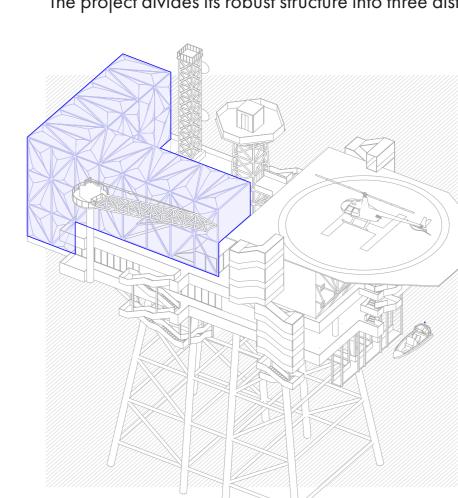
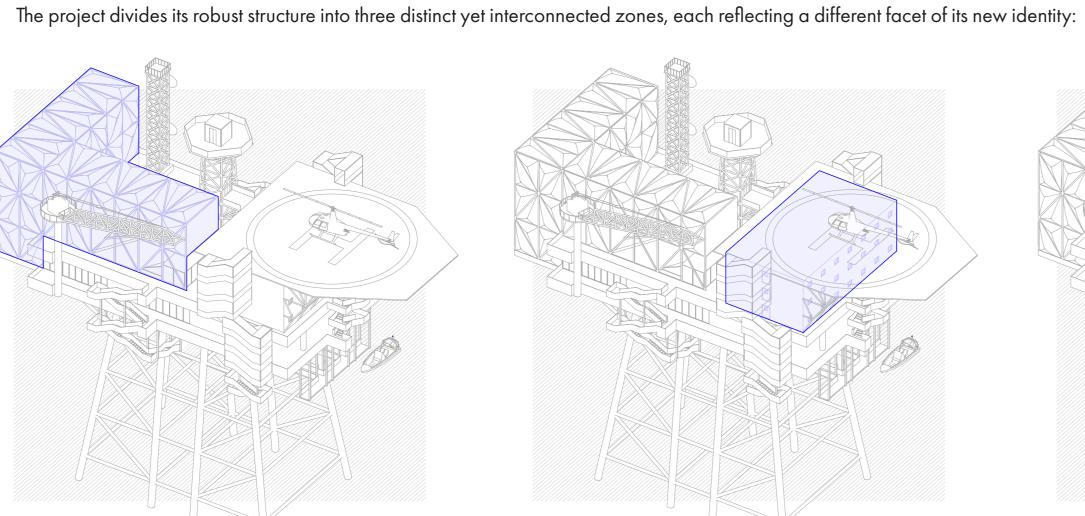


This architectural project reimagines an Adriatic oil platform as a cutting-edge marine research center, showcasing the potential for adaptive reuse in even the harshest environments. Rather than demolishing this industrial giant, the design sees its robust structure and unique location as assets, transforming the platform into a symbol of environmental stewardship and scientific discovery.

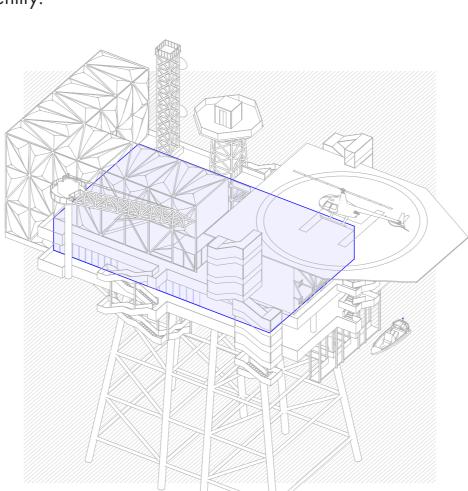


1. **The Inquiry:** The platform's heart beats with the pulse of scientific exploration. This central zone repurposes the former industrial spaces into stateof-the-art laboratories, workshops, and research facilities. Here, amidst the platform's repurposed machinery and rugged framework, cutting-edge

