An Introduction to PERI

FORMWORK
SCAFFOLDING
ENGINEERING

FOUNDED IN 1969

Made in Germany

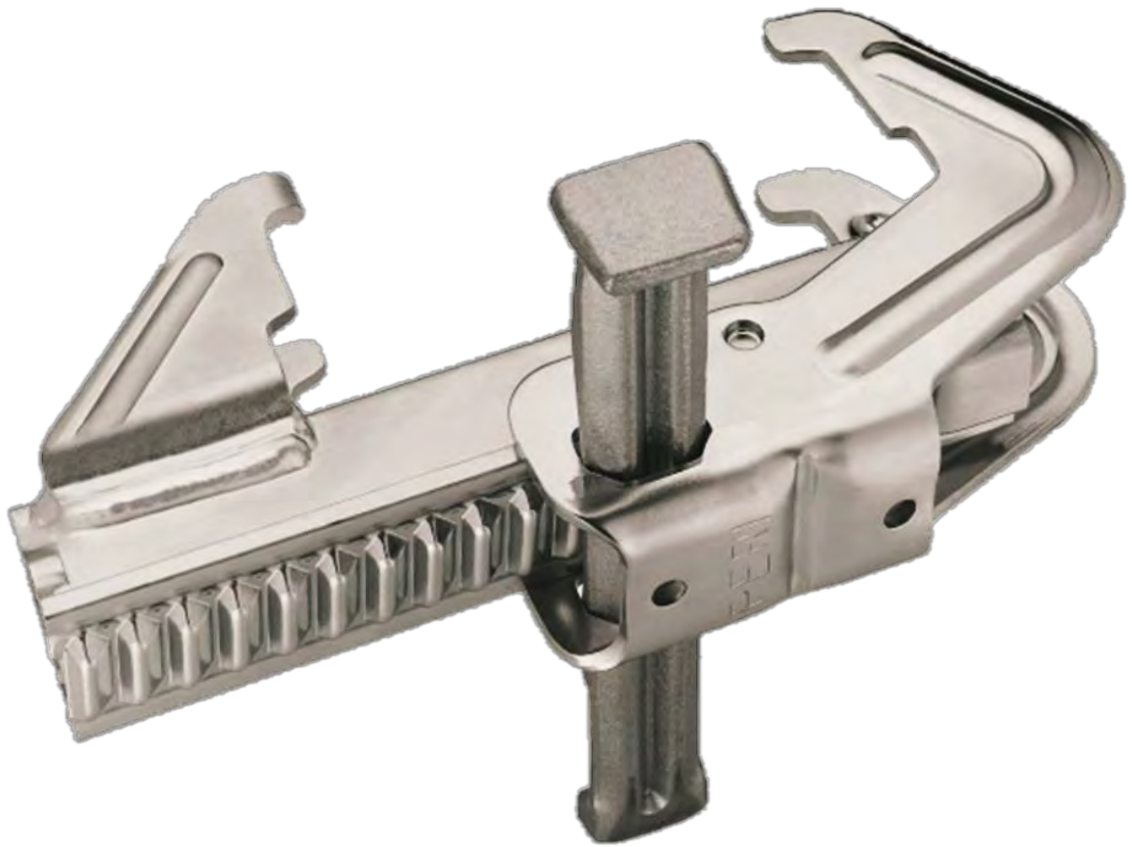
PRODUCTS ARE DEVELOPED AND MANUFACTURED AT OUR HEADQUARTERS IN WEISSENHORN, GERMANY

Global Expertise

PERI is represented on jobsites in over 90 countries worldwide. We offer global expertise across a wide range of construction projects all around the world

PERI USA

PERI USA currently has 8 yards that ensure timely delivery to jobsites nationwide and many more engineering offices and sales reps providing local support.



