

Flue Gas Cooler (FGC) Capacity enhancement

Client: Thermax Babcock & Wilcox Energy Solutions (TBWES), Pune

Project: Nayara Energy, Vadinar, Gujarat

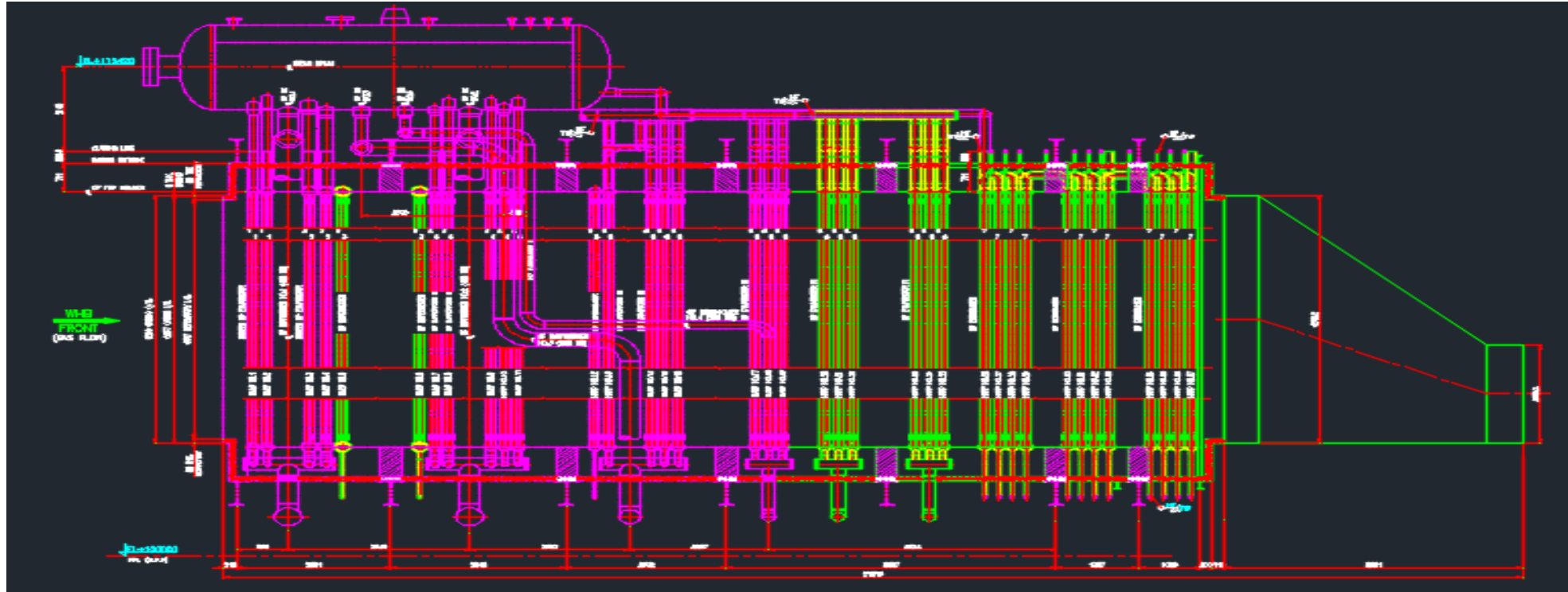
Scope Of Work:

- **Modified Pressure part arrangement**
- **Fabrication and Erection drawing for**
 - **Additional HARPS Economizer, Evaporator and Superheater new modules for Flue Gas Cooler (FGC)**
 - **Integral piping for pressure parts**
 - **Scout blower piping layout and isometrics**
 - **Drain and Vent piping layout and Isometrics**
 - **FGC Casing and integral supports**
 - **FGC main frame steel**
 - **FGC outlet ducting up to chimney**
- **Complete piping engineering including stress analysis for**
 - **All integral and external piping (CEASAR)**
 - **Ducting and its supports (TEKLA)**
 - **FGC casing and supports (STAADPro)**