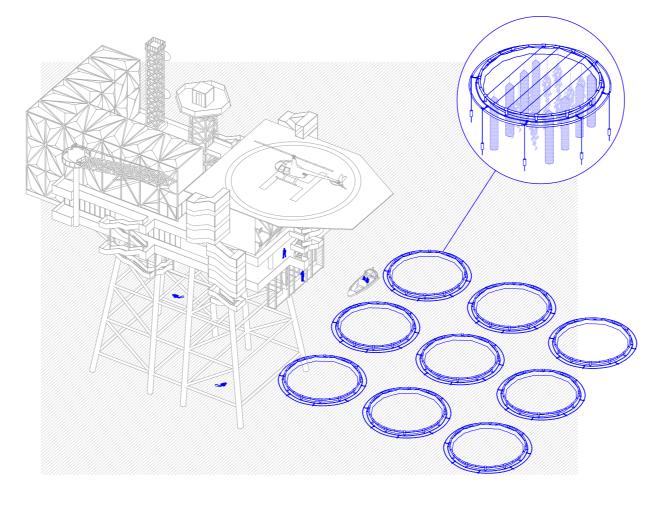
technology meets the untamed power of the sea.



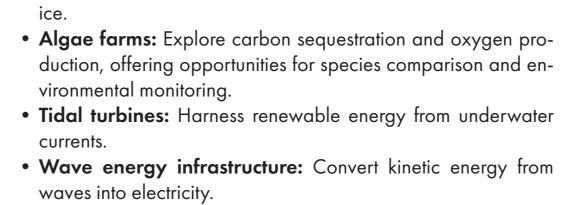
2. The Legacy: The existing residential quarters, once housing oil workers, now accommodate researchers and staff. These repurposed living spaces, with ocean views, foster a sense of community and provide a comfortable home for those dedicated to unraveling the mysteries of the marine world.

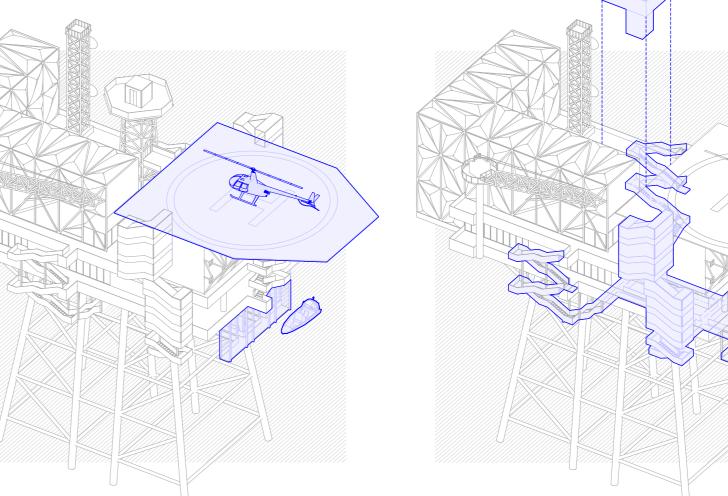


3.The Respite: This zone provides researchers with areas for relaxation, social interaction, and a profound connection to the marine environment that surrounds them. Here, the rhythmic ebb and flow of the sea provide a constant reminder of the research center's vital purpose.



The research platform will utilize multifunctional marine farms for various purposes: • Mussel farms: Investigate their potential for microplastic removal, particularly relevant given the pollution levels near Ven-

