

Urja-Disha Boiler Constructions





Urja-Disha Boiler technologies

For **All boiler OEMs**, Urja-Disha is **Extended Design office** with wide & global experience by providing optimum designs in the shortest possible cycle time.

You can outsource your **complex boiler design problems** to **Urja-Disha** which will bring you, **substantial savings &** improved **business efficiencies** that will be more offset the **modest prize**.



We are...

- **Expert** in heat engineering who saves your
'Energy' –
'Organisational' as well as 'Process'
- Trusted **partner** who makes your operations
more cost-efficient
- Established in 2004, with a burning passion to provide '**Technological Services**'
in the field of Steam Industries, Waste Heat Recovery and Special Heat Transfer
Equipments.
- Current Presence in **25+ Countries**

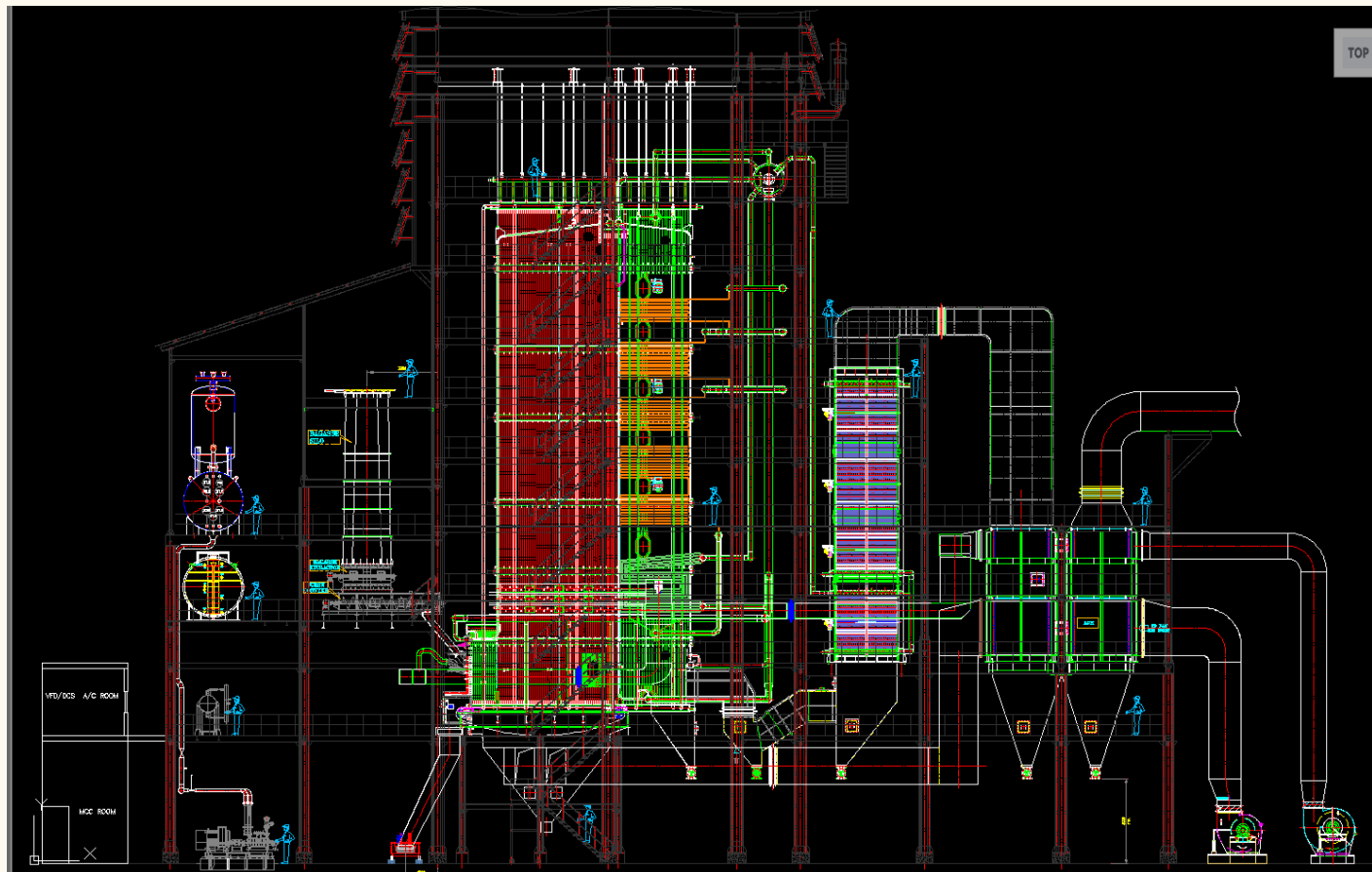


Urja-Disha Boiler technologies is having wide experience in

1. Varieties of combustion technologies- Stoker fired (traveling grate, Reciprocating grate, Dumping grate etc), Fluidized bed combustion, Burners Construction philosophies- single drum, bi drum top supported, bottom supported, girth supported, One duct, two duct, three duct, four duct- vertical, horizontal constructions for pressure parts to suit few characteristics and space limitations.
 2. Circulation concepts- force circulation, Natural circulations- combination
 3. Varieties of biomass and fossil fuels and industrial wastes.
 4. Varieties of waste gases- Clean, Corrosive, Dusty, Erosive, explosive etc.
- Few samples to know about range handled by us.

