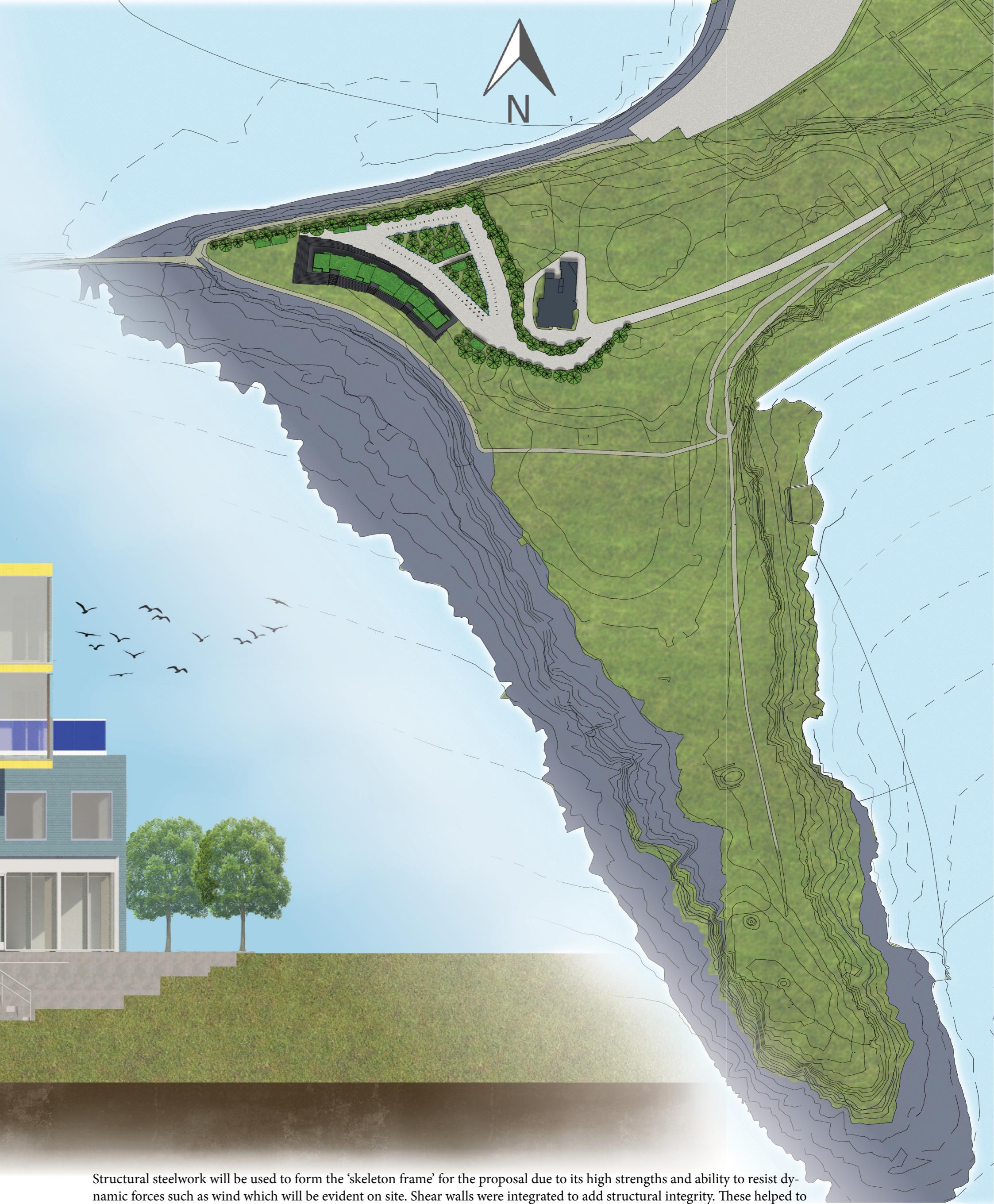


Friars Point

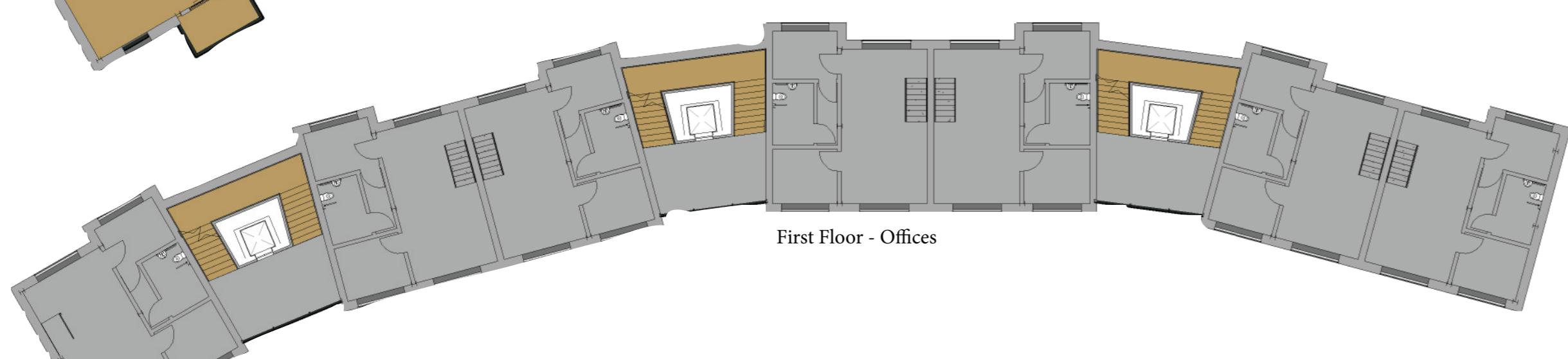
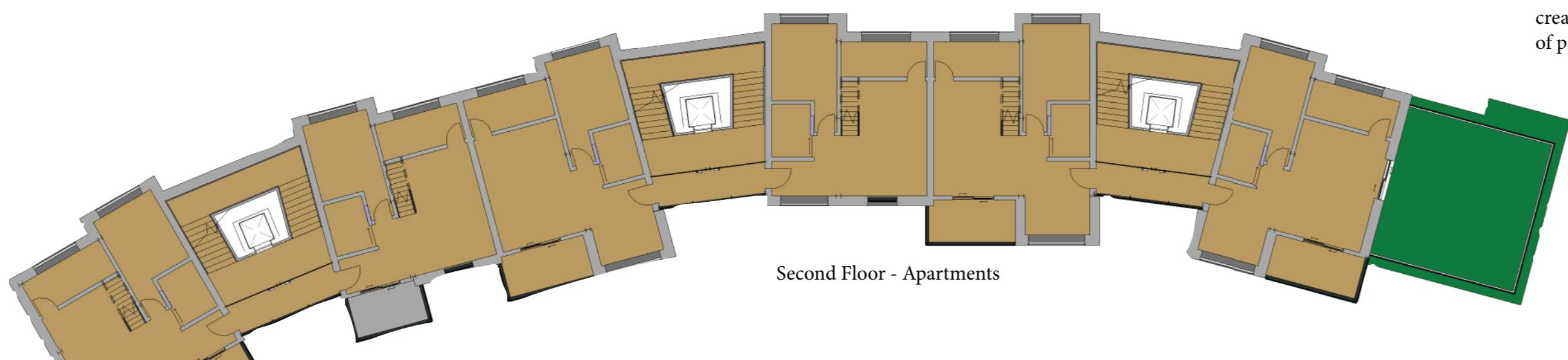
The brief stated the need for a 7-storey mix-use development, located in a prominent site in Barry Island, Friars Point. The design consists of a multi-faceted system which helped to illustrate the different uses for the building. Blue rustic brick represents the creative workspaces and workshops on the ground floor with offices on the first floor, whilst showing appreciation for the slate and industrial background of the site. Above consists of apartments, represented by the minimalist black cladding with a hint of modernism and luxury expressed by the gold cladding detail of the balconies.

A notable form of influence is BedZED, which helped inspire the use of Sun Spaces, considered a form of passive solar heating. Solar panels were placed on the extensive green roofs and intensive green roofs were incorporated for the garden terraces, this helped to connect the environment within the design of the building as a form of symbiotic bio-integration.

The surrounding environment has been carefully considered, assuring the design was sympathetic to the site. The external amphitheatre-like staircases are not only for aesthetics - they conform to the sites topography and allows access from the lowest point, to the desired ground level. This solution also helps add a communal, open seating area for the residents to appreciate the coastal views and natural beauty of the site.



Structural steelwork will be used to form the 'skeleton frame' for the proposal due to its high strengths and ability to resist dynamic forces such as wind which will be evident on site. Shear walls were integrated to add structural integrity. These helped to create stable points for the beams to span from. Due to the nature of the soil and rock on site, a decision was made to use a mix of pad foundations and strip foundations.



0 1 5 10m

An extensive green roof system is used on the highest levels and on top of Sun Spaces as this sedum roof requires low maintenance as it will have no general access. This system helps to offset the development and provides new habitats for wildlife within the site.

For the residential floors of the proposal the chosen Alucobond cladding panel colours are 326 Black which makes up the majority of the building and 605 Colorado Gold Metallic for the Balconies. These images should also be used as a guide for the patterns intended.



An intensive green roof system will be used for the accessible roof gardens or green terraces. These roofs will have a high footfall, requiring a different build up to the extensive system. As well as increasing biodiversity, these roofs provide open spaces for the occupants.

The Forterra Butterley brick has a wide range of colours, more importantly the desired colour which is included in their Blue range, the use of brick was important to highlight the workspaces and provide an industrial but modern aesthetic as a high quality facing brick. The blue smooth accomplishes the criteria.

