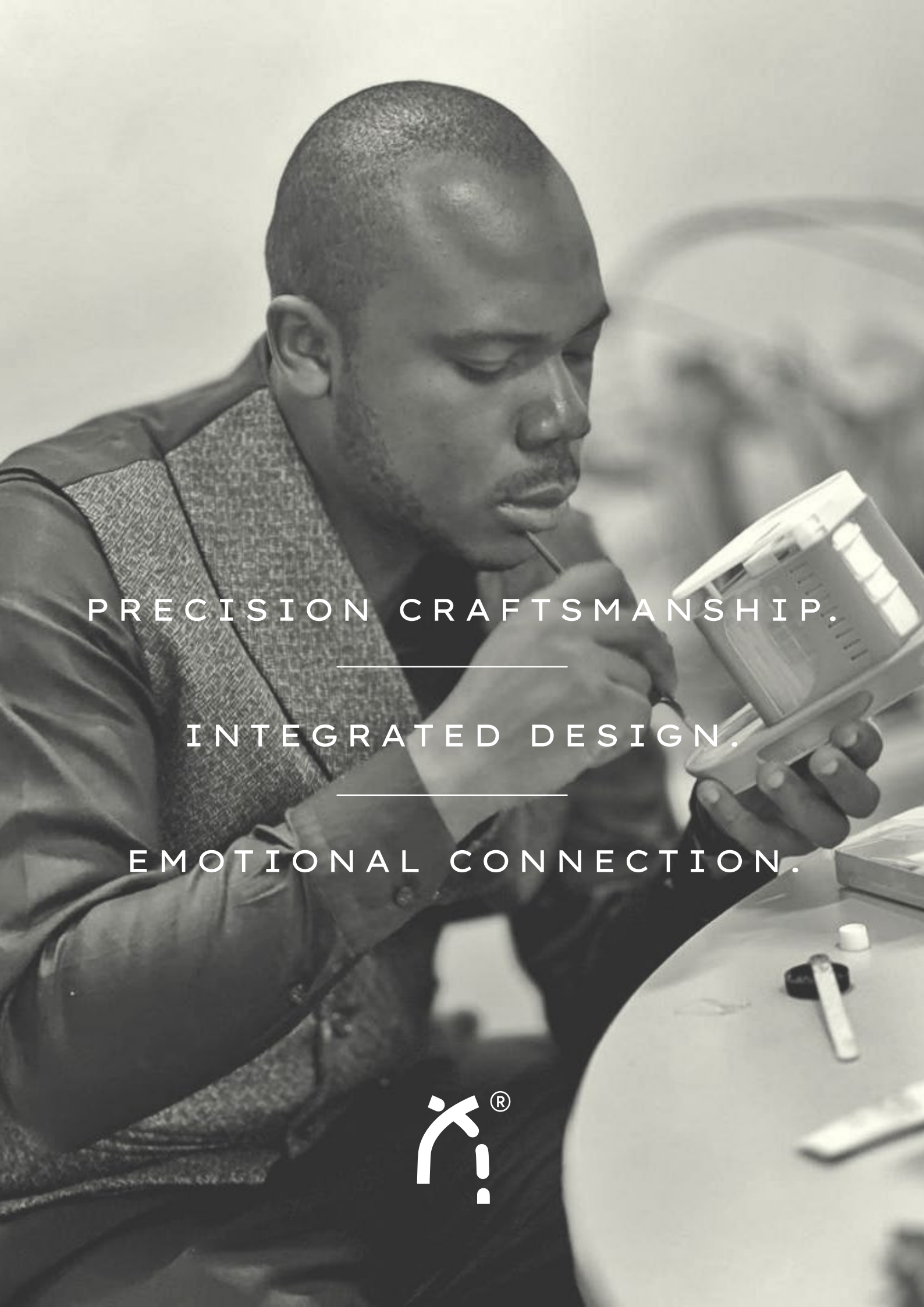
Grey Boulders®



SCALE MODEL LAB

Bridging the Digital and Physical Divide




PRECISION CRAFTSMANSHIP.
INTEGRATED DESIGN.
EMOTIONAL CONNECTION.