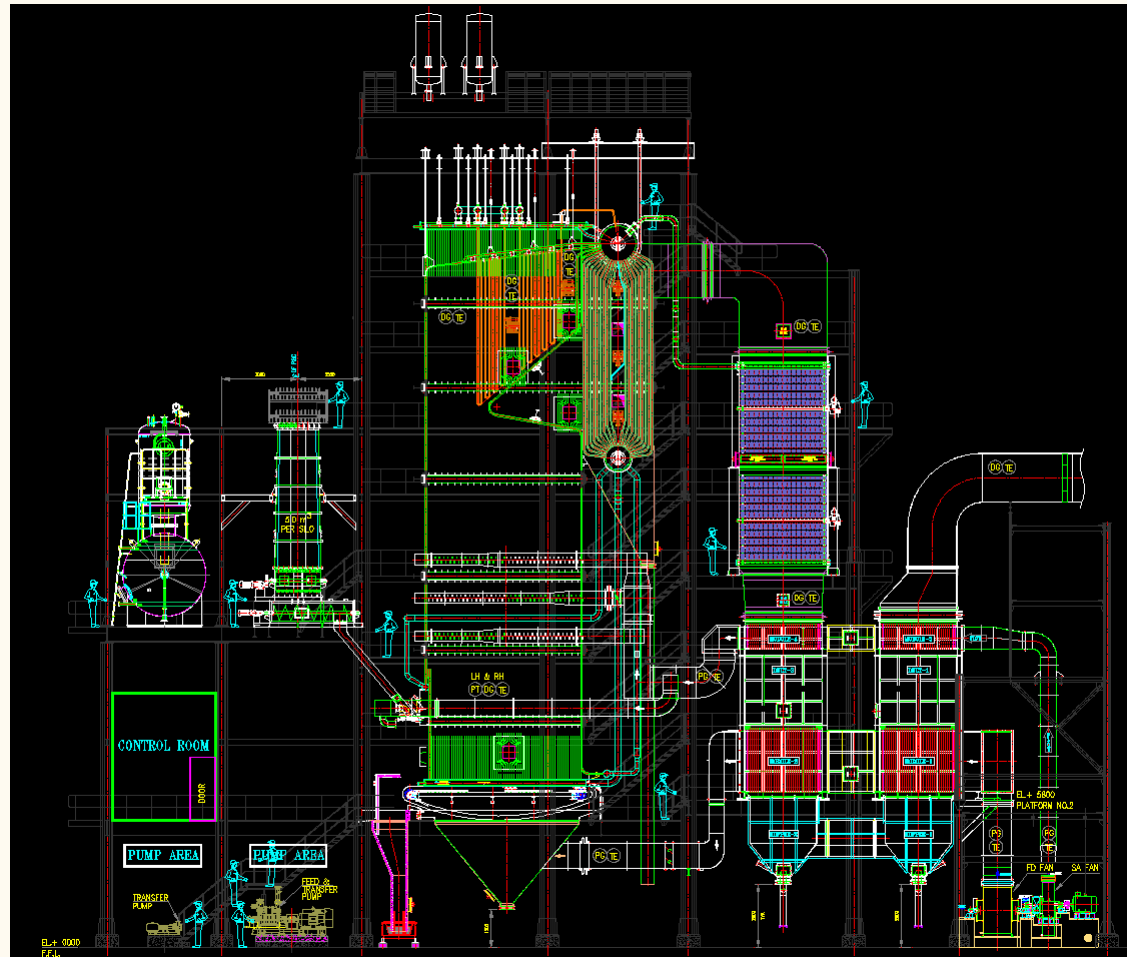


Single drum, top supported, twin travelling grate 160 TPH Bagasse Fired Boiler

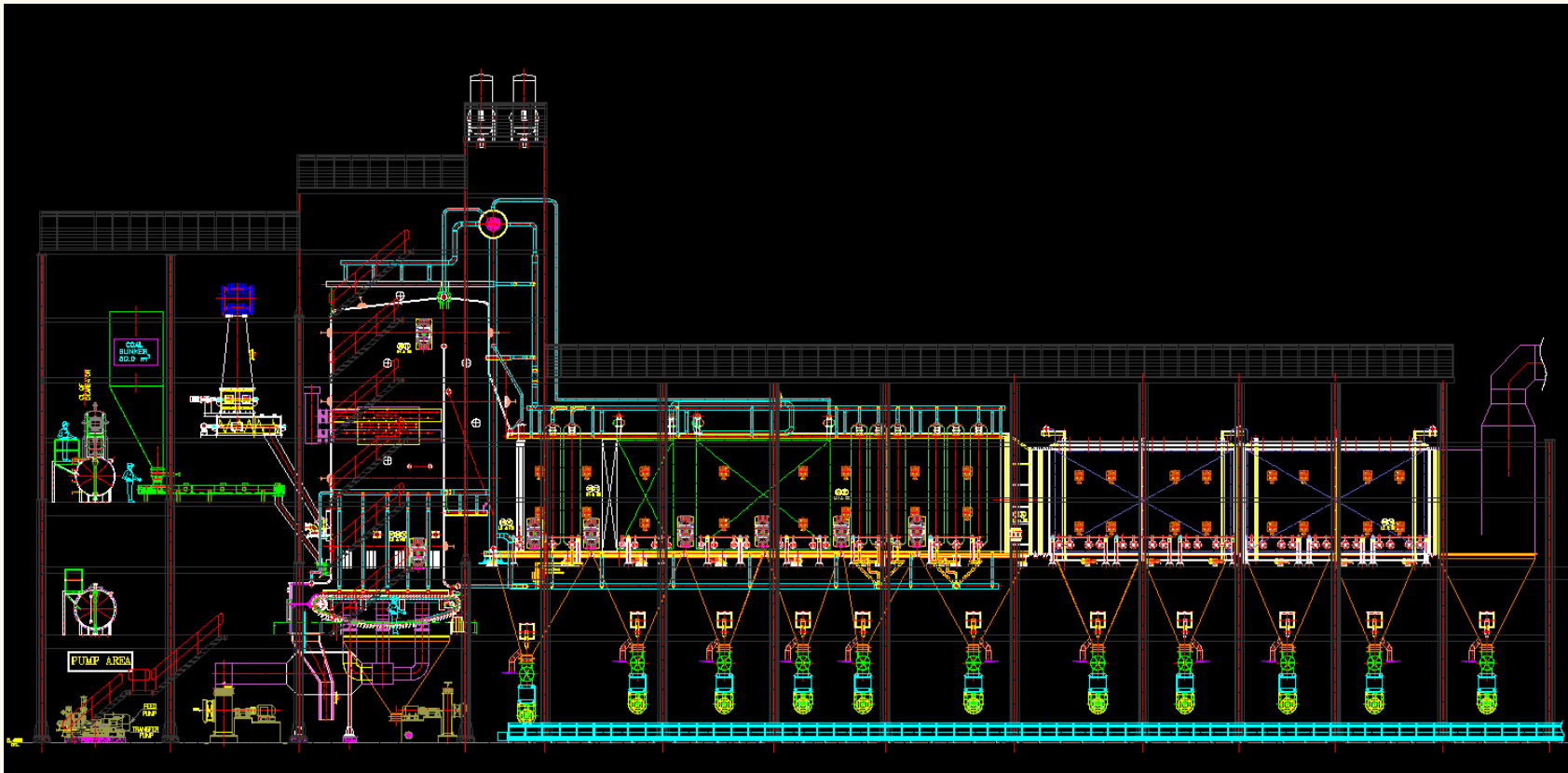




Bi- drum, top supported, twin travelling grate 100 TPH Bagasse Fired Boiler

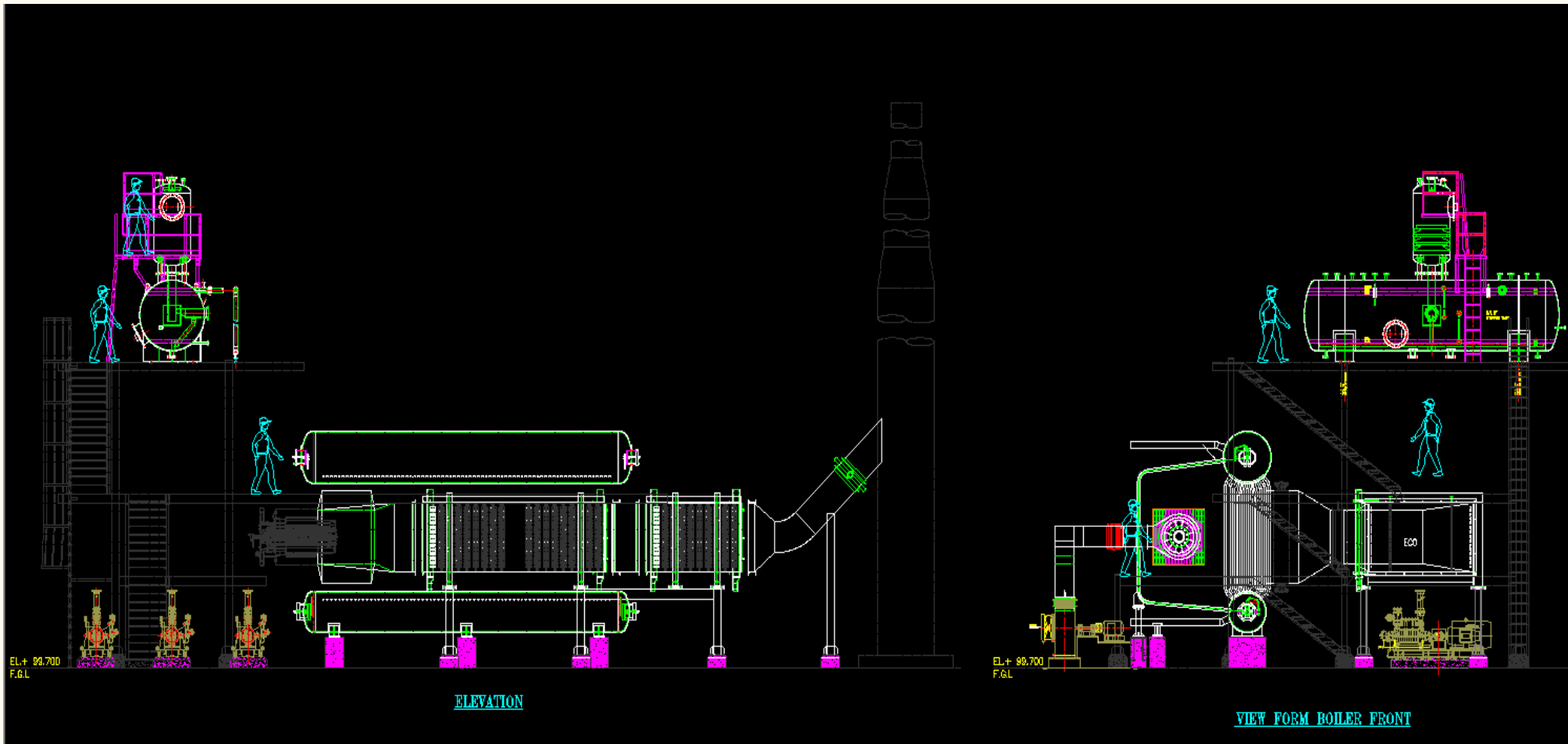


Single drum, Folded 2 pass furnace with 3rd pass horizontal for Spent wash fired boilers travelling grate + spray arrangement for Spent wash



