

Project: Rebar detailing for a power plant project

Client: A renowned client who offers power and energy solutions to companies in the energy and electricity industry.

Our client is a worldwide company that supports customers with efficient products, solutions and know-how along the entire chain of energy conversion – leader in engineering, technology and project management services for the oil and gas industry. They are making a key contribution to developing technologies and sustainable solutions to meet the world’s future energy needs. They specialize in the construction, development, and production of various power plants like turbine power plants, simple cycle power plants, combined cycle power plants, steam turbine power plants, etc. Due to work pressure our client needs structural detailers who can provide the same quality drawings as they do and can meet the time schedule.

Paradigm meets their very urgent requirement by providing expected quality rebar drawings in the scheduled time. Then onwards whenever they have to offload the work, paradigm gets the first priority. The rebar detailing done for stream and gas turbine building & structure for generator circuit breaker, feed water pump, power control center, LV auxiliary power transformer, etc. are few of them.



POWER PLANT PROJECT

Objective:

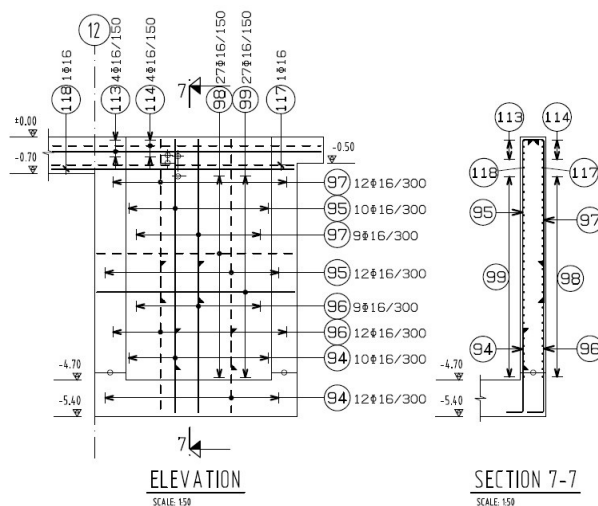
- To provide rebar detailing drawing adhering to the required country standard codes maintaining best quality.
- To detail as per clients specific requirement to meet the project standards
- To provide bar bending schedule and accurate estimation of concrete and reinforcement steel.

Services:

- Rebar detailing is done using software STRAKON
- Shop drawings are delivered with barbending schedule which gives accurate quantity estimation.
- Proper coordination with client to meet the schedules.
- High productivity is achieved by highly efficient team guided by well experienced professionals.

Benefits:

- Strakon based detailed drawing helps in well defined project execution.
- Bar bending schedule generated through Strakon provides accurate quantity estimation of materials.
- The quality of rebar drawing is ensured by three tier checking.



Software Used: Strakon, Microsoft Office

Technology: Computer Aided 2D Drafting.

Design Codes Used:
Country: INDIA, GERMANY, DUTCH

Duration : Nov 2010 – On going

Team Size : 2 Engineers + 6 Cad staff