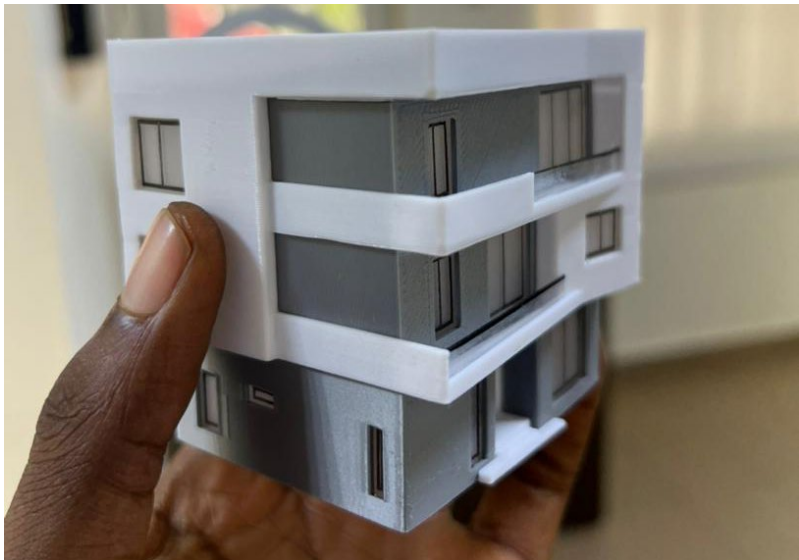
In a modern landscape dominated by screens, scale models remain indispensable.

While 3D visualization offers immersion, physical scale models provide the tactile engagement crucial for design analysis, stakeholder communication, and the deepening of emotional connection with the end-user.



We have bridged the gap between digital concepts and physical reality.

As an integrated design & build firm, our Scale Model Lab operates in synergy with our Architectural Design and 3D Visualization teams, ensuring a seamless workflow from initial sketch to final miniature.





Seamless workflow from design file to physical model, guaranteeing integrity and rapid iteration.



We combine 3D printing (Bambu, Creality K1 Max printers) with laser cutting for both precision and aesthetic warmth. We also work with traditional materials like paper, fabric, resin and plastics to produce a realist and beautiful finish.



We have leveraged the multi-service units of our company to minimize external dependencies. A good example is this largescale APO 757 housing estate where we made a spectacular 2-week turnaround delivery.



Our replicas serve as a powerful client-retention and sales tools.

Presentation Models

The Sales Catalyst

The ultimate marketing tool for sales centers and corporate lobbies. Made with a blend of traditional materials (paper, fabrics, plastic, resin) and mounted on a movable wooden platform with glass covers.

PROJECT

Apo 757

CLIENT

Moncrieff & Hughes

SCALE

1:200

Housing estate comprising 47 units of different house types. All housing components 3D printed, showcasing high-volume production speed.





PROJECT

Alicorn

CLIENT

RICS

SCALE

1:100

Wooden base with 3D-printed facade to capture the material texture.