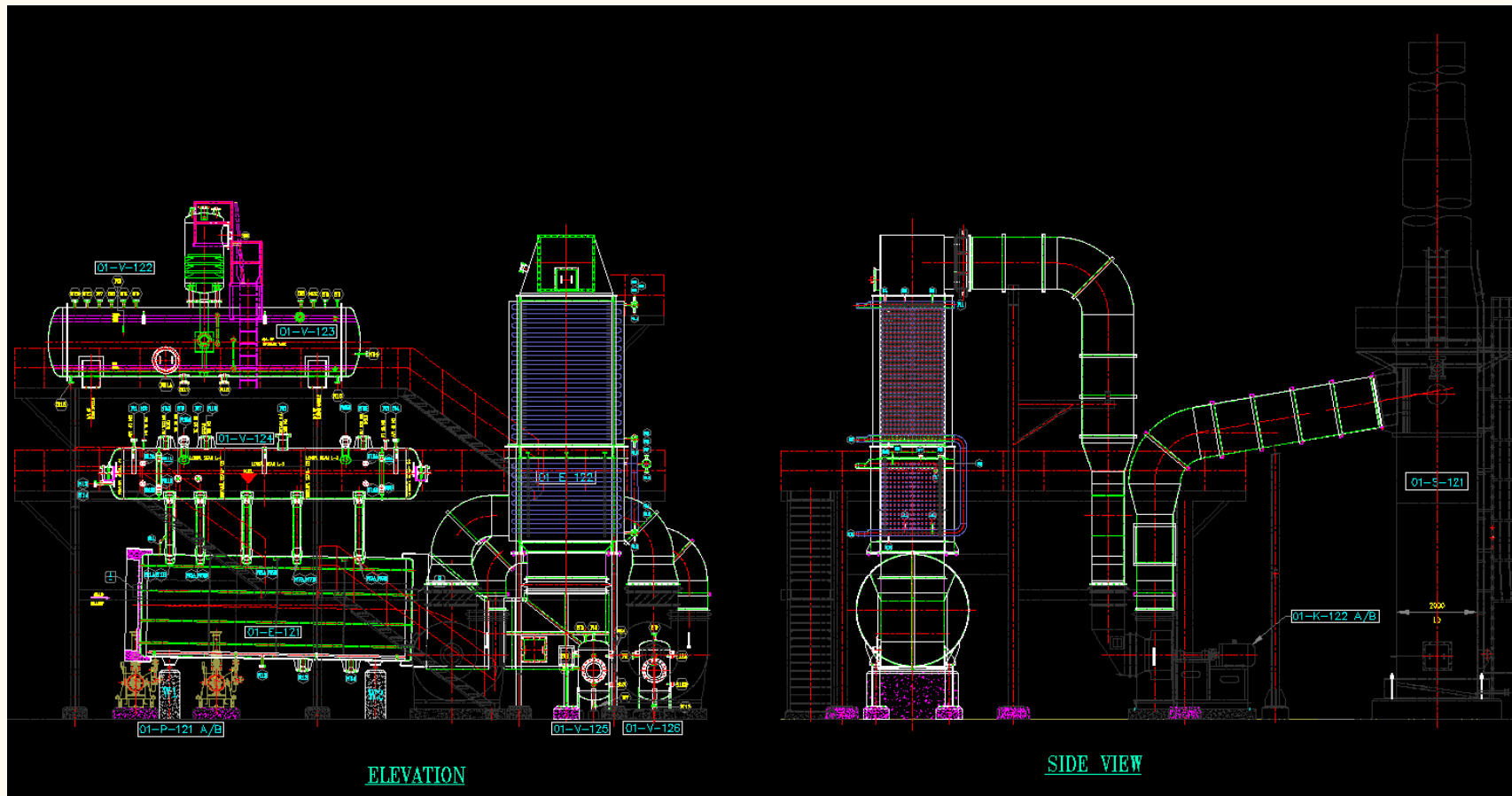


Typical "D" type boiler on Oil and Gas burner firing



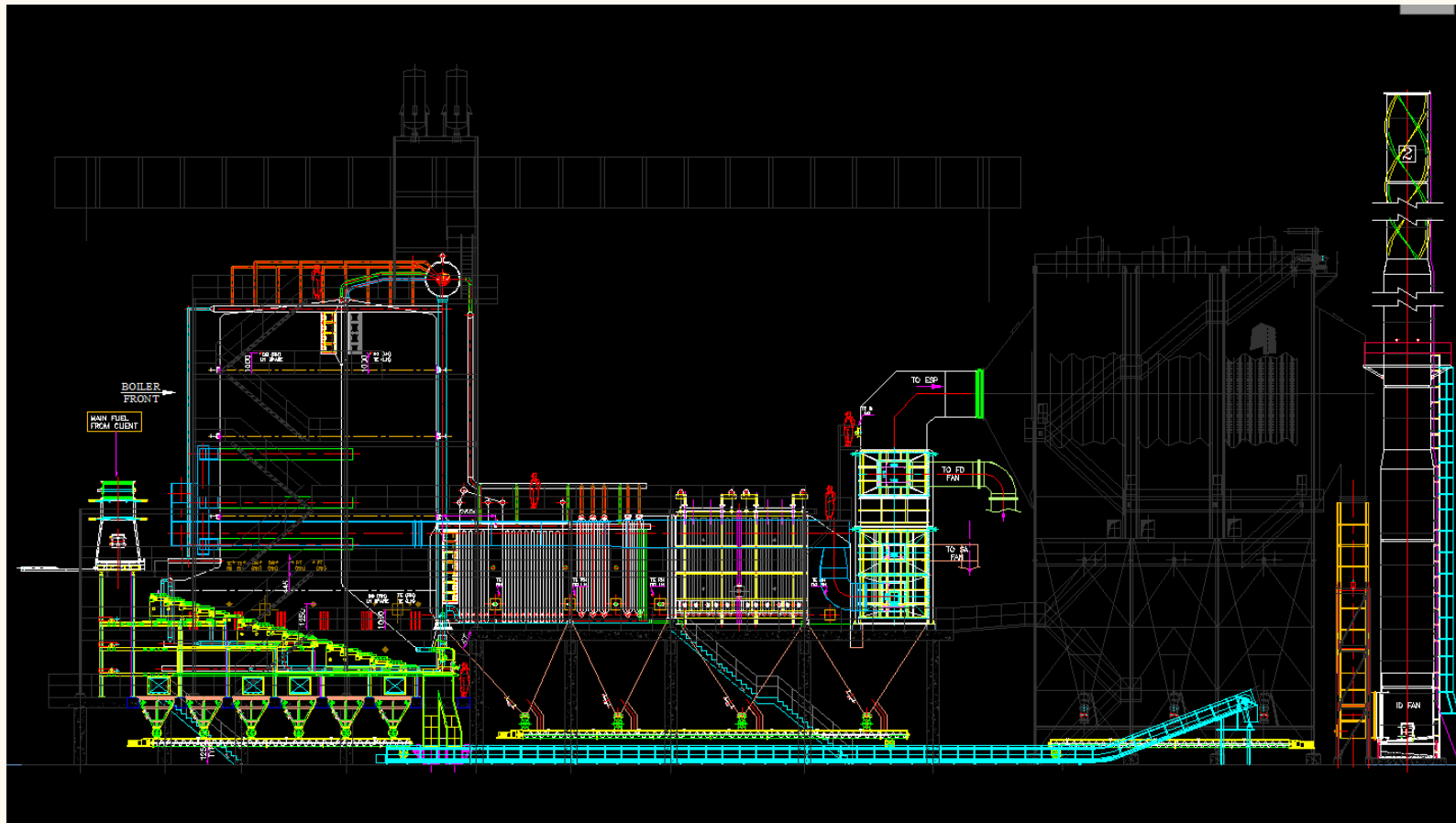


Typical Piggy Bag type construction for WHRS on hazardous Chemical incinerators

