

AN INTRODUCTION TO BIM COMPONENTS

BIM DRAFTING SERVICES SINCE ITS EMERGENCE IS BRINGING TRANSFORMATION IN THE CONSTRUCTION INDUSTRY IN THE WAY TRADITIONAL METHOD OF CONSTRUCTING A PROJECT WAS DONE EARLIER. GOVERNMENT IS MANDATING BIM IMPLEMENTATION IN PUBLIC WORKS AND OTHER INFRASTRUCTURE.

BIM IS ALL ABOUT MANAGING CREATING, AND SHARING OF DATA OR INFORMATION THAT CAN BE USED FOR REPRESENTING MODELS. ALL THE DATA PROCESSED IS BASED ON STANDARDS AND REGULATION TO RESPECTIVE COUNTRIES WHERE BIM PROJECTS ARE UNDERTAKEN.

COMPONENTS OF BUILDING INFORMATION MODELING

B IS FOR BUILDING

BIM IS USED FOR BUILDING DESIGN OF A STRUCTURE OR NEW HOUSE DEVELOPMENT THAT CAN RELATE TO ARCHITECTURAL, STRUCTURAL, AND MEP DISCIPLINE IN A PROJECT.

THE BUILDING ALSO COMPROMISES OF OTHER DIFFERENT STAGES SUCH AS THE DEVELOPMENT OF DESIGN AND STRUCTURE.

CONSTRUCTION OF BUILDING ITSELF IS A DIFFERENT STAGE WHERE THE LAYOUT AS DECIDED IS MADE, AND AFTER THAT, SURVEYING AND MAINTENANCE ARE DONE AT THE END STAGE.



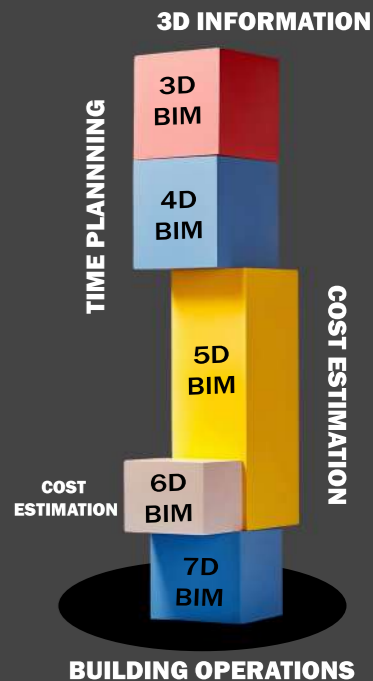
I IS FOR INFORMATION

INFORMATION IN A PROJECT CAN INCREASE THE PRODUCTIVITY OF CONSTRUCTION WORKERS AND STAKEHOLDERS AS THEY CAN RECTIFY ANY CONFLICT IN THE DESIGN PHASE ITSELF.

IN A COMMON DATA ENVIRONMENT IS ALL THE INFORMATION ON CLOUD STORAGE SHARED WITH ALL THE DISCIPLINARIANS AND COMMUNICATION IS MADE EASY.

INFORMATION HERE IS ABOUT THE MATERIAL, COST OF MATERIAL, WORKER'S PRESENCE ON THE JOB, TRACKING RECORD OF WORKERS, WASTAGE MADE ON-SITE, ANY ACCIDENTS REPORTED, AND MORE.

IT BOOSTS COLLABORATION AND COORDINATION WITH DISCIPLINAS IN THE PROJECT INVOLVED AND INCREASES THE COMMUNICATION.



M IS FOR MODELING

MODELING IS A VIRTUAL REPRESENTATION OF THE PROJECT BEING CONSTRUCTED AND SHOWCASING THE MODEL TO CLIENTS IN A REAL ENVIRONMENT TO MAKE THE PROJECT LOOK LIKE REAL.

MODELING IN A PROJECT SHOWS THE ASPECTS OF THE BUILDING AND PROCESSES THE INFORMATION ACCORDING TO STANDARDS AND ENHANCE THE OBJECT PLACEMENT TO CLIENTS.