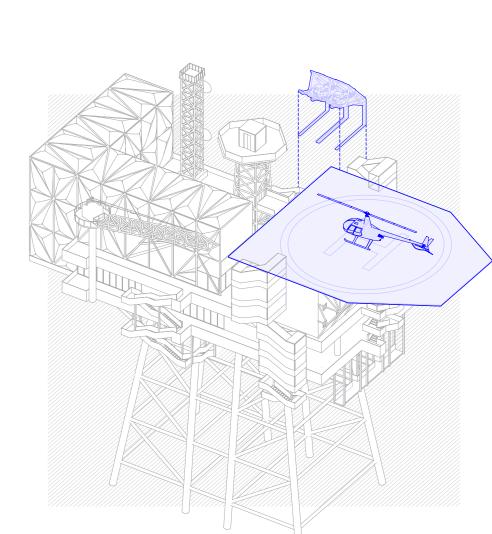




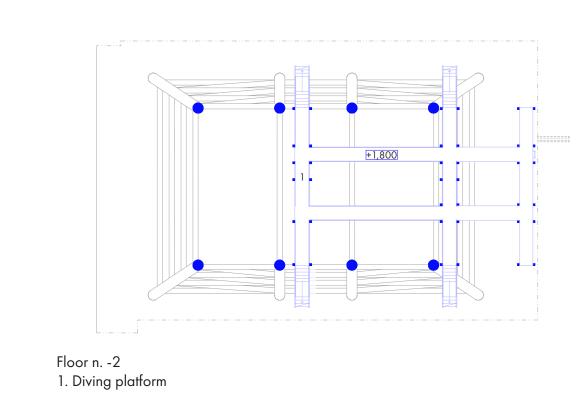
To create a safe and comfortable environment for researchers, the original open stairways in communication modules were swapped for enclosed, accessible alternatives, offering protection from harsh weather. Additionally, the pier connecting these modules – which doubled as a diving platform – was replaced with a more durable structure due to constant seawater exposure. Finally, showcasing ingenuity, the platform's derrick was repurposed as a freight elevator. This adaptation now efficiently transports equipment, materials, and personnel between the helipad and the two main levels.