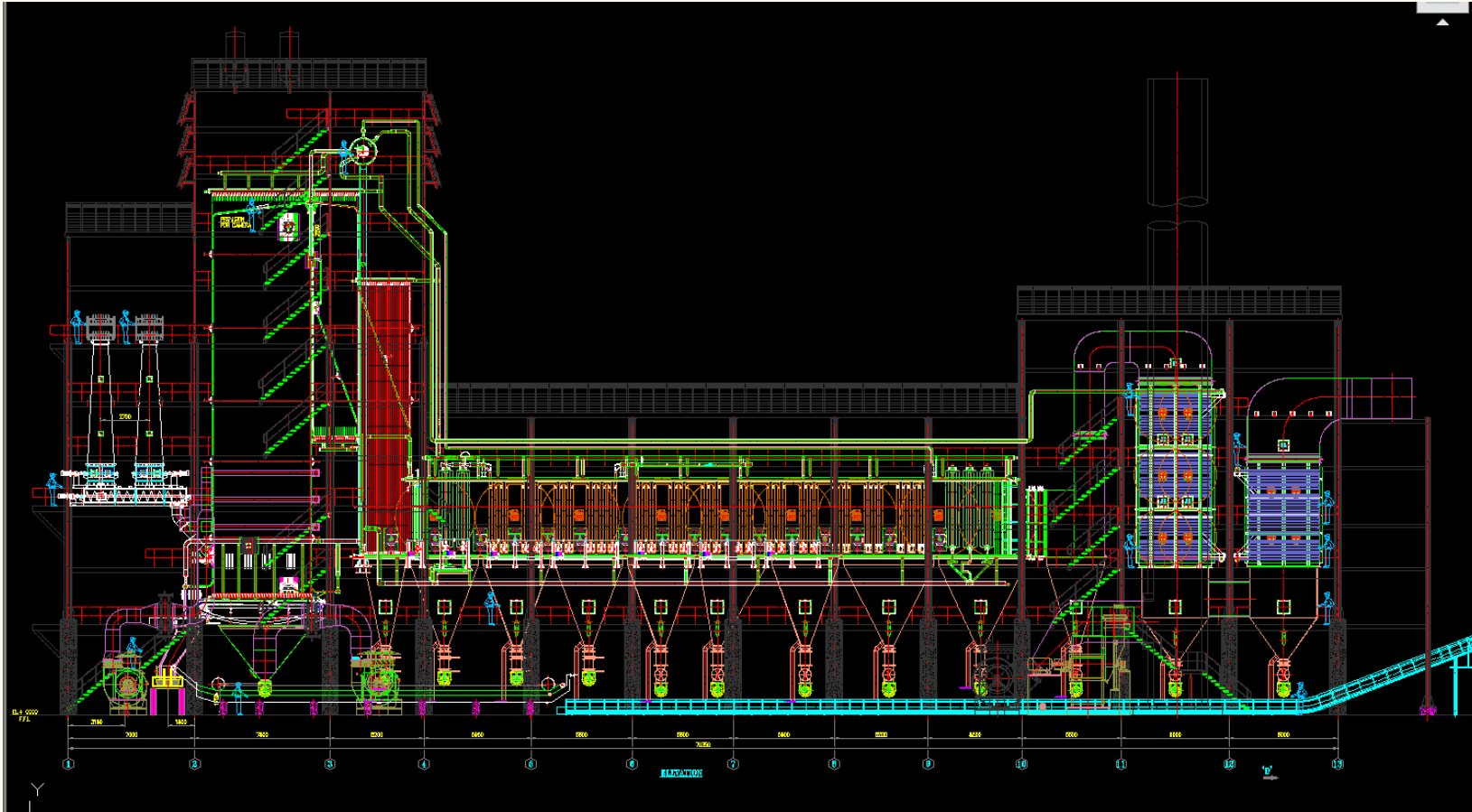




Typical folded furnace with 3rd horizontal pass construction EFB fired boiler- Reciprocating grate with pusher feeders

