

STUCCO

/ PRECONSTRUCTION ENGINEERING UNIT



Structural
Engineering

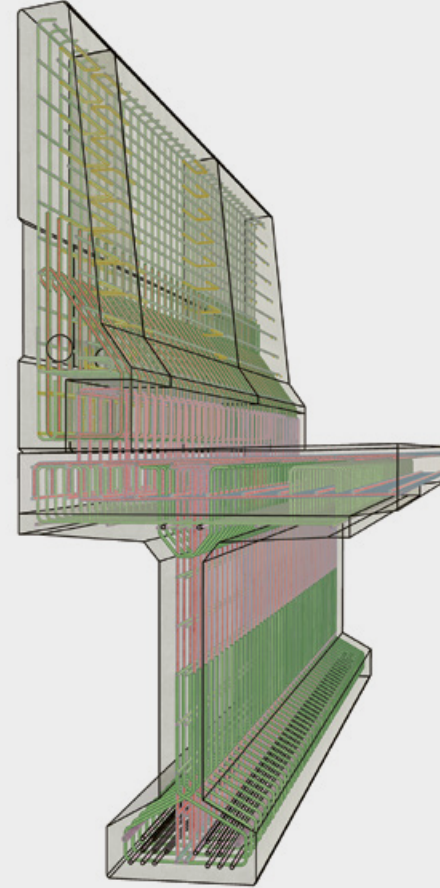
Digital Design &
Virtual Construction

OUR EXPERTISE

**stucco's
preconstruction
engineering unit**
offers high-quality
structural modelling
& detailing services.

STUCCO

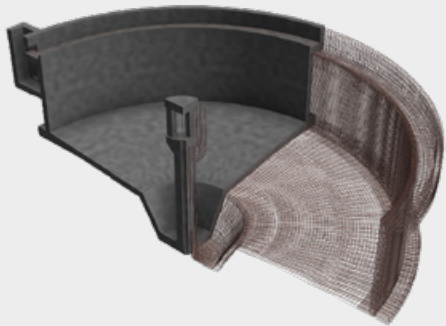
/ PRECONSTRUCTION ENGINEERING UNIT



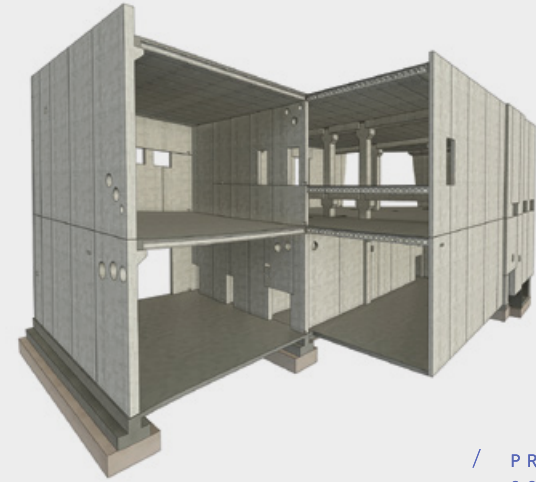
Structural
Engineering

Digital Design &
Virtual Construction

Precision modelling & detailing with **Tekla**

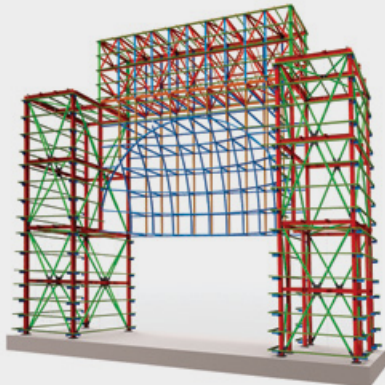


/ 3D
REBAR

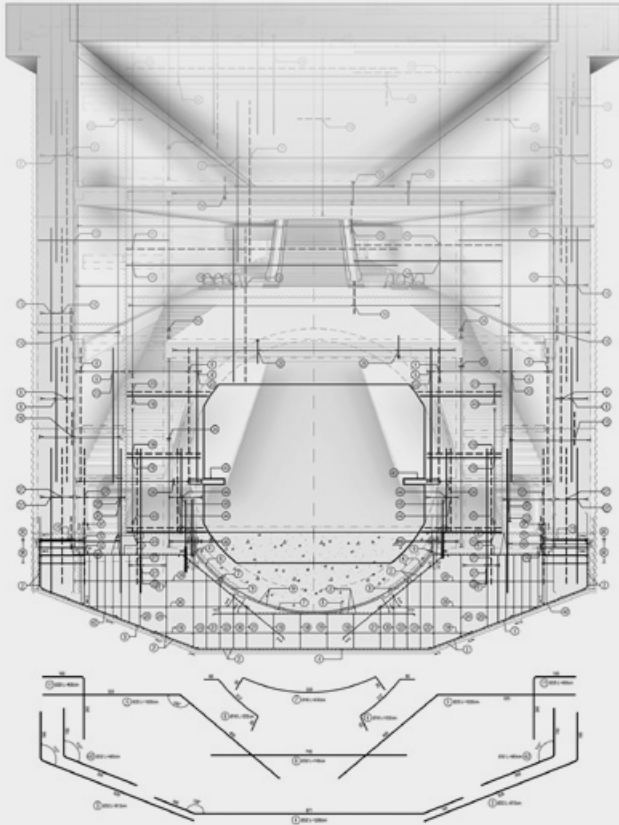


/ PRECAST
CONCRETE

/ STRUCTURAL
STEEL



Quick and reliable digital processes for detailing, clash detection and constructability check.