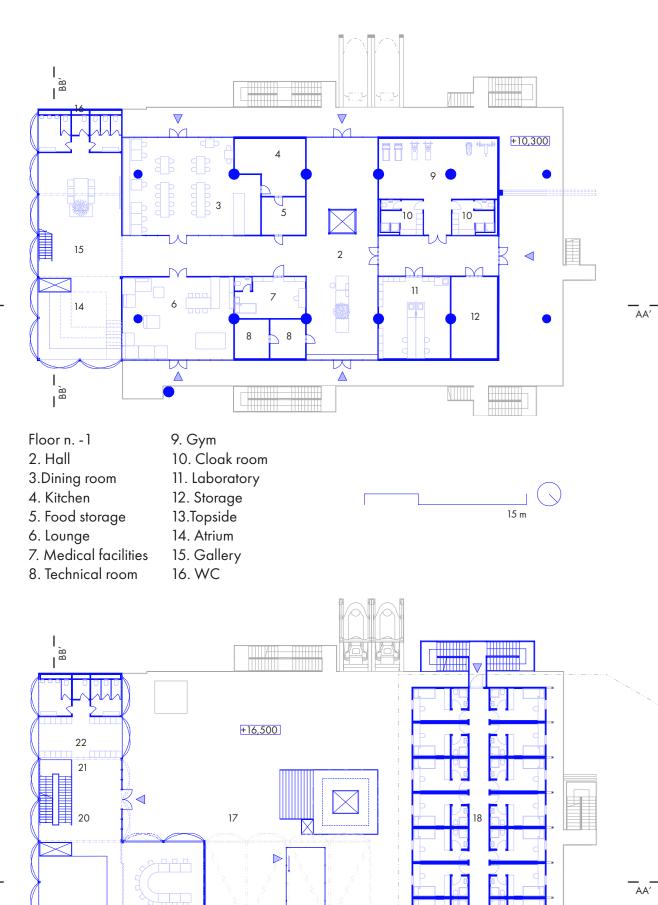
Observation tower

New covered staircases

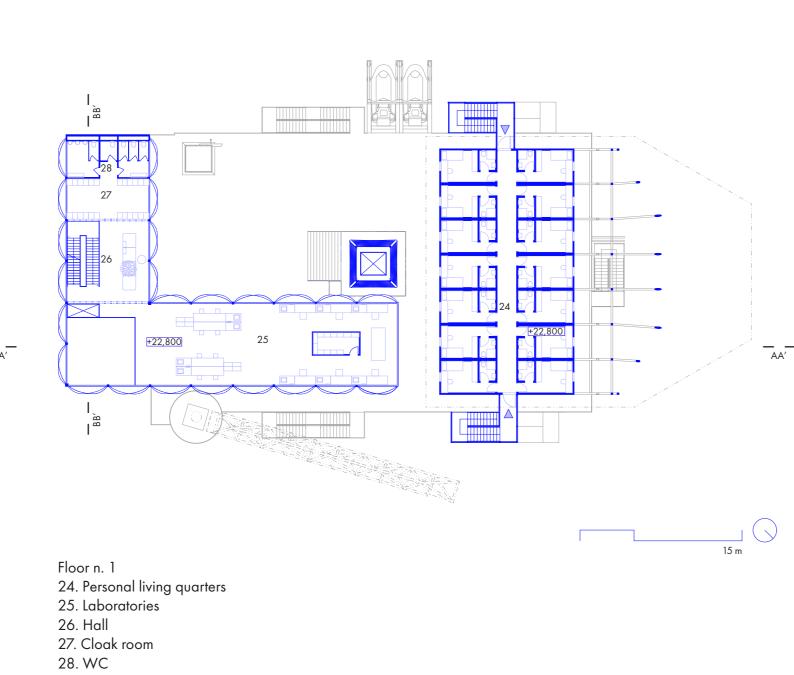


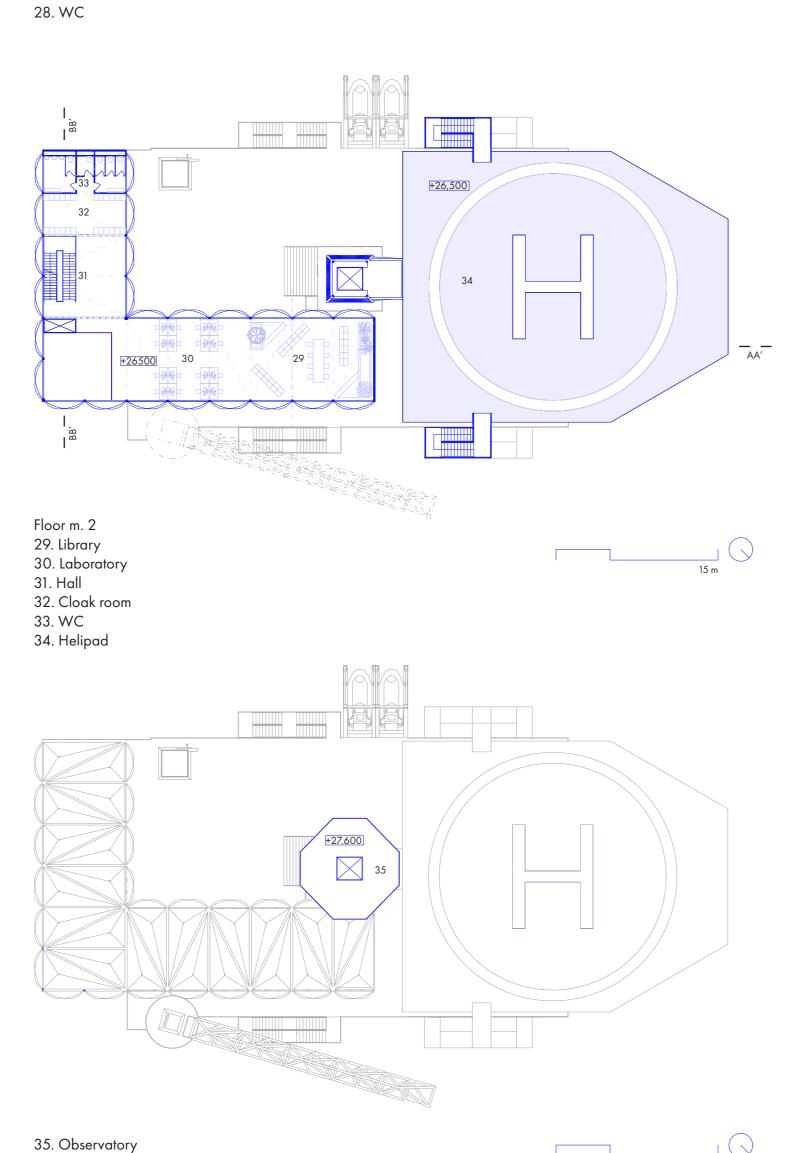
The offshore research center prioritizes safety with comprehensive emergency protocols. A multi-channel alarm system ensures rapid evacuation alerts. Designated muster stations (with a 72-person capacity lifeboat exceeding the 42-person occupancy) allow for efficient assembly and evacuation. Regular lifeboat drills and a clearly marked helipad for helicopter evacuations ensure preparedness for various emergency scenarios.

