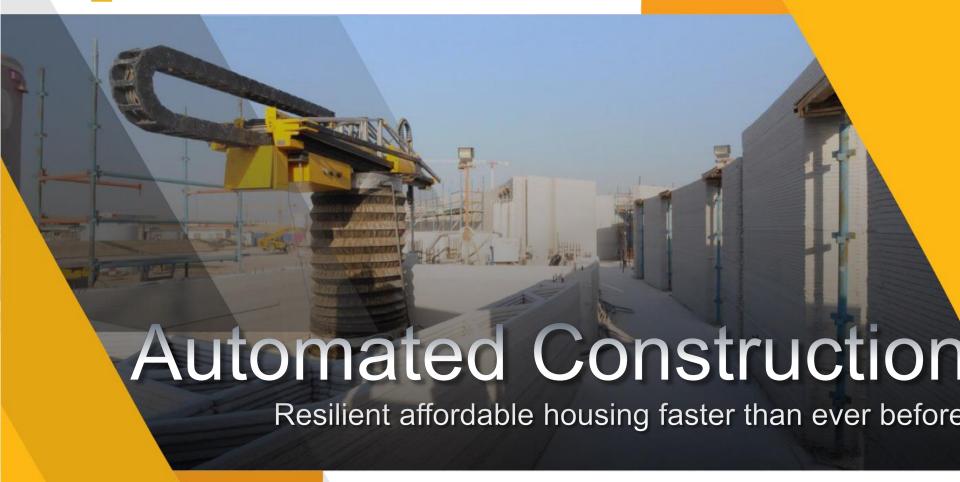
# capis cor | we print buildings











### TRADITIONAL

#### CONSTRUCTION

10-25% of project costs due to **HUMAN ERROR**.



92% of US homes are wood-framed



Median **DELAY is** more than **200 days** 



**C&D WASTE** is the largest contributor to landfills



Designs **LIMITED** to straight lines & corners





### **3D PRINTED**

#### CONSTRUCTION



Superior **QUALITY** with robotic precision



33% STRONGER than concrete block



Up to 9X **FASTER** than block construction



**ZERO WASTE** all electric and fully recyclable



DESIGN FREEDOM with AutoCAD or REVIT















### **AUTOMATE CONCRETE**

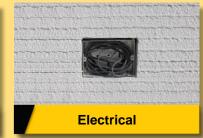












## COPY THE GOLD STANDARD

Concrete block construction is well-documented, widely practiced, and universally accepted.

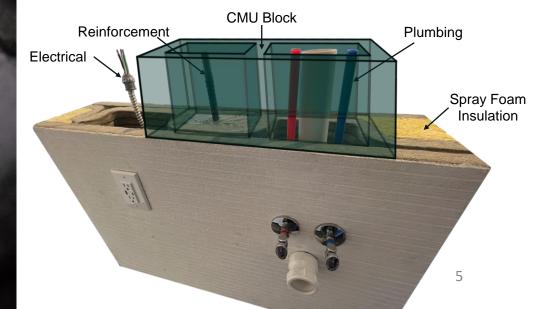
That's why we proudly copy it.

Finishing our homes is easy because every secondary trade does exactly the same work

work in exactly the same way as standard concrete block construction.

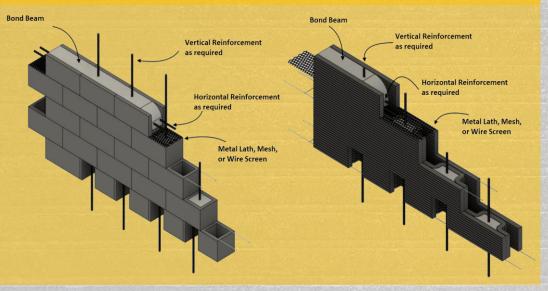
Doors – MEP – Roof – Slab – etc... No retraining. No new standards.

Just the same great homes



### CODE COMPLIANT CONSTRUCTION

#### 3D Printed Concrete Masonry Unit (CMU)





- IBC Chapter 7 compliance for structural fire resistance (2.25 hrs).
- IBC Chapter 7 compliance for equivalent thickness (4.5 in.)
- IBC 722.2.4 compliance Reinforced column size (8 in. X10 in.)
- IBC 722.2.4.2 compliance Reinforced column coverage (>2 in.)



- NCMA TEK 12-04D compliance for bar size (Max No. 8,9,11 for 8",10",12" walls respectively)
- NCMA NCMA TEK 12-6 compliance for Corrosion Resistance (>2in coverage for bars >No.5)
  - NCMA TEK 12-6 compliance for Joint Reinforcement (>5/n" coverage for exposed wire)



- ASTM C39 compliance for print material cylinder compressive strength (3,627 psi)
- ASTM C1314 compliance for printed CMU block compressive strength (2,350 psi)
- ASTM C642 compliance for absorption and density (17.1%, 101.3 pcf respectively)
- ASTM C293 compliance for flexural strength (2.8 Mpa)

