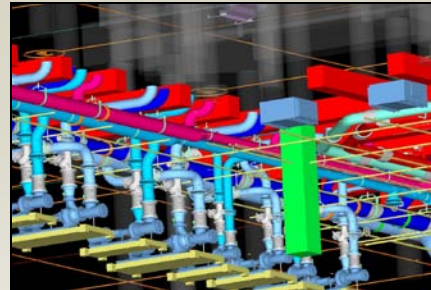
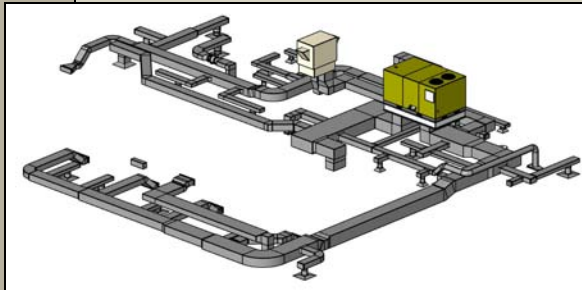


Building Information Modeling (BIM)

A Shared Knowledge Resource

CJL Engineering



Introduction:

BIM (Building Information Model) is a digital representation of physical and functional characteristics of a facility. As such, it serves as a shared knowledge resource for information about a facility forming a reliable basis for decisions during its life cycle from design through construction and onward.

CJL BIM Execution Plan

- Coordination before the project starts lets the entire collaboration team allow for best practices and managed expectations.
- A CJL Engineering BIM model will contain electrical lighting, equipment, wiring, fixture schedules, panel schedules, mechanical equipment, related ductwork, air terminals, mechanical schedules, plumbing fixtures, piping accessories and related plumbing fixture schedules.
- The QA process from a BIM perspective is completely automated, eliminating countless hours spent manually reviewing 2D drawings. This ongoing process allows for clash detection of 3D elements between trades which encourages more effective communication between the entire BIM team.
- Project wide conformity results when BIM team members are able to share and standardize information producing high quality and accurate documentation.