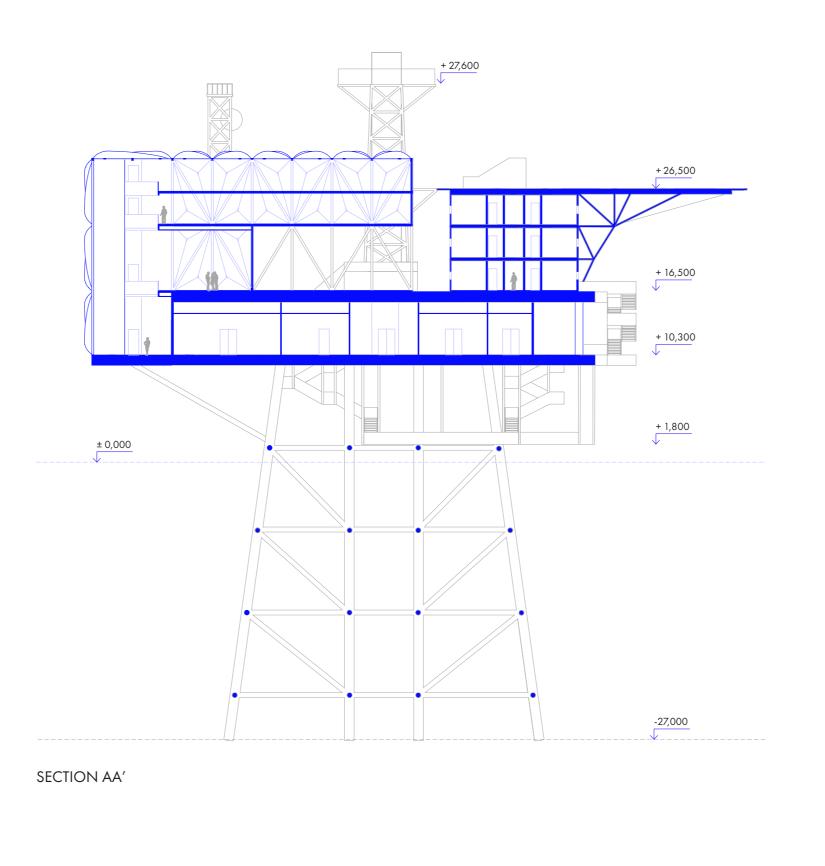


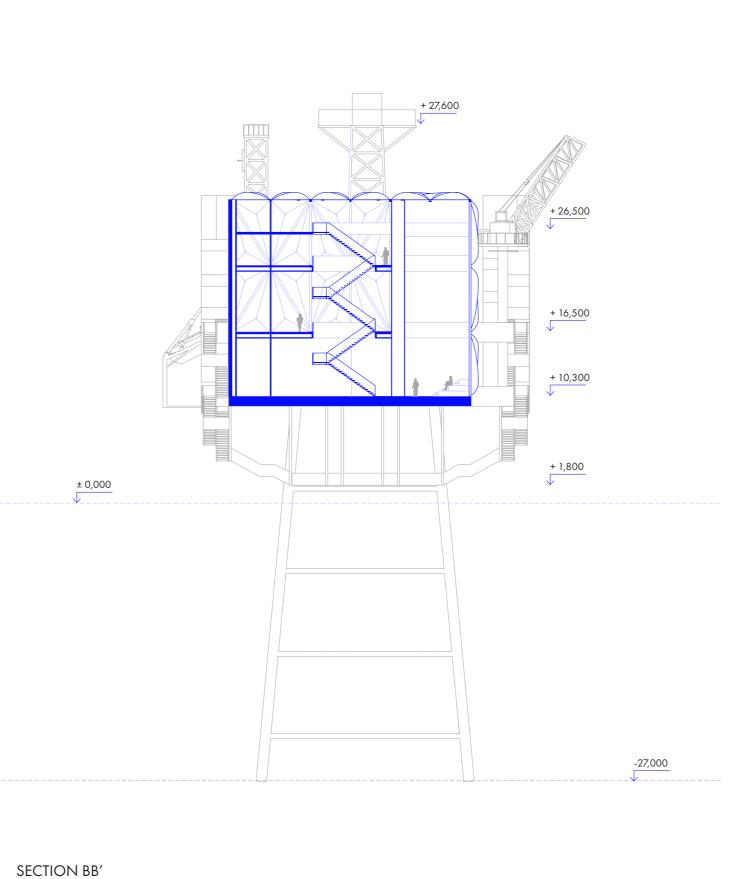


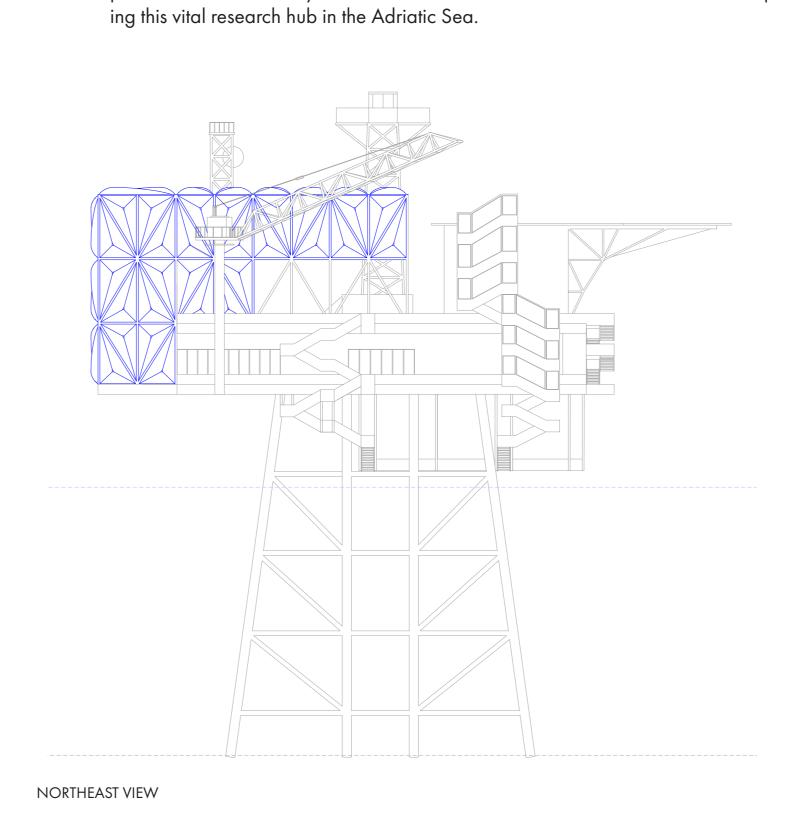
Floor n. 0 17. Topside 18. Personal living quarters 19. Greenhouse 20. Hall 21. Cloak room 22.WC 23. Meeting room











