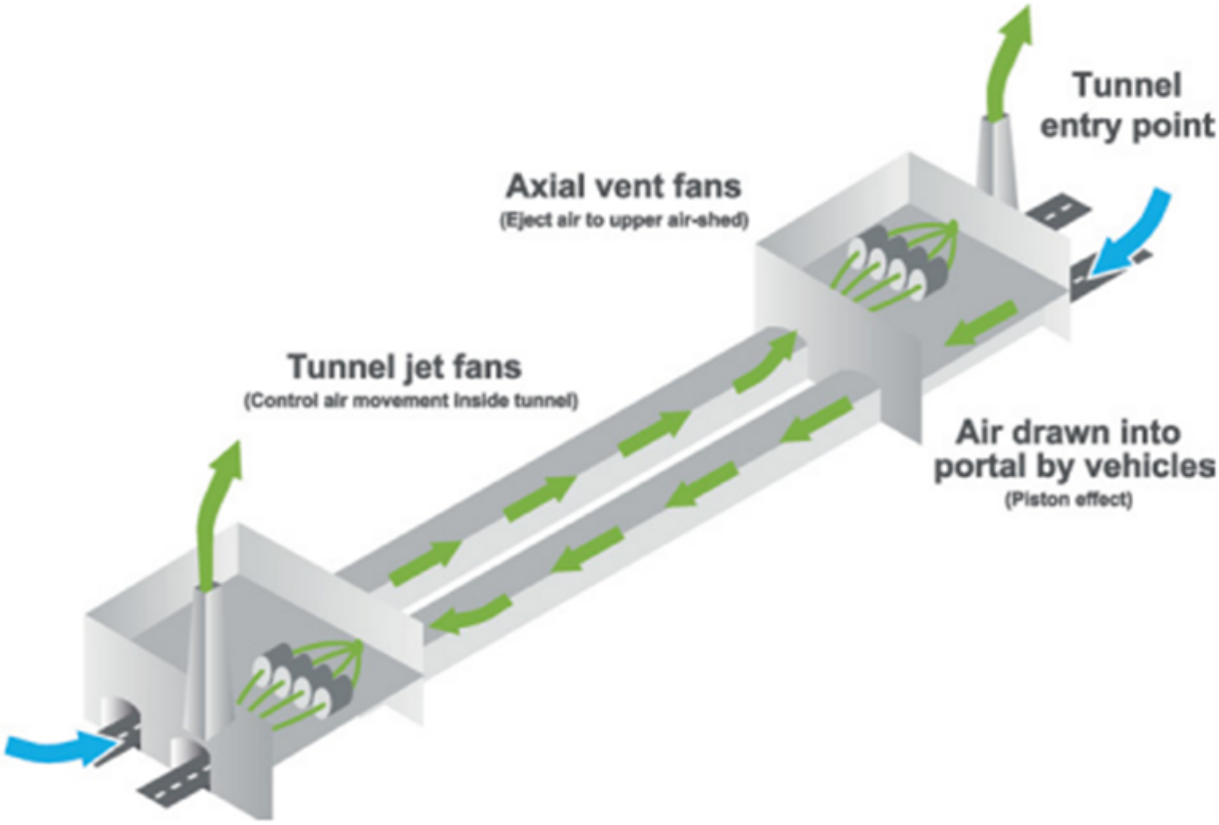
PAN GULF®
TECHNOLOGIES
STRUCTURING QUALITY

Underground Motorway Scheme - Australia

Precast Detailing in 3D(TEKLA) for Exhaust & Supply Ventilation Building



About Project

It's a 33-kilometer (21 mi) predominately underground motorway scheme currently under construction in Sydney, Australia. The motorway scheme, a joint project of the New South Wales and Australian governments, encompasses.