PERI provides the best possible solution

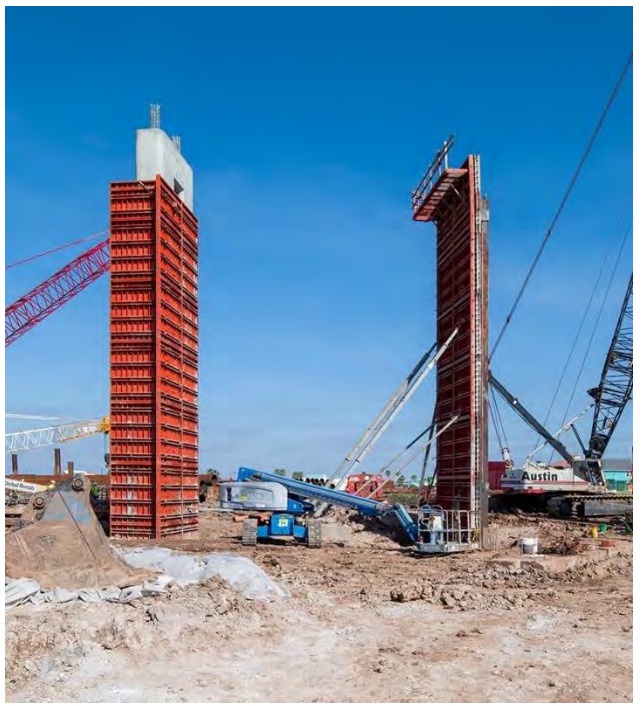
KEY OBJECTIVES FOR PERI DEVELOPMENTS

- Fast working leading to a reduction in labor costs
- Safe and reliable use regarding work safety and quality of execution
- Efficient solutions for increasing economic efficiency for PERI customers

Our Focused Approach

SEGMENTED APPROACH

Building Construction



Civil Infrastructure

Industrial

Efficient system equipment with practical details

Wall Formwork

Column Formwork

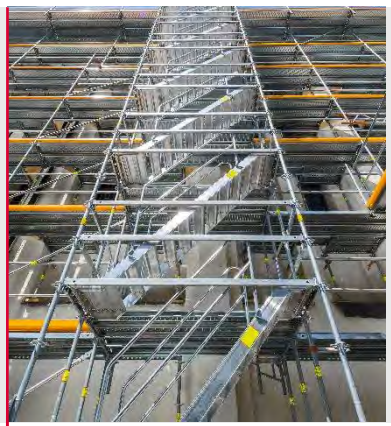
Slab Formwork

Universal Formwork

Custom Formwork

Working Scaffolds

Perimeter Protection



Shoring Systems

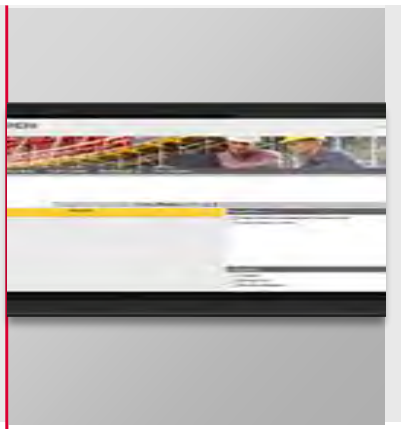
Temporary Access

Climbing Systems

Civil Engineering Systems

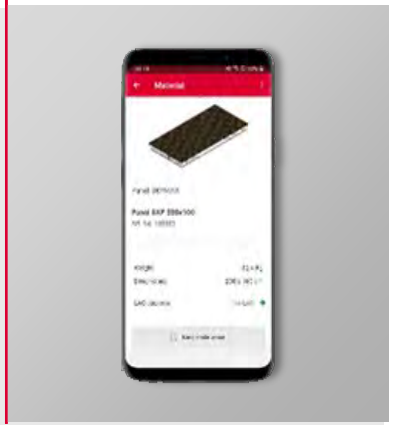
3-D concrete printing

PERI Services



Online
service platforms

Apps and Tools



REFERENCE PROJECTS

The JACX

New York, NY

One Chicago Square

Chicago, IL

The REACH at Kennedy Center

Washington D.C.