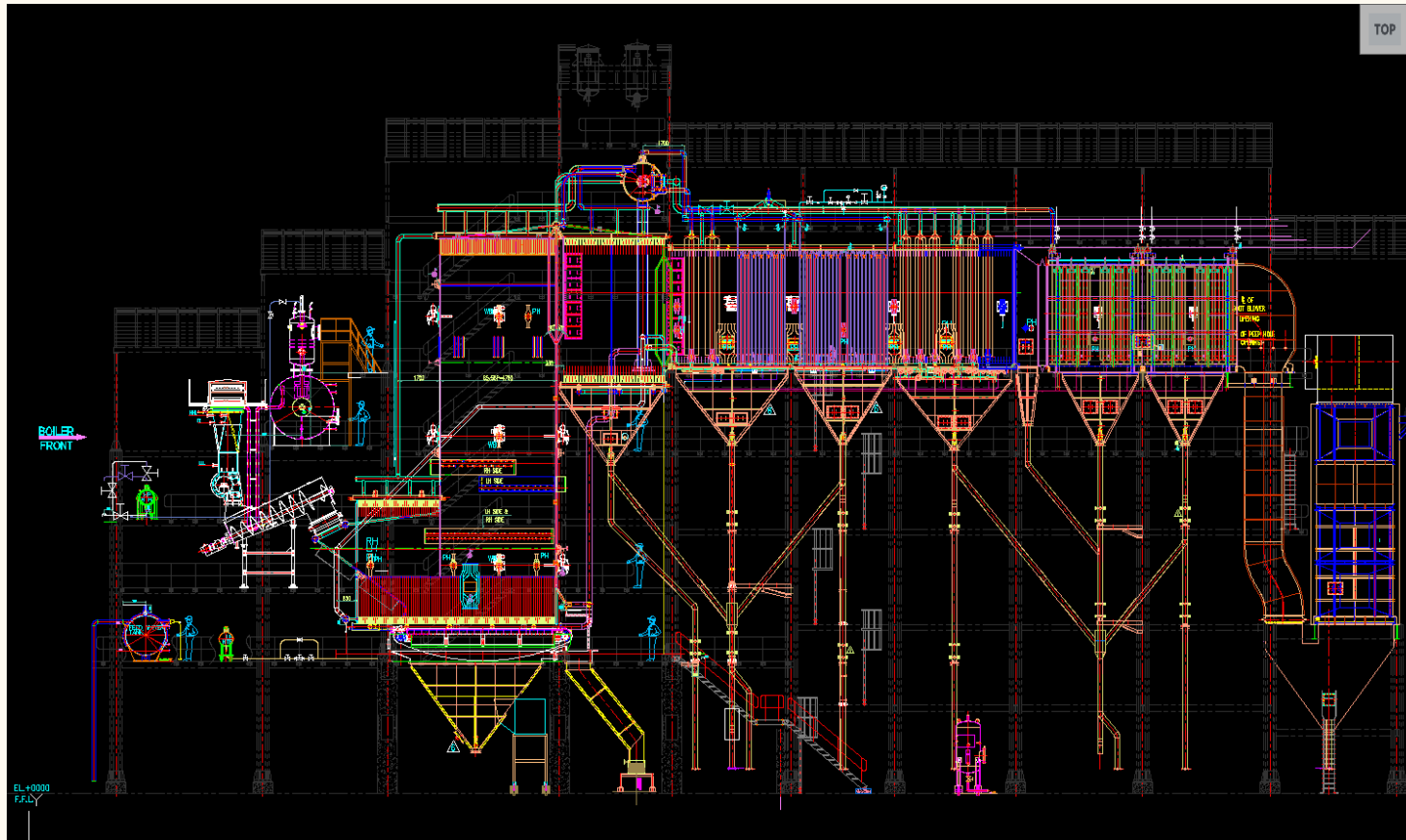


Typical folded furnace with 3rd horizontal pass construction Mustard husk fired boiler- Traveling grate with drum feeders



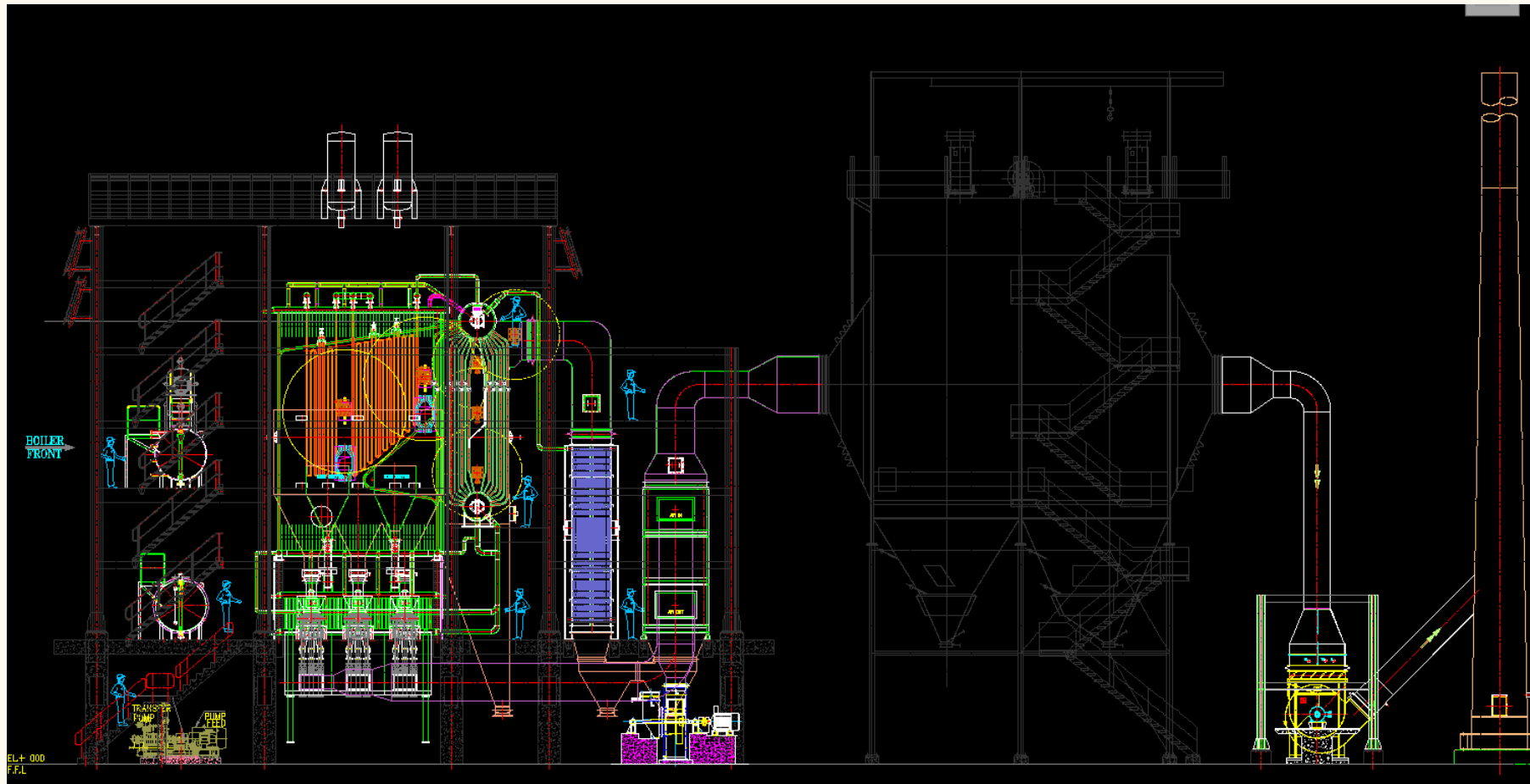


Typical 1 pass furnace with 2nd horizontal pass construction EFB fired boiler- Traveling grate with separate drying zone- screw feeding arrangement

