

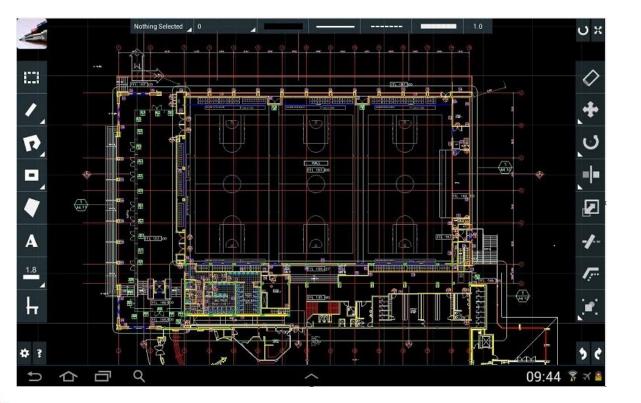
DIGITAL DESIGN TOOLS IN ARCHITECTURE THE PAST, THE PRESENT, AND THE FUTURE

Colloque International sur l'Architecture et l'Urbanisme

3rd June 2022 Université Nouveaux Horizons

Arch. Wilson Mugambi President, AAK

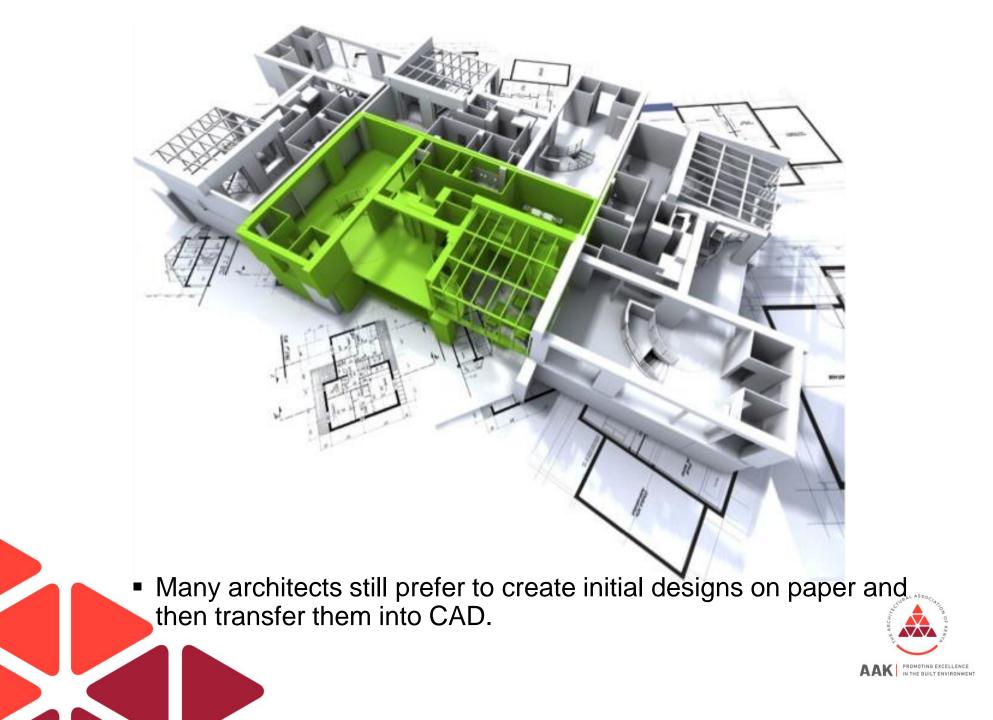


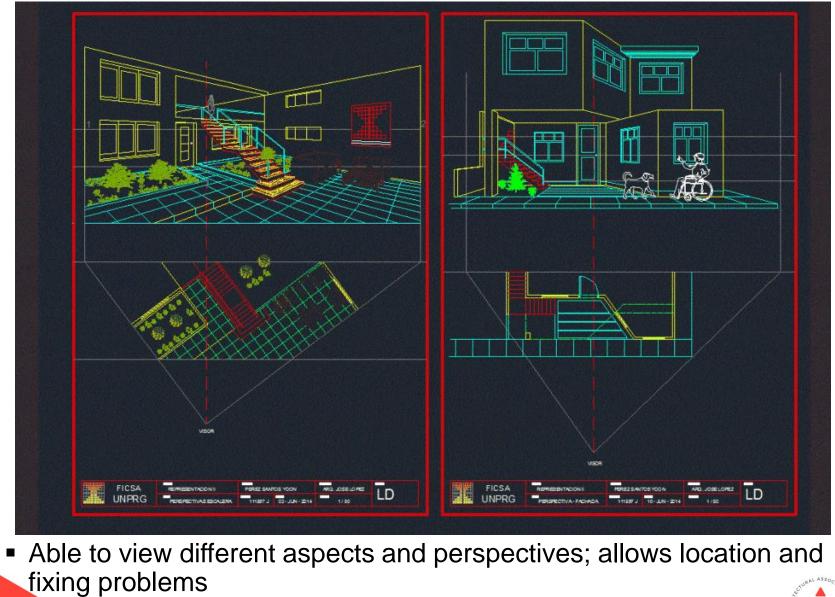




 Computer-Aided Design (and Drafting) Disrupted the drawing table and pen drafting, by the mid-1990s.







AAK PROMOTING EXCELLENCE IN THE BUILT ENVIRONMENT





 Building Information Modelling Provides more advanced capabilities beyond CAD: 4D





Collaboration is at the heart of BIM





- Better visualization
- Accurate quantification of supplies



3 The Future: Blockchain, AR & Al





 Blockchain's distributed ledger technology will become mainstream in many business activities to decentralize and democratize information





 Augmented and virtual realities (AR/VR) will let you "walk the site" before groundbreaking





 Artificial Intelligence uses data to make decisions and recommendations will be crucial to the design process, especially in the early stage of an architectural project.





Thank you!