HIGH DETAIL
3D MODEL



MODEL-BASED
SHOP DRAWING

Single parts and prefabrication assemblies precisely detailed for shop machining and accurately marked for erection sequencing



MODEL-BASED
QUANTITY TAKEOFF

Quick and precisely computed quantities allow for better cost estimation



FEWER RFIS AND
REDUCTION IN FIELD ERRORS

REINFORCED CONCRETE

3D BIM Modelling and Shop drawing
Bar Bending Schedules
Formwork Shop drawing
Post-tensioning Installation



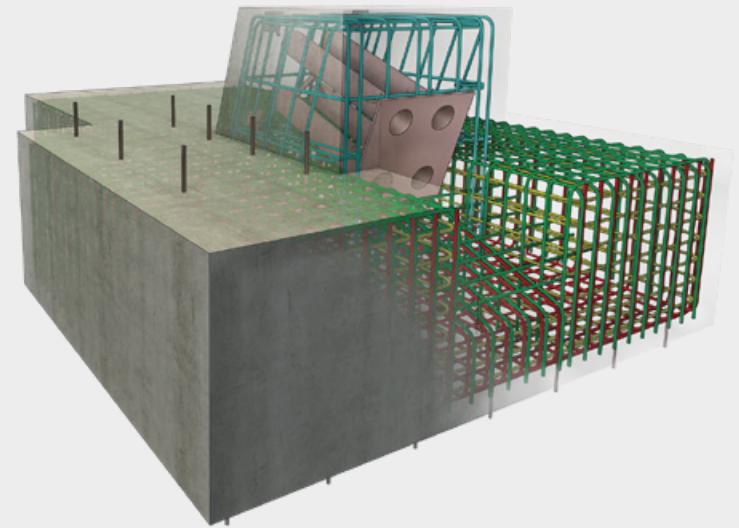
STEEL STRUCTURES

3D BIM Modelling and Shop drawing
Connection Design and Detailing



VIRTUAL DESIGN & CONSTRUCTION

4D BIM Construction Sequencing
and Assembly Simulation
Construction Stability Analysis and
Design of Temporary Works

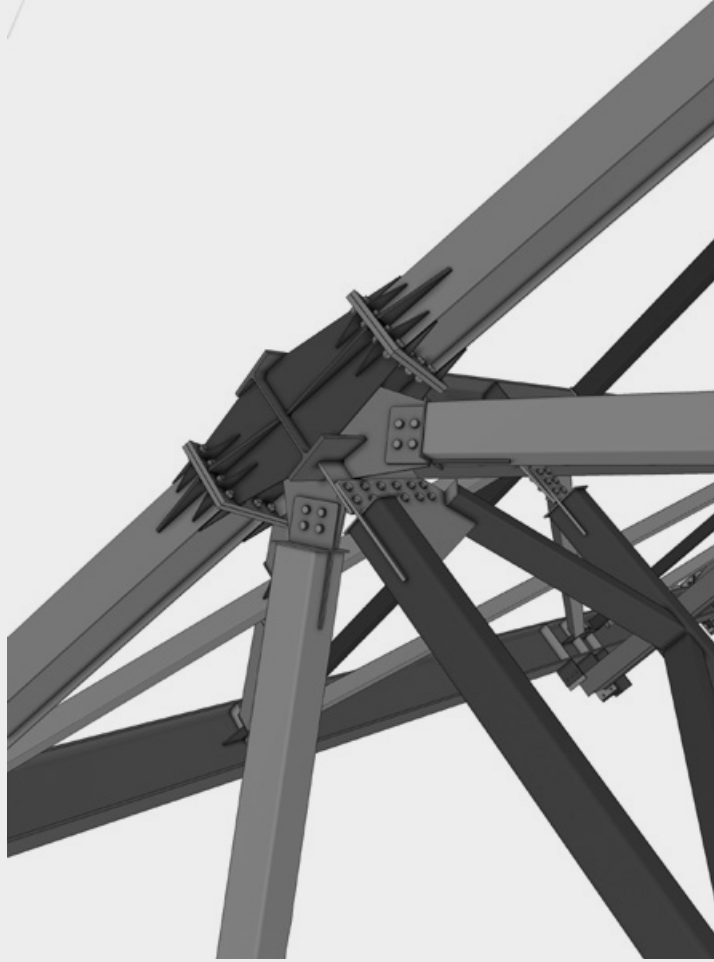


Build digitally first!
Reduce **project risks**,
costs & **execution** time.

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NORTE2020
PROGRAMA OPERACIONAL NORTE 2020

PORTUGAL
2020



UNIÃO EUROPEIA
Fundo Europeu de
Desenvolvimento Regional

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