China Town Station

San Francisco, CA

Blue Lake Dam

Sitka, AK

North Fork Dam

Asheville, NC

Swiss Krono

Barnwell, SC

500 West Trade

Charlotte, NC

PERI

PERI

Building Rethought

3D CONSTRUCTION PRINTING

3D CONSTRUCTION PRINTING IN ACTION

MULTIDISCIPLINARY & INTERNATIONAL

Fabian Meyer-Broetz

Germany

Jan Graumann

Germany

Sam Hager

USA

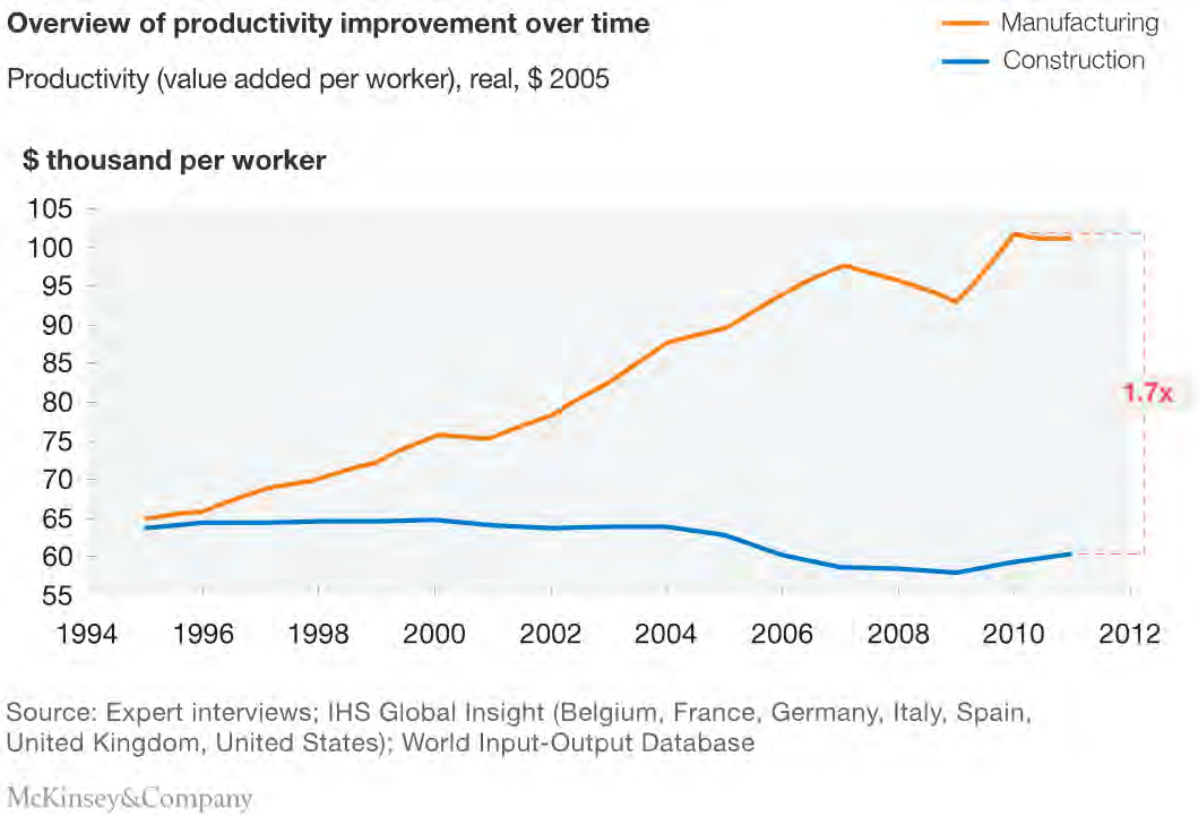
Roberto Cantu

USA

WHY IS 3D CONSTRUCTION PRINTING INTERESTING?

CURRENT CONSTRUCTION PROBLEMS

- Housing Demand Crisis
- Low Productivity of Construction Industry
- Limited Availability of Skilled Labor
- Durability
- High Maintenance, Repair, and Insurance costs



3D CONSTRUCTION PRINTING

- Physical Work is Done by the Printer
- Higher Productivity
- Attract Talent
- Better Materials and Quality Control
- Higher Durability
- Increase in Work Safety
- Design Optimization and Freedom