The offshore research center will ensure accessibil-

ity for personnel and cargo through a robust mul-

ti-modal transportation system. A helipad facilitates

regular helicopter transport via a contracted ser-

vice, while a dedicated pier accommodates small-

er boats. Both air and sea transport will be carefully

coordinated to manage passenger safety, equip-

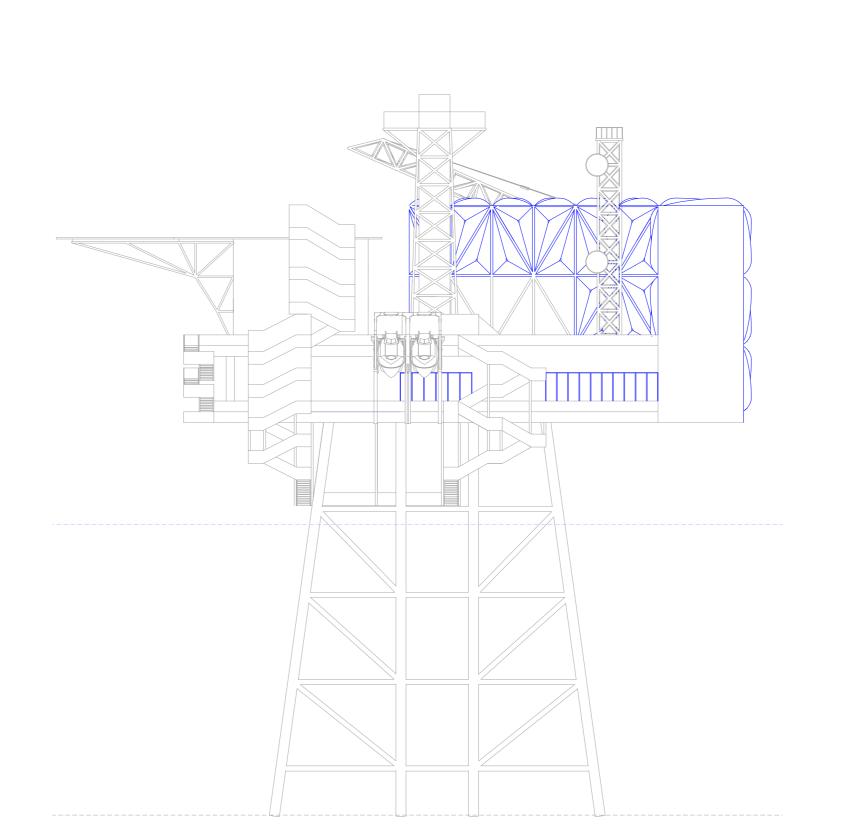
ment deliveries, and supply runs. Comprehensive

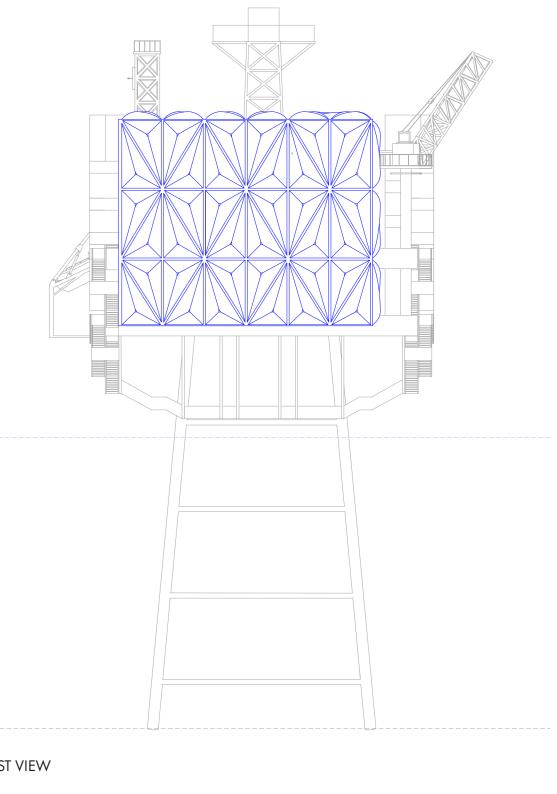
safety protocols will be in place, alongside robust

