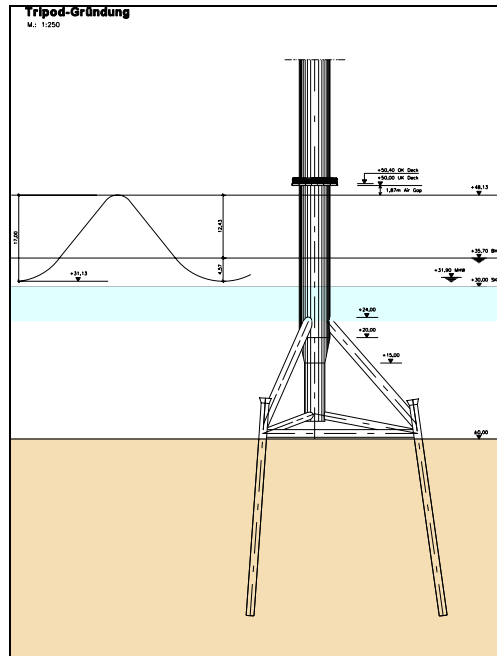
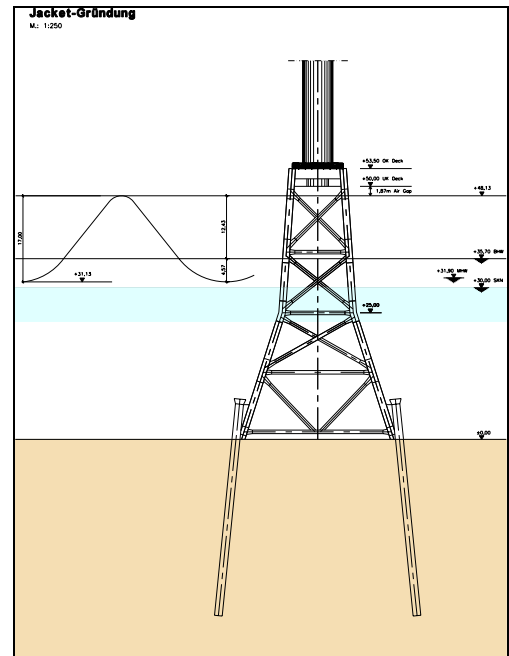


## References

- Project:** Development of Support Structure for Prototype of 5 MW Multibrid Offshore Wind Energy Facility M5000
- Period:** December 2001 - March 2002
- Contract Volume:** 50,000 €
- Client:** Multibrid Entwicklungsgesellschaft mbH  
Neumarkt (Pfleiderer AG)
- Short Description:** Development of a support structure for the prototype of the 5 MW Multibrid Offshore wind energy facility of Pfleiderer AG for the off shore site Borkum Riff with a water depth of 30 m.
- Collaboration on fine concept and responsibility manual
  - Developing offshore assembly concept
  - Dynamic simulation of the facility
  - Design of support structures (2 variants: Tripod and Jacket)  
Static calculations and measurements, fatigue analysis (20 years operation tim)
  - Provision relevant drawings.



Tripod support structure



Jacket support structure