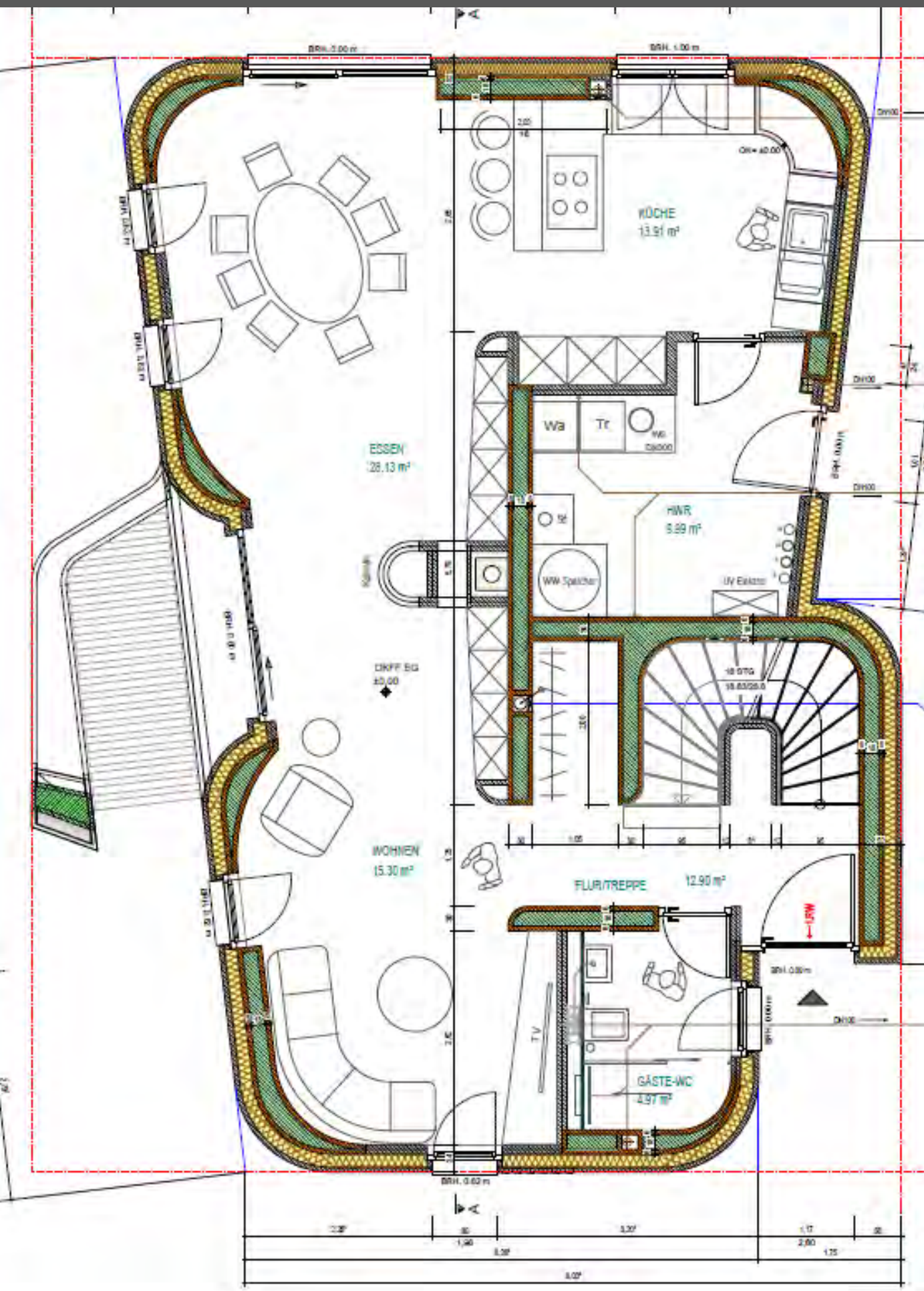
3D Construction Prining

DESIGN FREEDOM

REFERENCE PROJECTS

1st Fully Permitted Single Family Home in Germany

Beckum, Germany


KÜCHE
13.91 m²
ESSEN
26.13 m²
Wa
Tr
HWR
9.89 m²
WW Speicher
UV Elektro
OKFF EG
±0,00
WOHNEN
15.30 m²
FLUR/TREPPE
12.90 m²
LRW
TV
GÄSTE-WC
4.97 m²