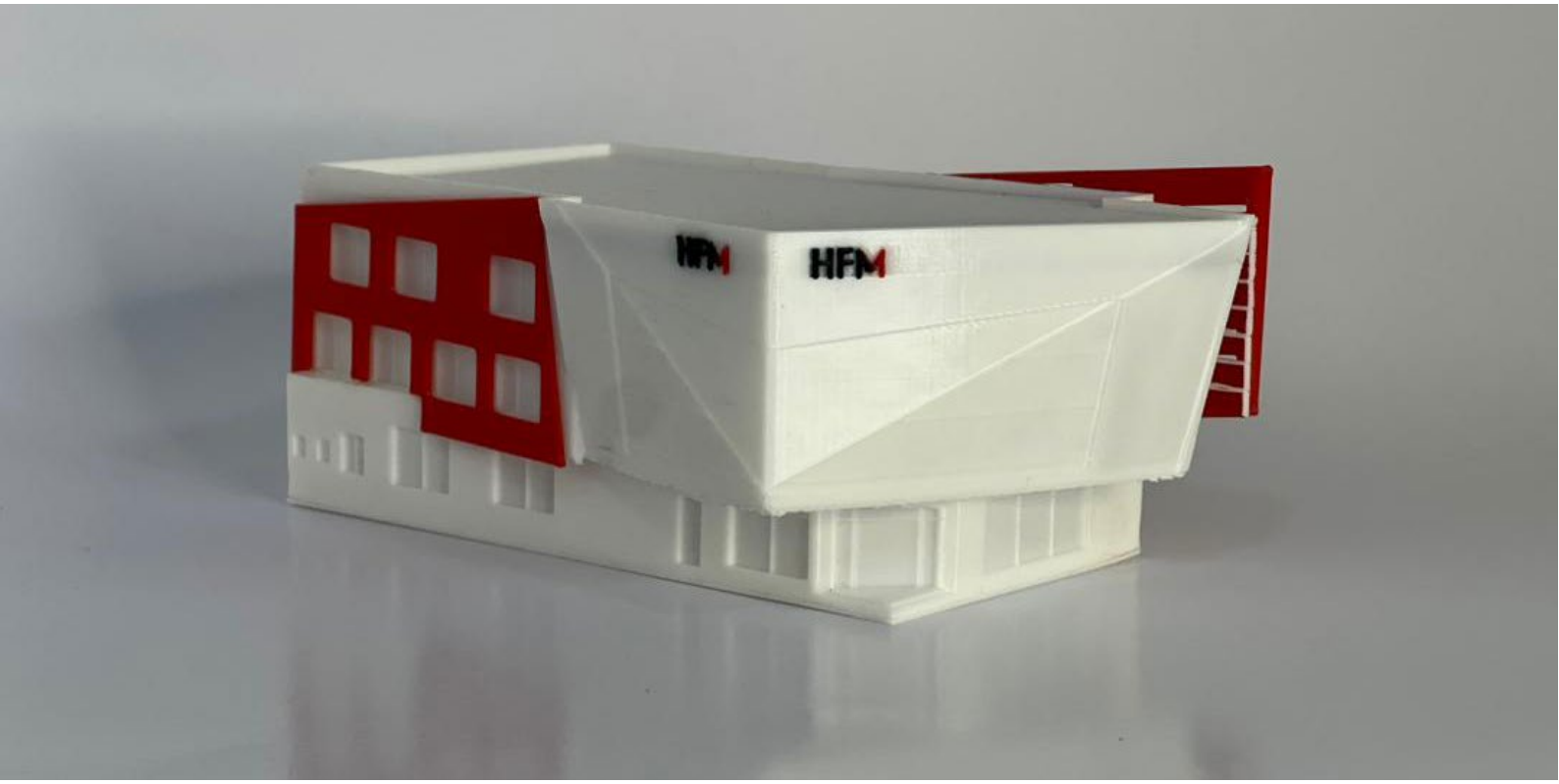


Conceptual Prototypes

The Design Tool & Bespoke Decor Piece

These 3D printed standalone prototypes are great as signature decor pieces and for testing massing and spatial relationships.

Our involvement in the design phase ensures the prototype directly refines the digital concept.

