

HAYLING THERMAE HOTEL & SPA

EMILY IRISH
ARC605 FINAL YEAR PROJECT



Thermae Spa would like to propose a spa and wellness centre positioned in Hayling Island. The site is a brownfield, and currently has a funfair and car park situated on it which are rundown. Thermae Spa believe situating this right on the seafront will have a positive impact on the island as it will modernise the area. Hayling Island is situated just off of Portsmouth accessed via Langstone Bridge, from Langstone Harbour.

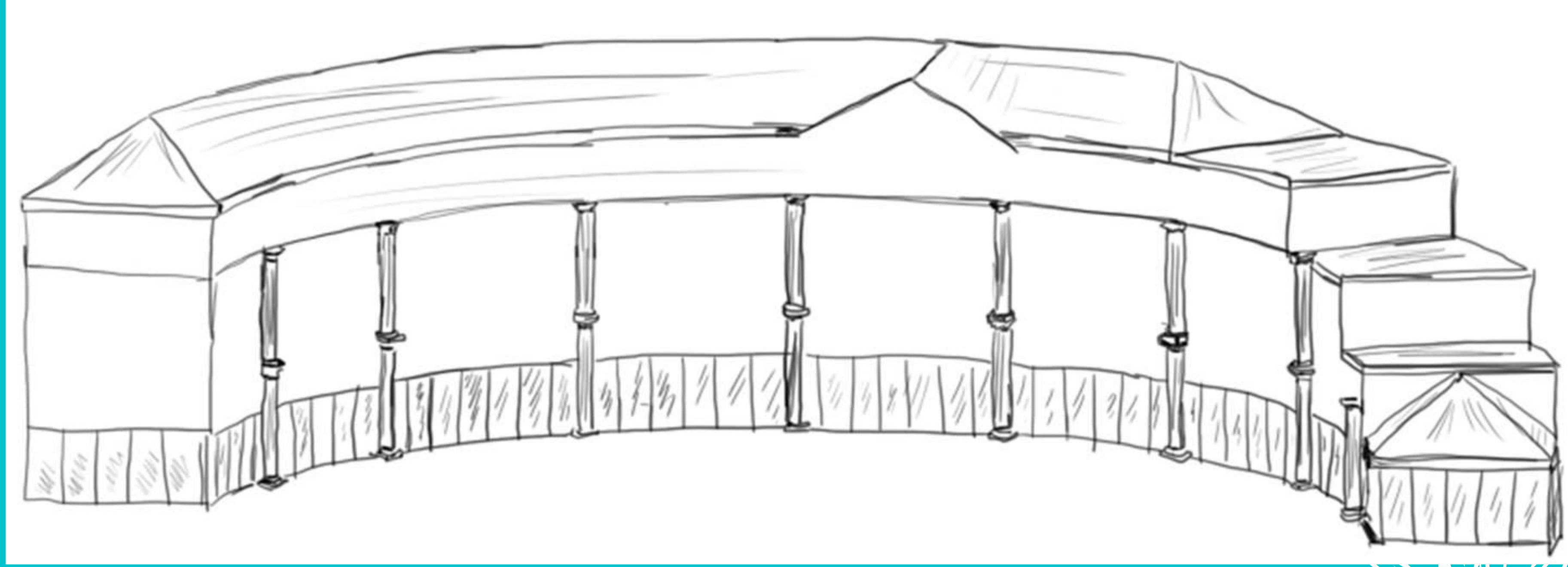
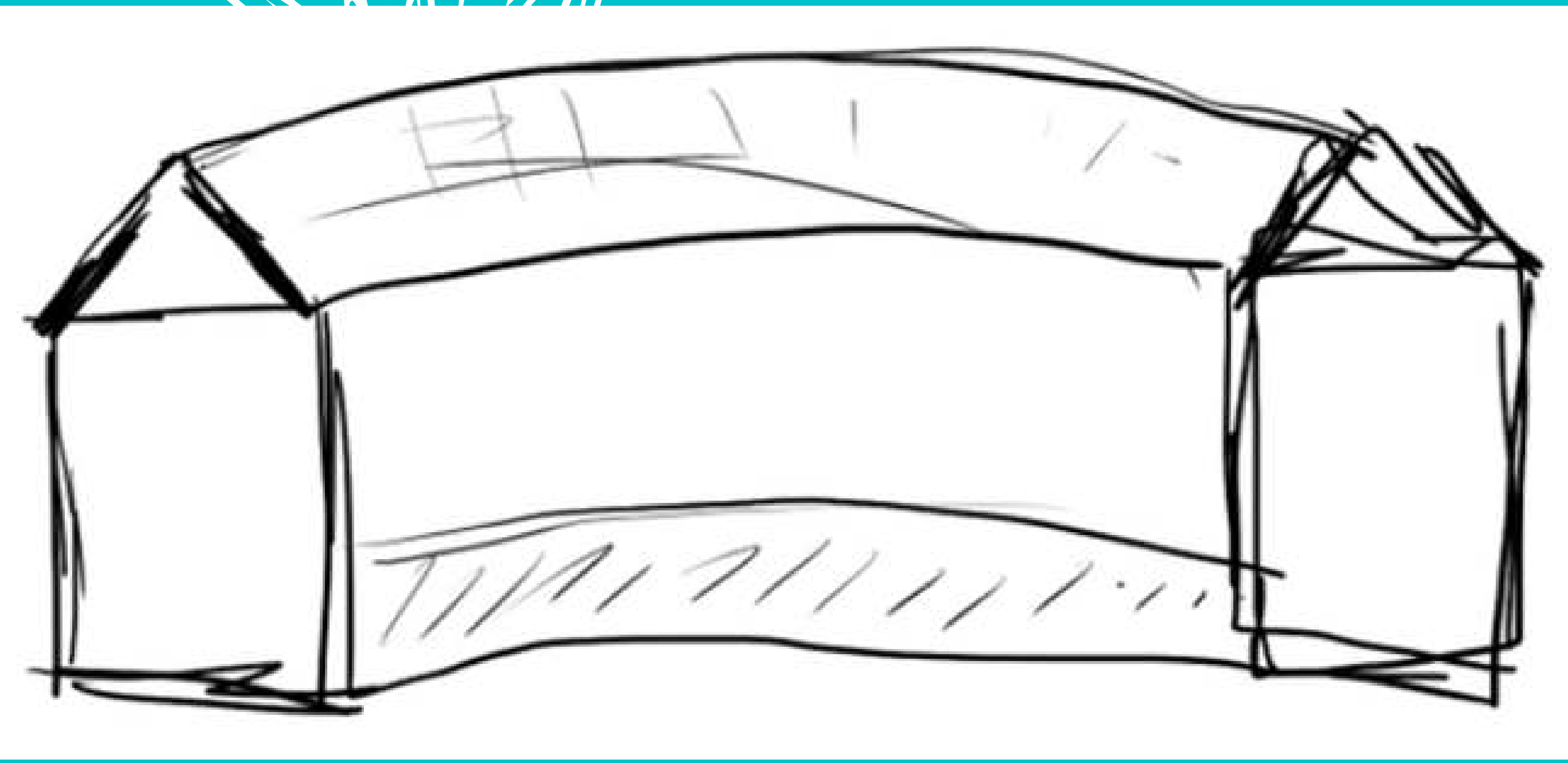
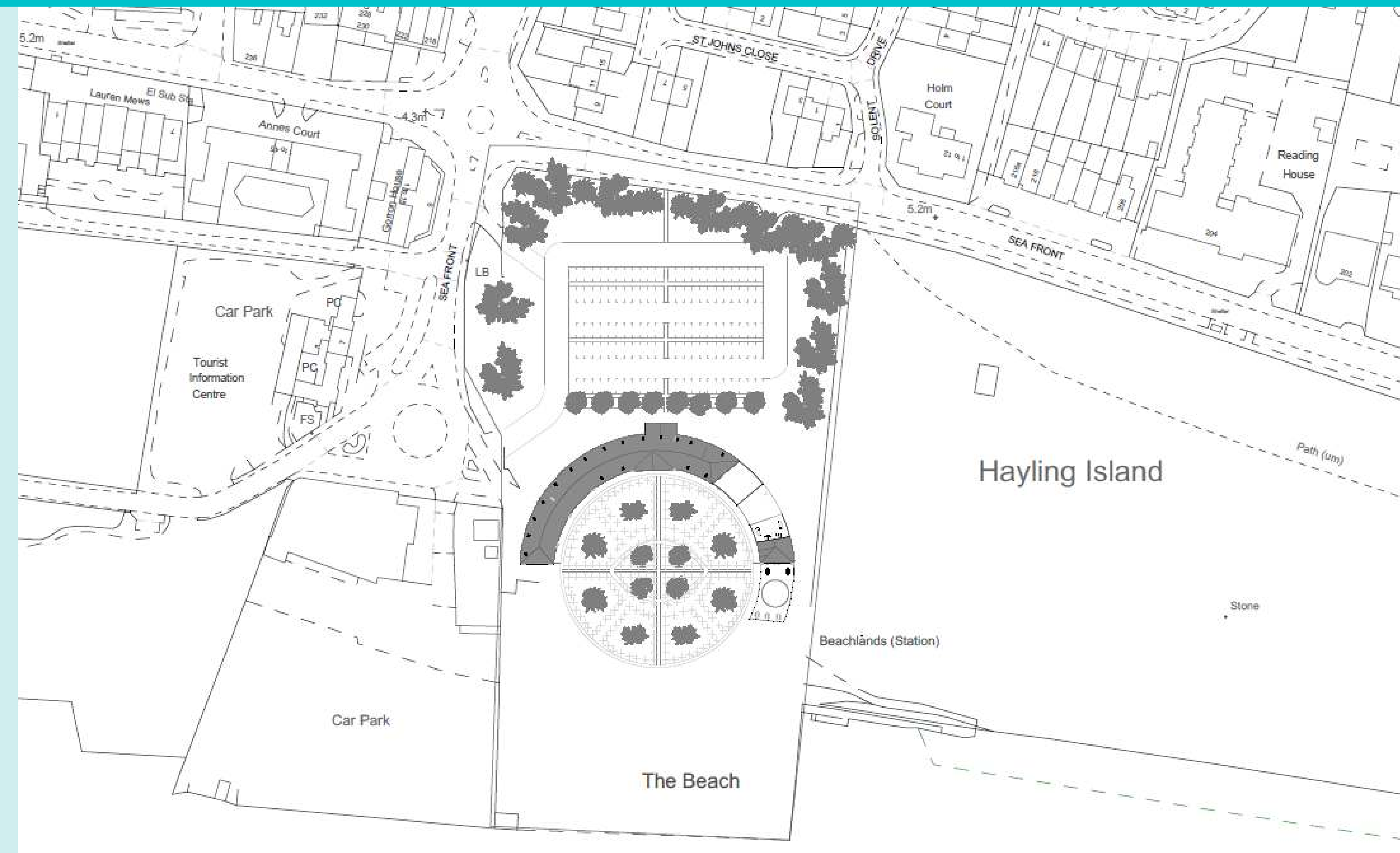
Research of Hayling Island shows that there aren't any spas on the Island itself, the nearest being part of the Langstone Quays Resort, which is situated by the bridge which crosses from the mainland. Adding a spa to the seafront would attract locals as well as tourists who visit the Island throughout the year.