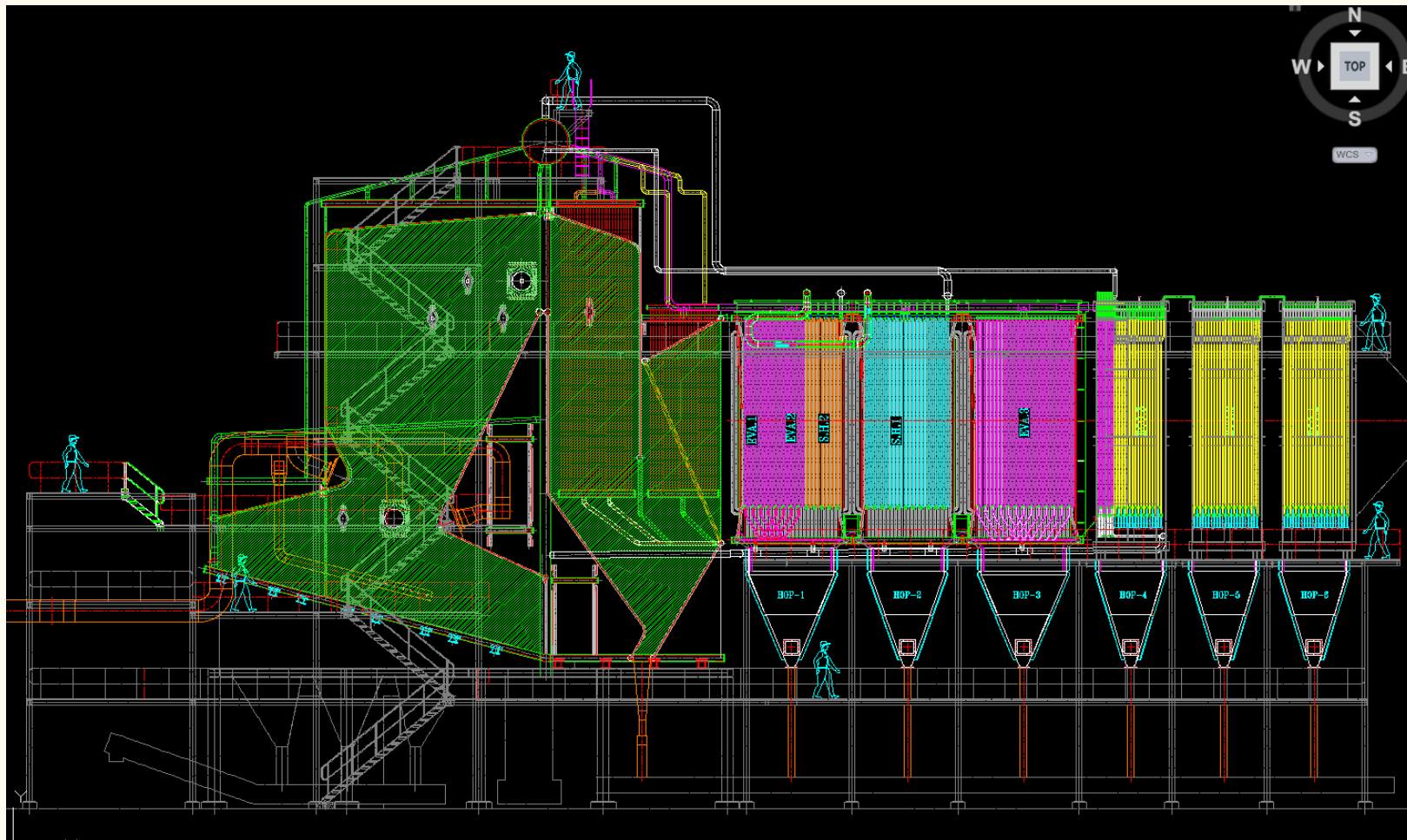




Typical- Bi drum construction for AFBC boiler on Coal, Rice Husk

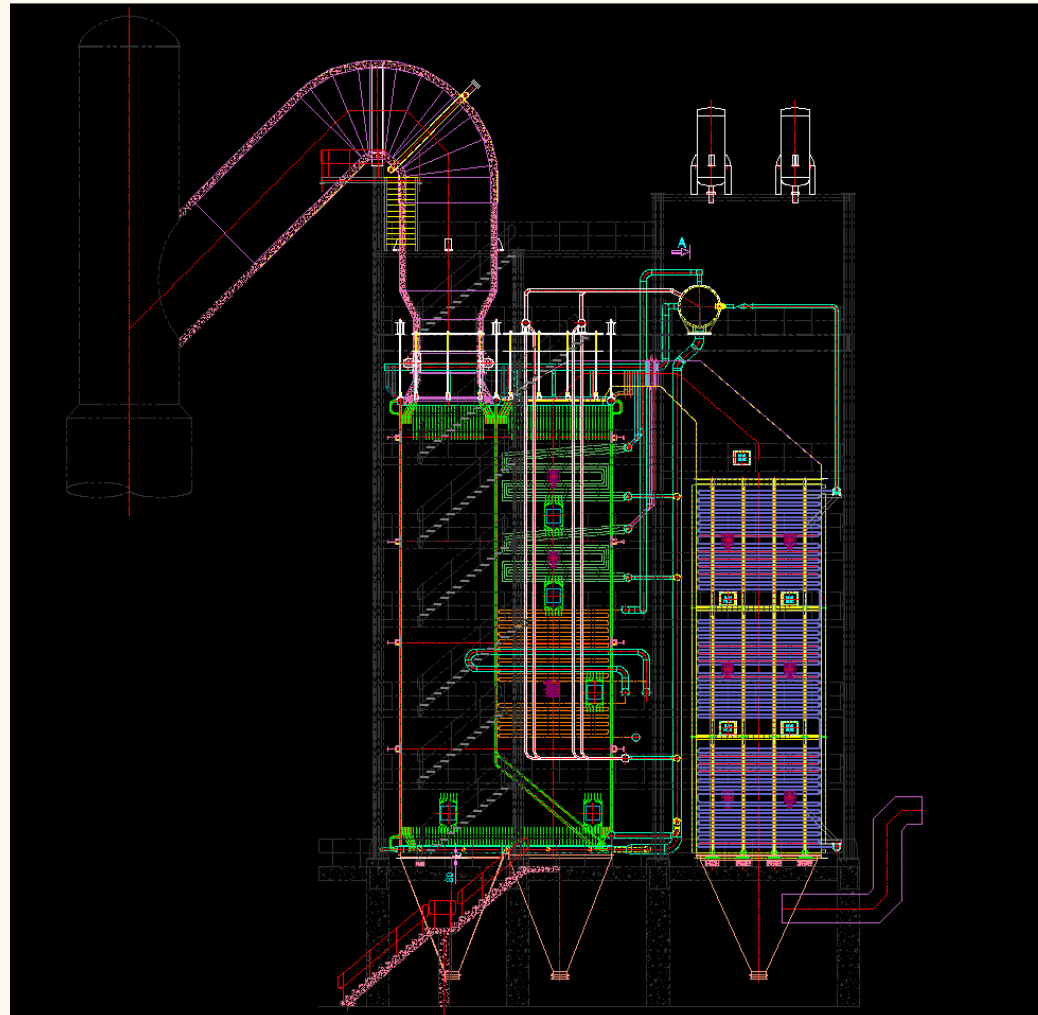


Folded 3 pass furnace with horizontal 4th pass Tail end design for MSW- reciprocating grate