Scope Of Work

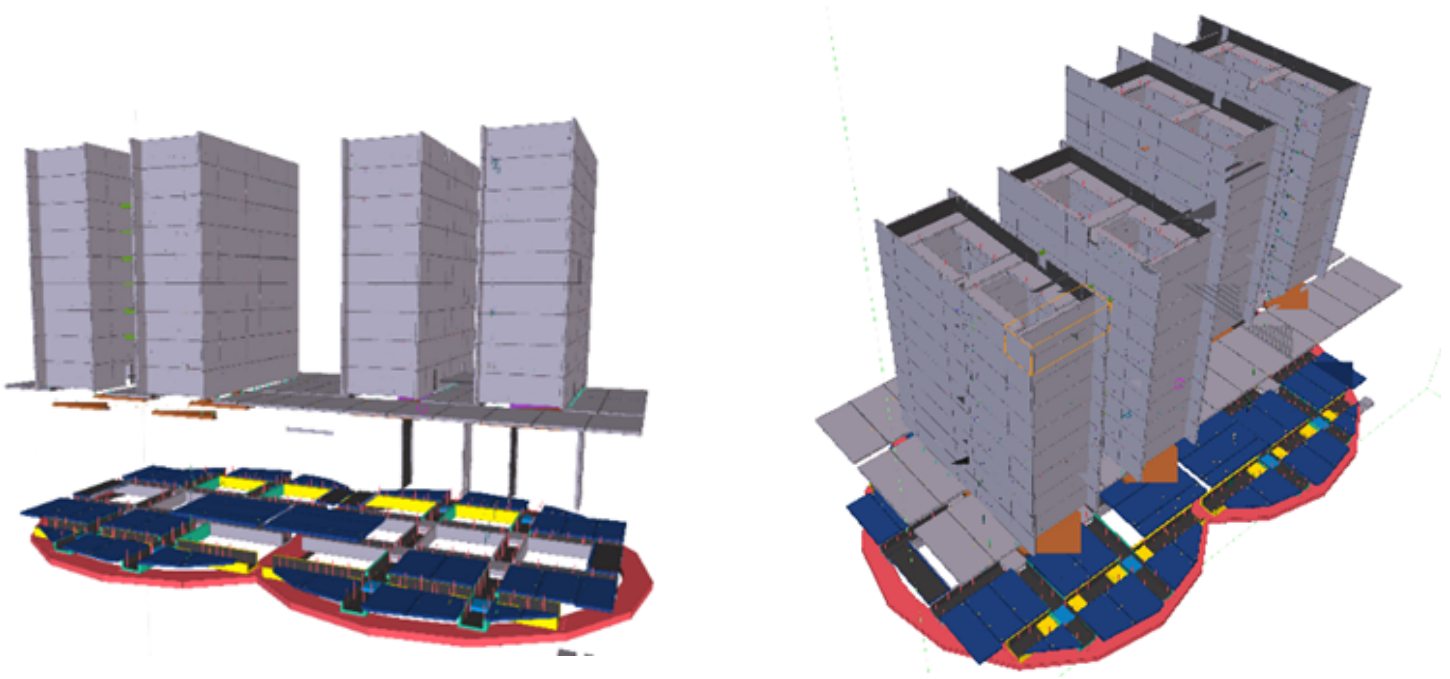
Precast Detailing in 3D(TEKLA) for Exhaust & Supply ventilation building, consisting of H Walls, Planks, Shell Beams, Columns. Total 550 Precast units Modelled in TEKLA & Shop drawings were generated for this Project.

Software Used

- 3D(TEKLA)

Key Challenges & Solutions

- Project was already delayed at client's end & PGT was shortlisted based on capacity to undertake challenging time lines. The drawings were delivered 2 weeks before the ETD.
- Being a multi-storey ventilation system building for a motor way. The collaboration of precast and ventilation system which was supported by steel structure was challenging.
- Constant updates in design drawings & communication expected on Acconex
- Special BBS requirement & accordingly CSV Files were to be submitted as a part of PGT's scope
- PGT's in house TEKLA technician programmed to prepare customised CSV Files



TEKLA MODEL SNAP SHOTS FOR EXHAUST & SUPPLY VENTILATION BUILDING

SECTORS

- Industrial
- Commercial
- Infrastructure
- Residential

BIM | Precast | Rebar | Steel | Plant Engineering

www.pangulftech.com info@pangulftech.com

REGIONS

- USA
- Europe
- Australia
- Middle East
- Asia Pacific