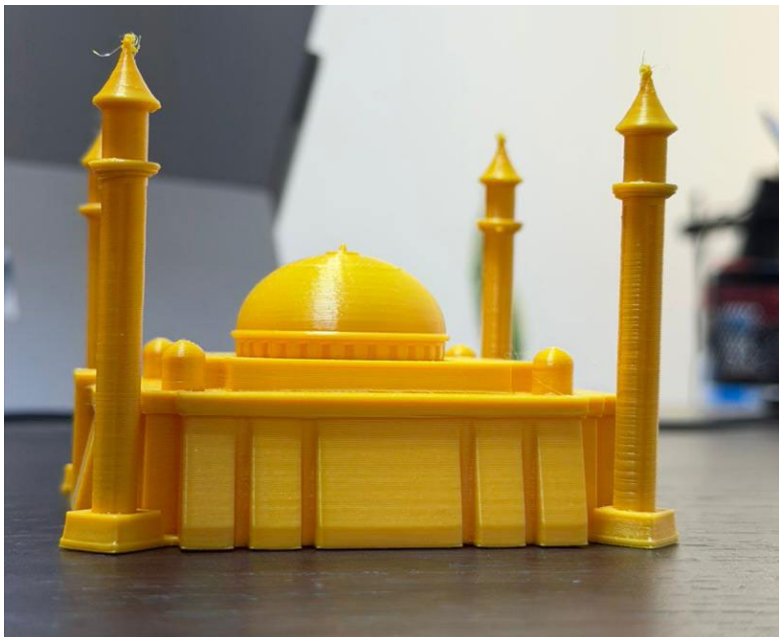






CONCEPTUAL MODELS







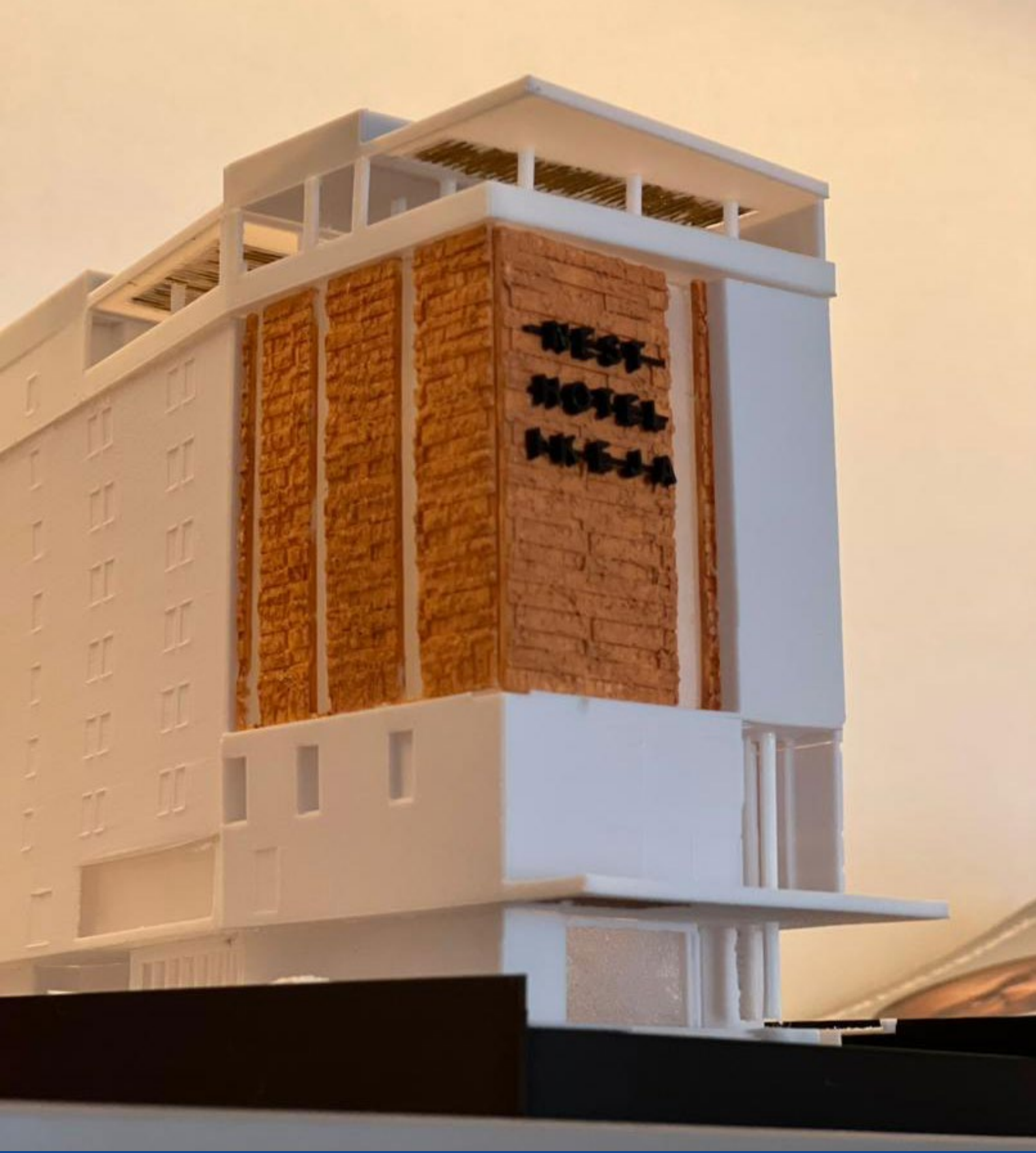






Make a physical extension of your architectural plans using the optimal blend of 3D printing precision and hand-crafted originality.





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