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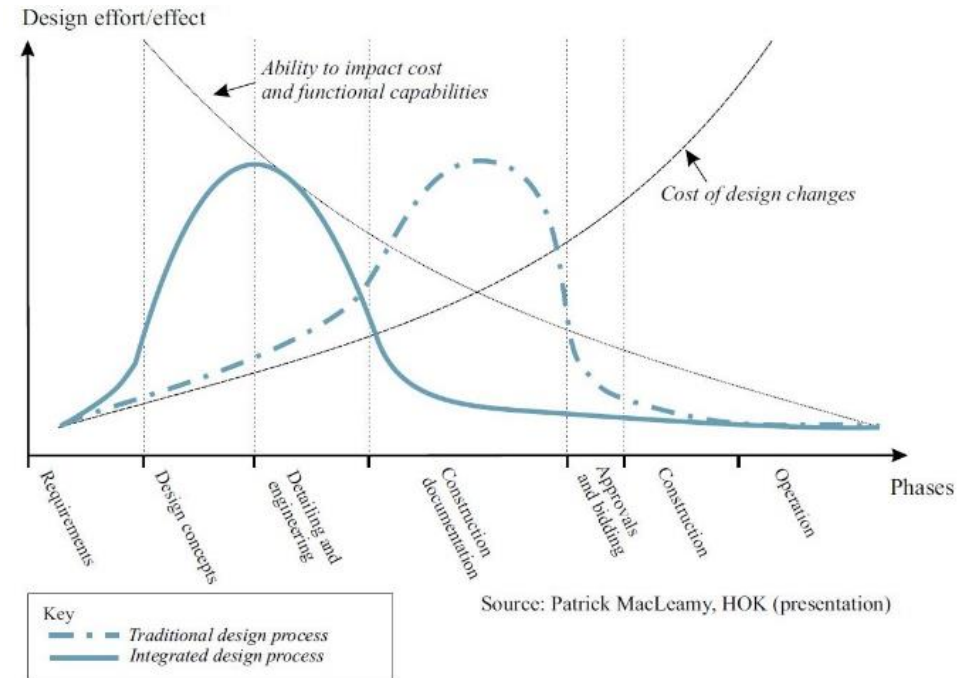
BENEFITS OF BIM SERVICES IN THE PROJECT

	CLIENT/ DEVELOPER	ARCHITECTS/ CONSULTANTS	CONTRACTOR
ACTUAL QUANTITY FOR ALL SERVICES HELPS IN MANAGEMENT OF CASH FLOW/ MAN & MATERIAL FLOW WELL IN ADVANCE			
ACTUAL VISUALIZATION OF BUILDING BEFORE CONSTRUCTION REDUCES 2D IMAGINATION ERRORS			
MINIMIZES THE REWORK RESULTS INTO TO REDUCED CONSTRUCTION COST, HUGE SAVING IN MATERIAL/LABOUR WASTAGE			
COORDINATION OF ALL SERVICES SOLVES PROBLEMS/ CLASHES BEFORE CONSTRUCTION REDUCES OVERALL CONSTRUCTION DURATION			
FASTER DOCUMENTATION/DRAFTING WITHOUT LOSS OF COST & QUALITY			
EASY MAINTAINANCE OF BUILDING LIFE CYCLE/ EASY TO MAINTAIN ALL DATA IN ONE FILE			
EASY TO UNDERSTAND BUILDING AS BUILDING VIEWS ARE IN ACTUAL 3D FORM			
INCREASES PROJECT VIABILITY IN TERMS OF FINANCE/ TIME PERIOD WHICH MINIMIZES RISK FACTOR			
MODEL CAN BE USEFUL FOR ENERGY MODELLING			