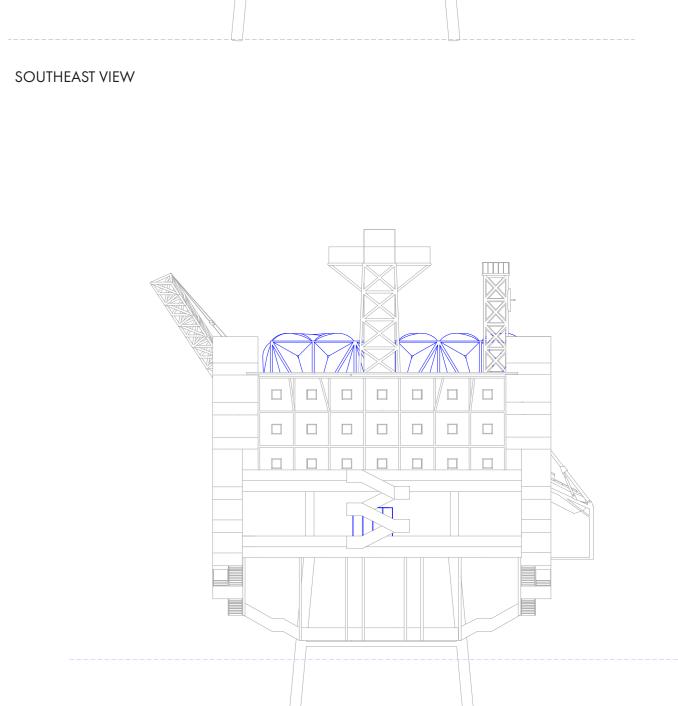
communication systems and backup transportation

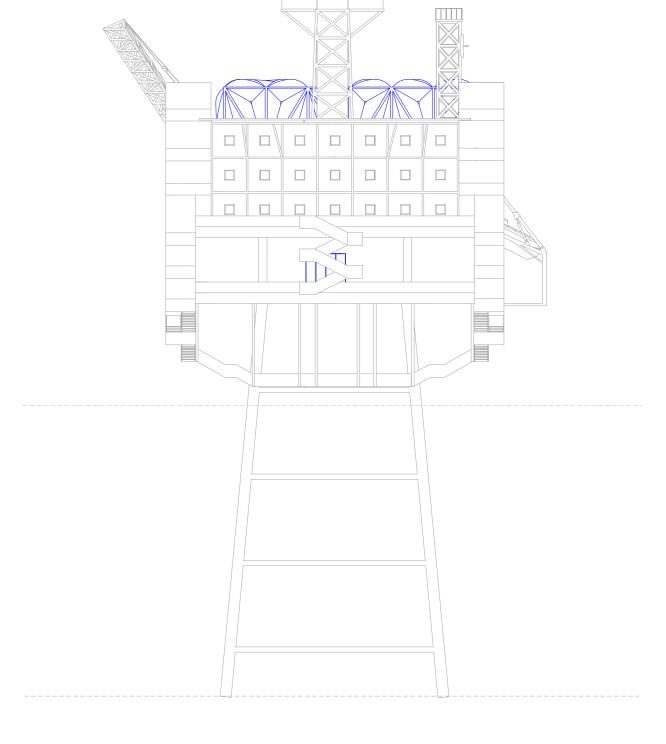
options to address emergencies. This strategic ap-

proach ensures flexibility and resilience for reach-









SOUTHWESTERN VIEW

NORTHWESTERN VIEW