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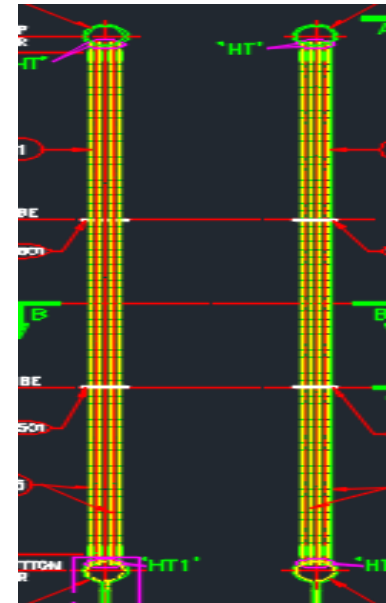
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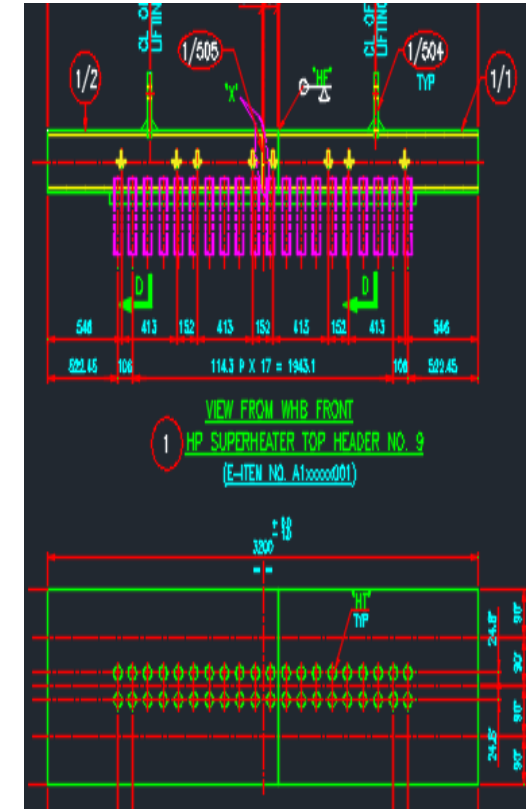
HP Economiser



HP Evaporator



HP Super heater

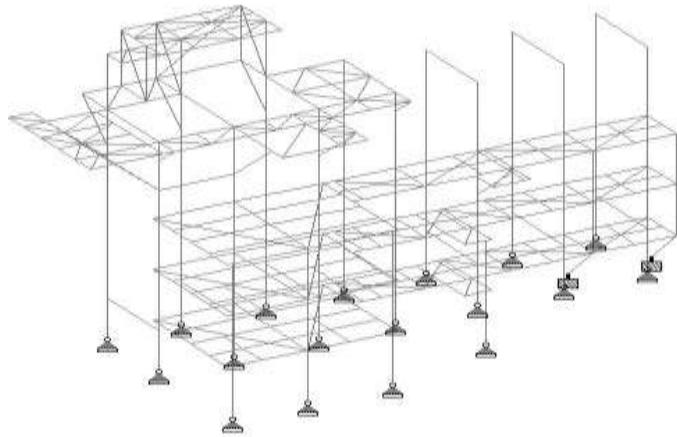


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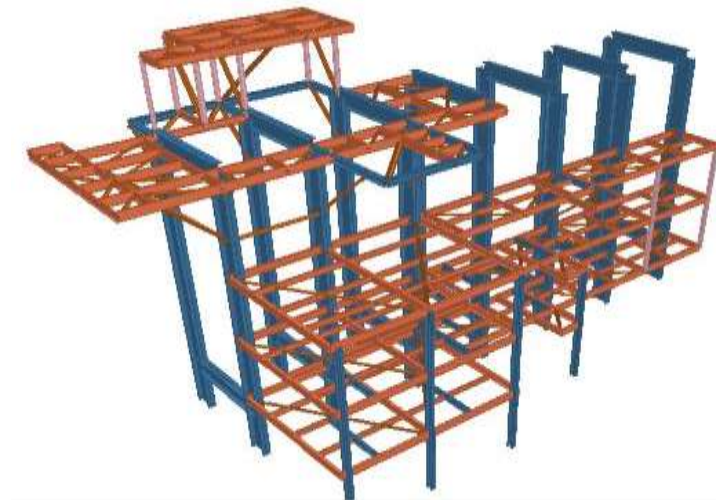
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Boiler Steel STADD model



Boiler Tekla Model

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