

# WHAT'S THE DIFFERENCE BETWEEN?

## CAD DRAFTING

CAD Drafting Services is a digital representation of building a model through AutoCAD Software that helps the drafters to accomplish project faster and takes less time in rectifying errors.

## MANUAL DRAFTING

Manual Drafting or hand-drawn sketch by the draftsmen earlier was considered as the backbone for the construction industries as it provides an accurate drawing of a building model.



## DATA STORAGE AND ACCESSIBILITY

CAD drafting a computer-based drawing on software that can be saved on the server or cloud computing technology which can be stored easily and can be accessed in future from anywhere.

Manuel drawings storage is not that easy as requires drafting papers to be stored in larger space and imposed a risk of being damage easily.

## 3D CAD MODELS



Before commencing the construction project, the owner can view the design and its components in 3D CAD models through AutoCAD software, which helps him to know about the building.

Unlike manual drawings, based on drawing we call on visualization power to know how the building's aesthetic values would look, which after construction would be challenging to interpret.



## REVISIONS

Editing tools can be accessed in CAD software, which eases the process of modification in the drawing.

The manual drafting method requires the need for redrawing and erasing some parts of drawings that are incorrect; hence, revision is often crucial in the hand-drawn method.

## ACCURACY



Ideas are easily converted into actual concepts when designs are drawn on CAD Software as it is computerized drawings that provide accuracy in giving details.

Manual Drafting is hand-drawn so Can an take a lot of time to be accurate in providing a detailed drawing.



## SPEED AND TIME

CAD software allows tools to solve the errors and speed up the design process and its evaluation.

Manual Drafting that needs rework on the drawings for resolving any corrections and is a time-consuming process.

## BETTER QUALITY DESIGNS



Better tools are available in the CAD software for the design professionals to carry out design and proposed design analysis easily. It aids in achieving high quality and accuracy bringing lower errors.

The manual drawing would need redrawing of components or part of buliding a structure to improvise any changes in the model