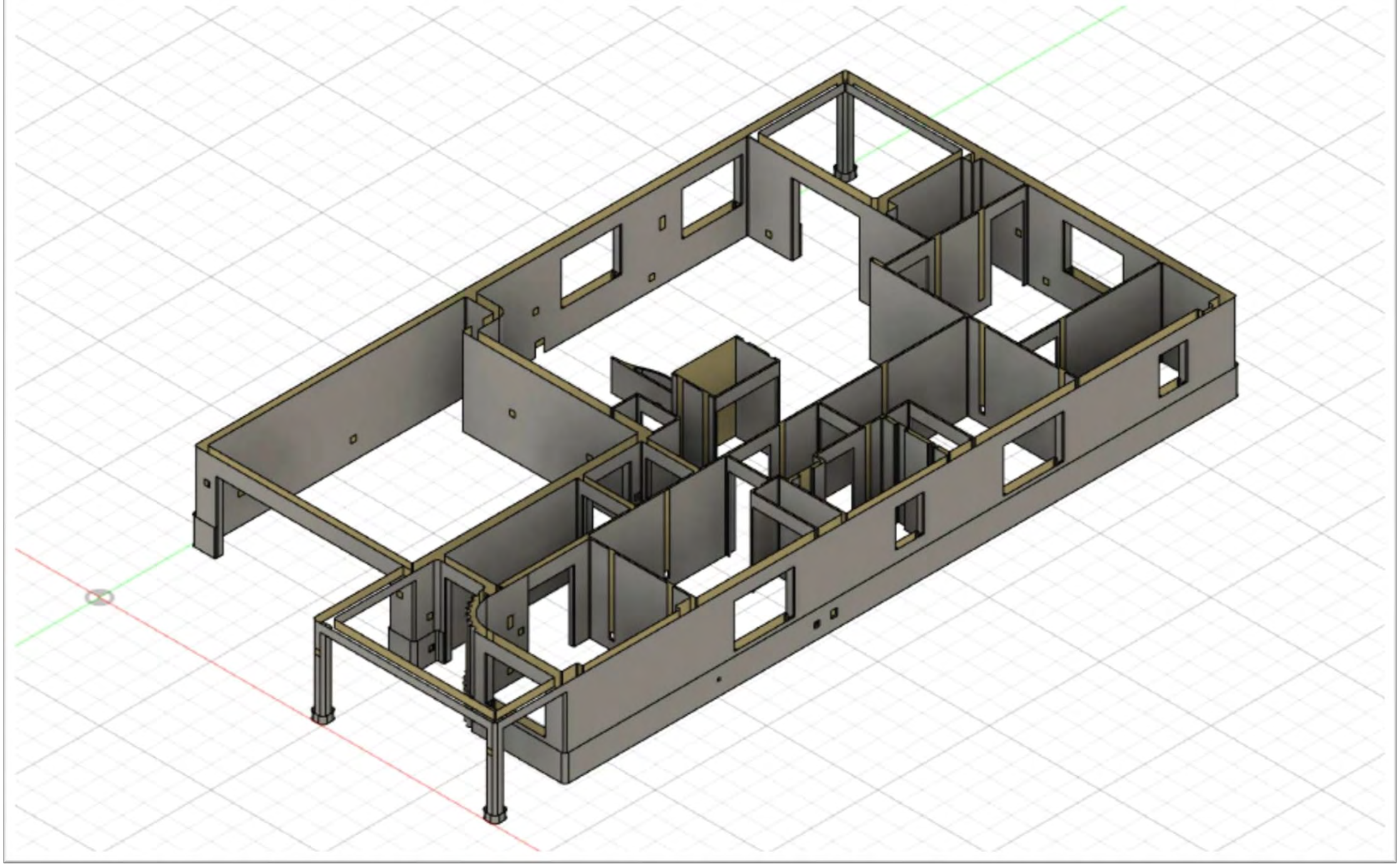
Multifamily Residence/Apartment Building

Wallenhausen, Germany


RUPP

Habitat for Humanity – Single Family Home

Tempe, AZ



3D Construction Prining

CONCRETE FINISH

OUR TECHNOLOGY

3D Construction Printing

MODULAR PRINTING SYSTEM

Configurable
With modules of 2,5m length (~8.2 feet) the printer is configurable in size for every applications.

Integrated
Integrated system for material handling via silo and pump

3D Construction Printing

SECOND GENERATION

- Source any printable material you want
- Use your own 3D printed nozzle designs
- Layer heights between 1 cm and 4 cm
- Layer width between 3 cm and 10 cm

THANK YOU, FOR YOUR ATTENTION