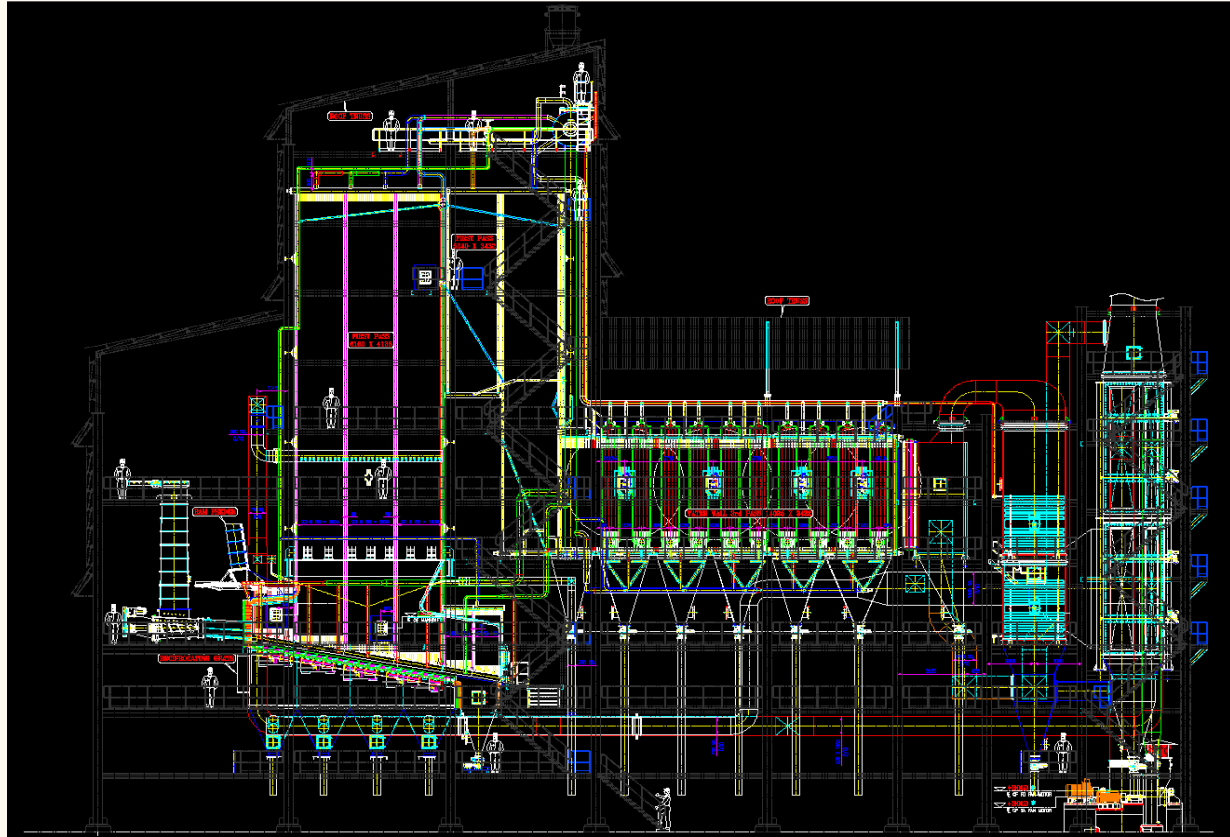




Three pass WHRS on Sponge iron kiln

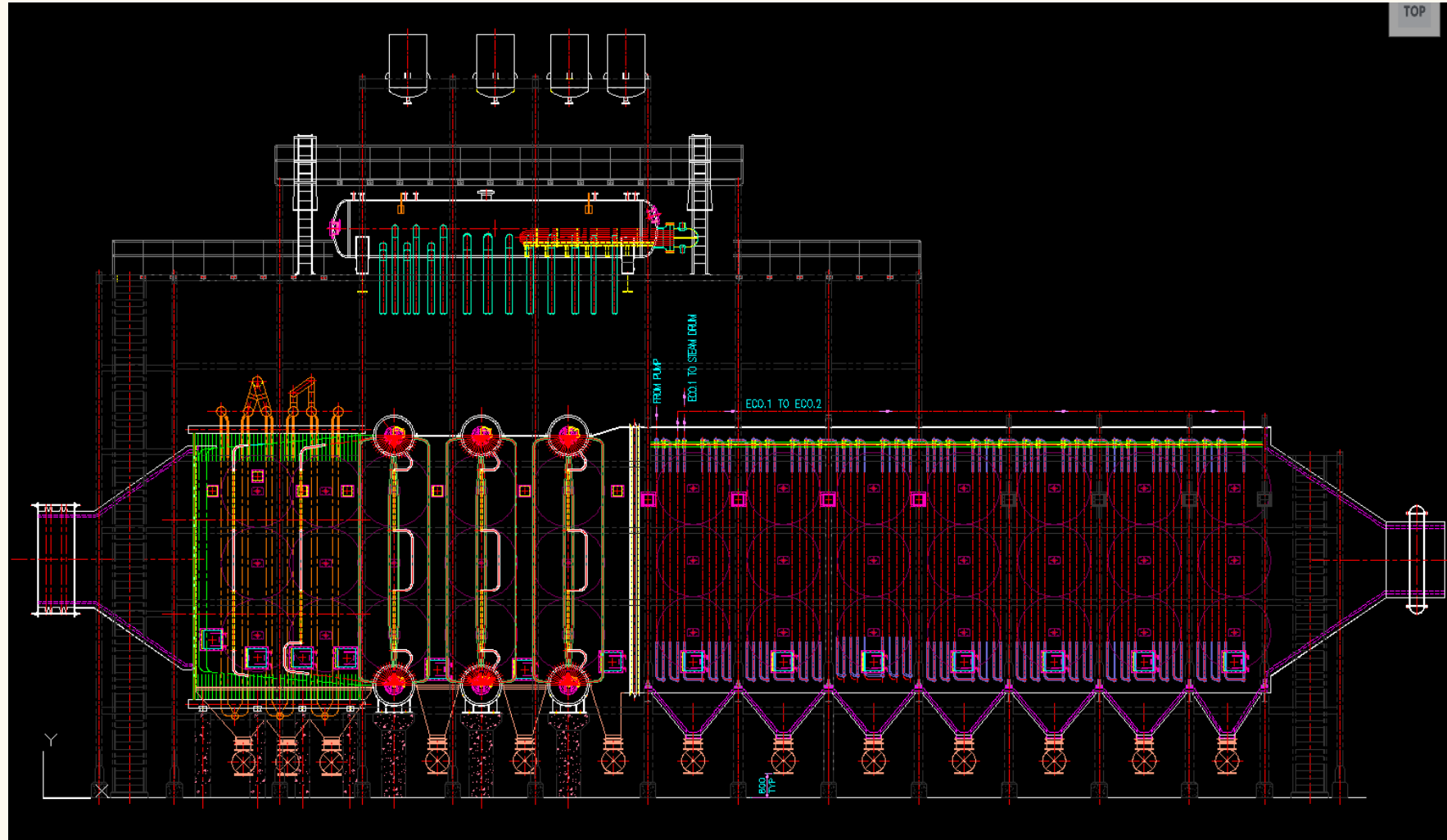


Folded furnace with 3rd horizontal pass on Lignin + syrup + paddy straw firing Reciprocating grate with screw and pusher feeders