BENEFITS OF BIM

- DATA ONCE ENTERED CAN BE REPROCESSED THROUGHOUT THE LIFE CYCLE OF THE PROJECT
- METHOD WIDELY HELD FOR CLASH AVOIDANCE
- REDUCES COSTS
- REDUCES RE-WORK
- FASTER DOCUMENTATION/DRAFTING WITHOUT LOSS OF COST & QUALITY
- MODEL BEHAVIOUR CAN BE ANALYSED
- BLENDING GEO-SPATIAL AND BUILDING INFORMATION FOR PLANNING
- REDUCING REQUESTS FOR INFORMATION AND CHANGE ORDERS
- WORK ON A SINGLE 3D MODEL RATHER THAN A MULTITUDE OF SEPARATE 2D FILES
- IMPROVING AWARENESS OF PROGRESS AND CURRENT STATUS OF PROJECT
- REDUCING CYCLE TIMES BETWEEN REVIEWS & RFI'S
- CREATING A TIME-BASED SIMULATION OF CONSTRUCTION ACTIVITIES
- IMPROVED COMMUNICATION BETWEEN CLIENT AND SUPPLIER
- ENSURING LOWER WHOLE-LIFE COSTS FOR THE ASSET THROUGH SUSTAINABLE DESIGN – TESTED OUT AT THE DESIGN STAGE
- QUANTITY TAKE-OFF
- CLARITY IN CONSTRUCTION SEQUENCING
- ENERGY ANALYSIS
- INCREASES PROJECT VIABILITY IN TERMS OF FINANCE / TIME PERIOD WHICH MINIMIZES THE RISK FACTOR



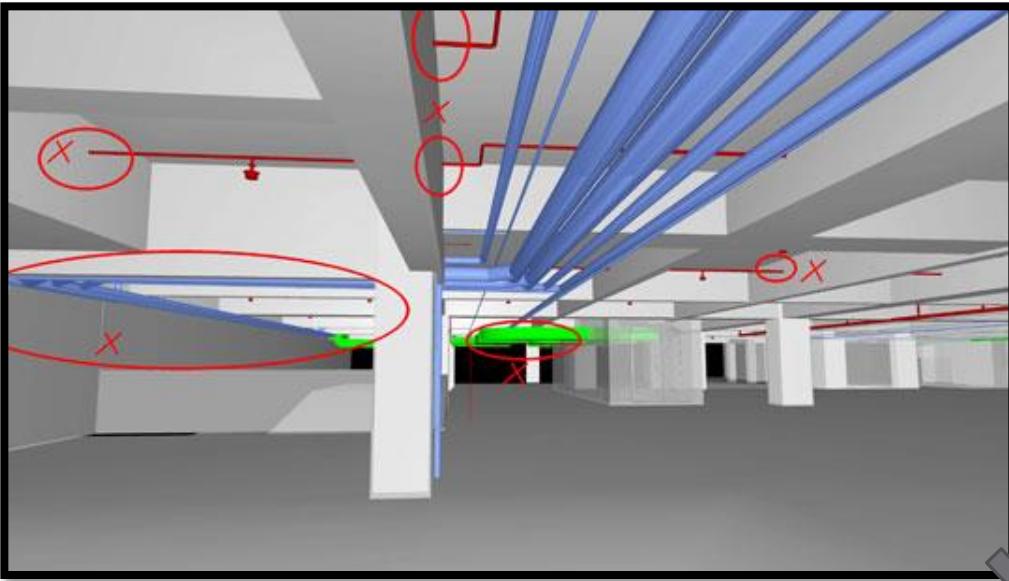
DURING CONSTRUCTION

- SOLVES CLASHES BEFORE CONSTRUCTION.
- NO DISTURBANCE TO STRUCTURAL ELEMENTS AS ALL SLEEVES CAN BE PLANNED IN THE BIM MODEL.
- REDUCE CONSTRUCTION WASTAGE .
- QUALITY CONSTRUCTION OF ALL SERVICES.
- SAVES TIME.
- 3-D DRAWINGS BRINGS CLARITY AT SITE.

AFTER CONSTRUCTION

- EASE OF MAINTENANCE DURING RENOVATION.
- DETECT PROBLEMS DURING SERVICE FAILURE.
- FUTURE MODIFICATION AND ITS ESTIMATION.
- USERS GET EXACT BENEFITS WHICH WAS PLANNED.





- BIM is not about what consultant think should be in project but its all about what an owner/builder and fabricator need to understand the project and can solve the queries before execution.
- BIM allows the project team to visualize, simulate and analyze a project before construction.

- Owner can review the design before construction and predict how the design of the project will satisfy their needs and imagination.

