METIB
structural engineering

PORTFOLIO

RC DESIGN AND DETAILING FOR SLIPFORM

www.metib.pl
www.metib.de
www.metib.co.uk

ABOUT US

01 Introduction

We have been offering our services remotely from our office in Wroclaw, Poland since 2008, providing significant benefits to all parties involved.
Our flexible approach allows for communication through various platforms, including phone calls, emails, MS Teams, Hangouts, and more.
Additionally, we highly value personal meetings and are willing to travel to meet our clients. We also warmly welcome clients to visit our Wroclaw office.
Rest assured, we carry a full range of necessary insurances.

02 Our services

- Static, dynamic and seismic calculations according to Eurocode.
- Finite element analysis FEA - buckling, fatigue analysis, structures optimization.
- Steel-to-steel connections design.
- Structural Building Information Modelling (BIM) and draughting.
- Reinforcement Concrete (RC) detailing.
- Steel detailing.
- Light cladding design & detailing.

03 Insurance

Professional indemnity insurance cover sum € 3 500 000.

04 RC design and detailing for slipform

We specialize in designing and detailing reinforced concrete structures optimized for slipform casting technology. Using slipform data, we customize designs to meet technology and assembly crew needs, reducing time and costs for reinforcement bar installation.
Our services include 3D formwork drawings and reinforcement detailing, utilizing Revit's IFC files for formwork and Allplan for 3D reinforcement modeling. Designs are presented as standard 2D drawings with bar bending schedules. We also offer IFC file format for BIM management, covering clash detection and production oversight. For more details, please contact us directly.

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ABOUT US

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Our projects

- residential buildings
- office buildings
- dormitories (PBSA)
- warehouses
- production facilities
- gantry halls
- shopping malls
- car showrooms
- silos
- biogas reactors (tanks)
- biogas plants
- substructures for machines
- foundations for machines
- foundations for wind turbines
- solar farms
- prefabricated facades
- prefabricated walls
- prefabricated columns
- prefabricated girders
- prefabricated landscape architecture elements

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Contact details

Are you in need of our services, or are you uncertain if we can assist you? We are always happy to discuss your needs and provide expert advice.

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Landsberger Allee
Berlin

Europe's largest modular construction project

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Dunaskin Street, Glasgow, Scotland

Five concrete frame blocks student accommodation.
METIB team prepared static analysis, Revit model,
GA drawings, detail drawings, RC detailing.

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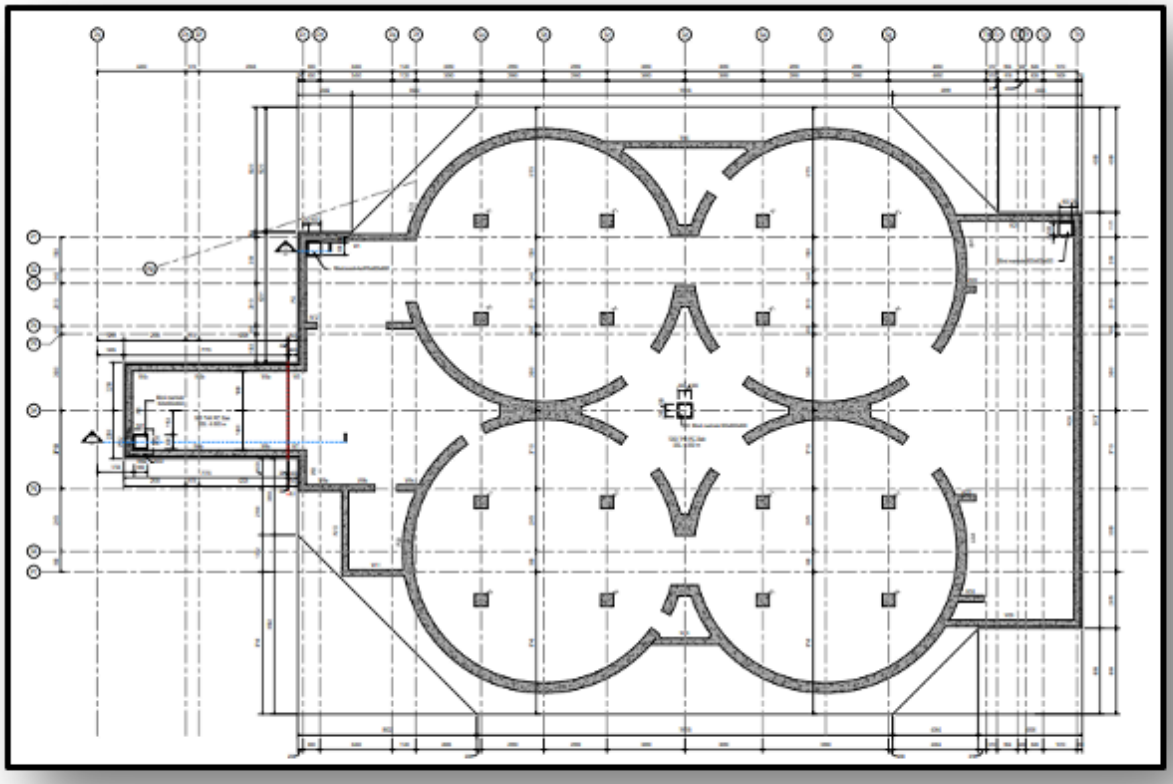
Sugar silo
Israel

MET prepared BIM model and RC detailing.

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