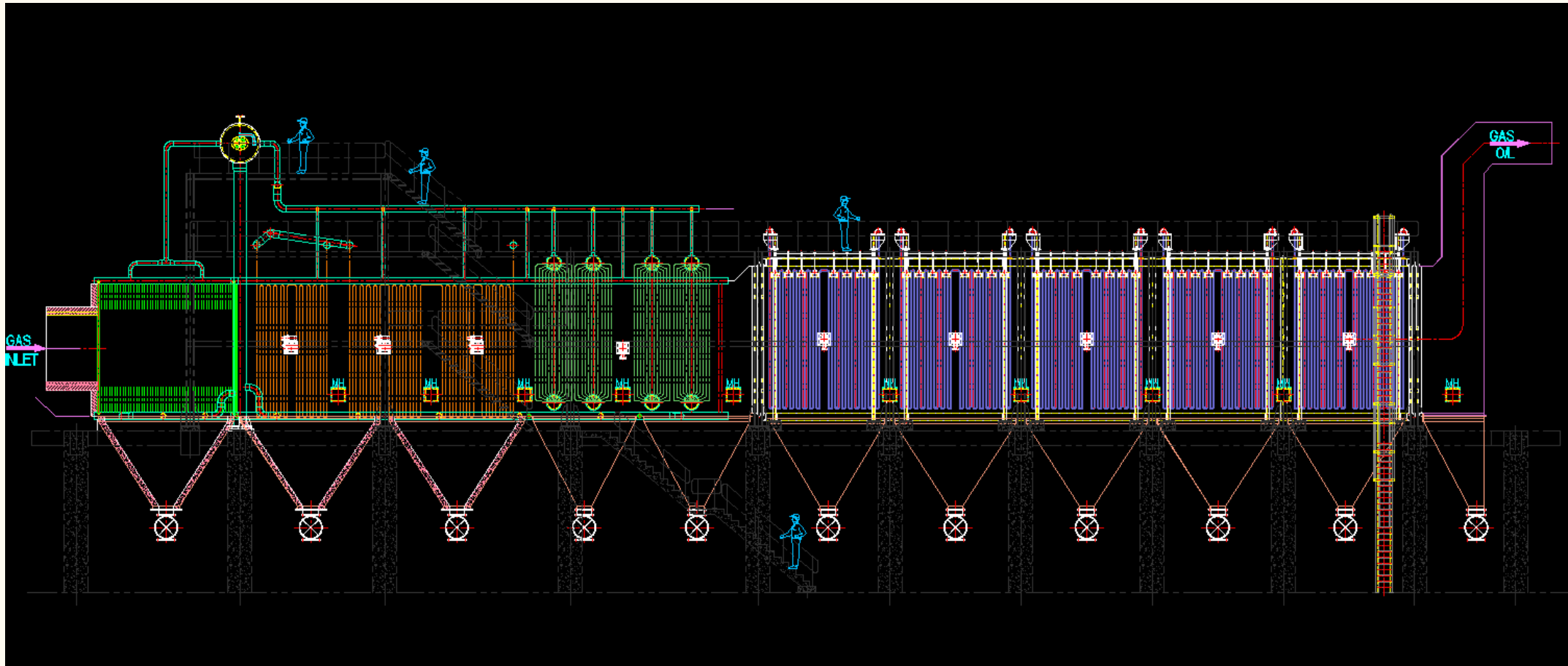


Horizontal WHRB on FCCU waste gases



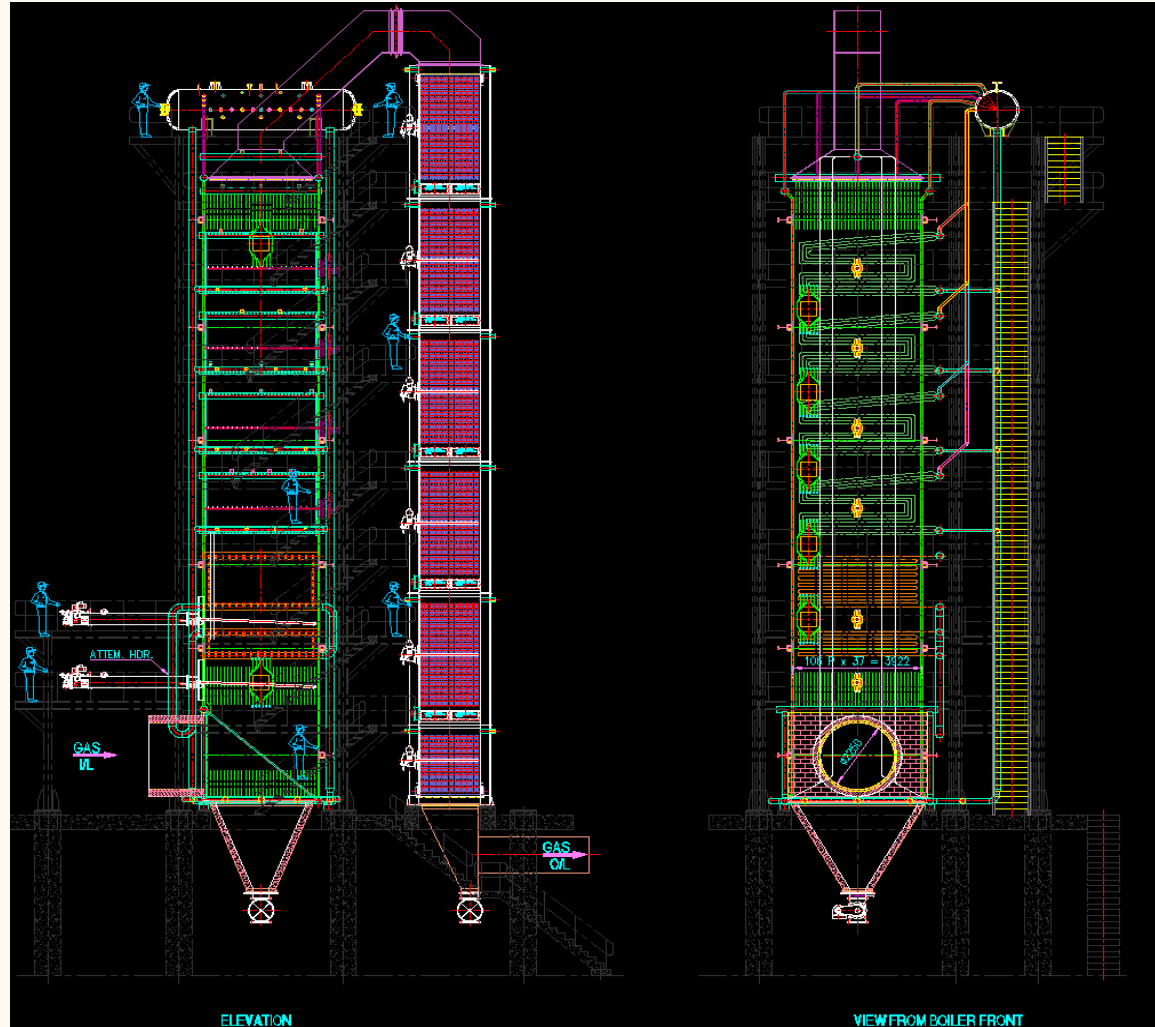


Horizontal construction for WHRS on coke oven battery waste





Vertical construction for WHRS on coke oven battery waste





Our Successful Installations

Since inception

4+

BFGAPH

7+

COKE DRYING
SYSTEM

12+

CFHAG

100+

FIRED AND
UNFIRED BOILERS

1000+

ACCESSORIES



Our Global presence



Esteemed OEMs





Empowering Talent In Emerging Markets



Unlike traditional outsourcing, we want to provide extraordinary value to our customers by investing our profits into the design talent in India.

Whether it's by educating our employees with our in house academy or by simply providing an incredible work environment with in-house full health care, nutritional food and frequent social activities, we're fully committed to empowering talents in emerging markets.

We're leaders In redefining the traditional approach of outsourcing.

THANK YOU



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