Site Location

The site is located on the south coast of England, an island connected by Langstone Bridge to Havant. It is part of Havant Borough Council. The area of the Brownfield site measures approximately 20,000m².

Local Development Scheme

Under point 3.6 in the local development scheme, it is stated that one of the many 'distinct areas for redevelopment' is the Beachlands site. They believe the funfair in this location is 'no longer sustainable' and would like to develop a new improved food and drink outlets.



Metsec with stone screen external finish. Real stone is very heavy and expensive, so could be used for features.

UK based company to reduce carbon footprint.

Classical Georgian Columns made from Stone masons based on the south coast.

UK based company to reduce carbon footprint.

Raised above ground to reduce damage to the natural environment.

PV panels to the south elevation to capture as much sun as possible to generate electricity in the Hotel & Spa.

Slate tile roof.

Low carbon footprint.

Balcony from a UK based company to reduce carbon footprint in travelling to the site.

The electricity generated by the sea could also then be used to power the hotel & spa.

Sea water pool.

Heated by kinetic energy produced by the sea.

Curved structural glazing to allow in as much light as possible to the museum.

UK based company to reduce carbon footprint.

Bedroom design

Each bedroom in the hotel is bespoke due to the curved shape the Renders to the left show examples of a Double Suite room in the hotel.

There area mixture of Double, Twin and Double Suite rooms in the Thermae Hotel and Spa. Although they vary in size each contains a spaciaoud bedroom and ensuite with either bath, shower and both in the Double Suite rooms.



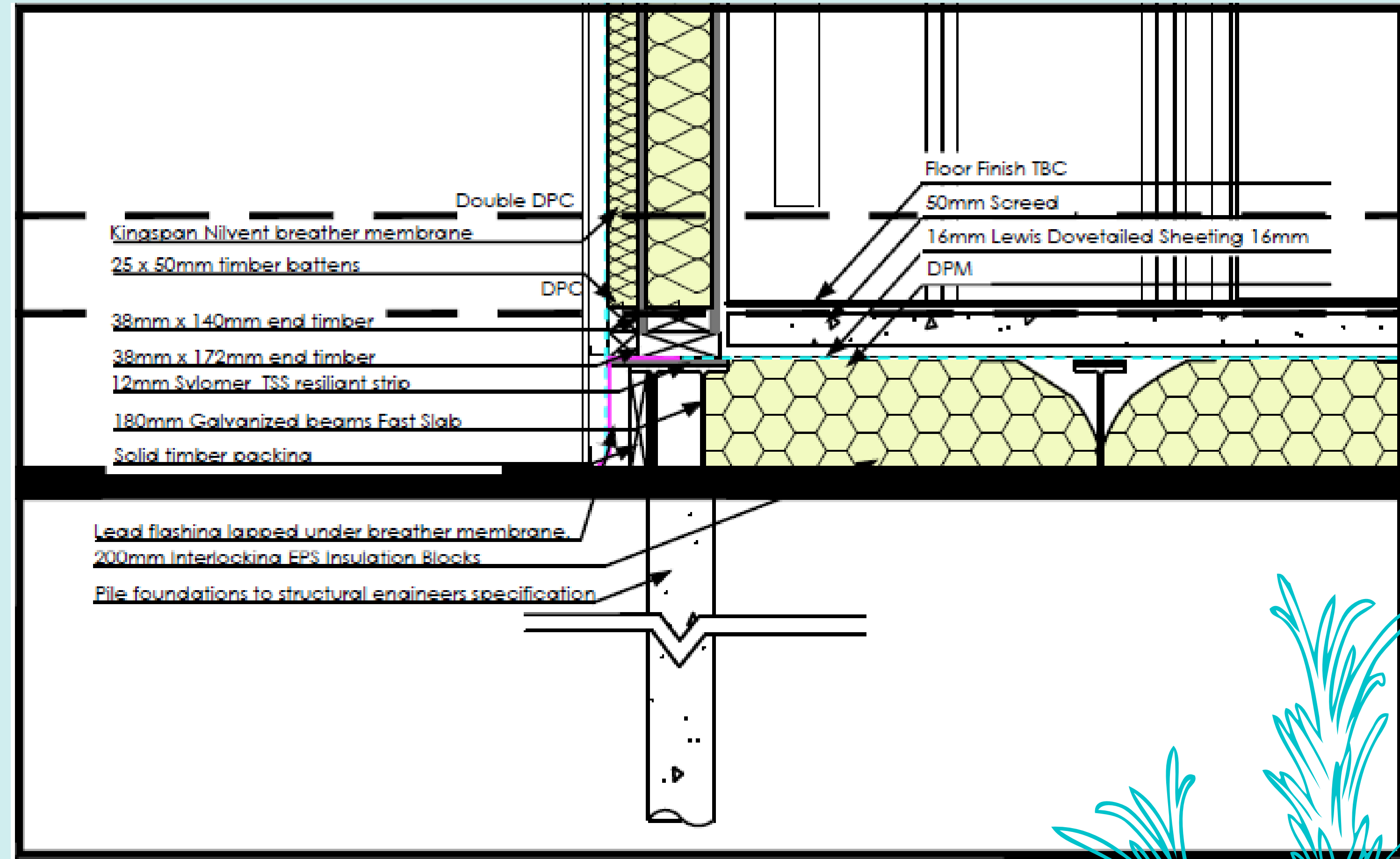
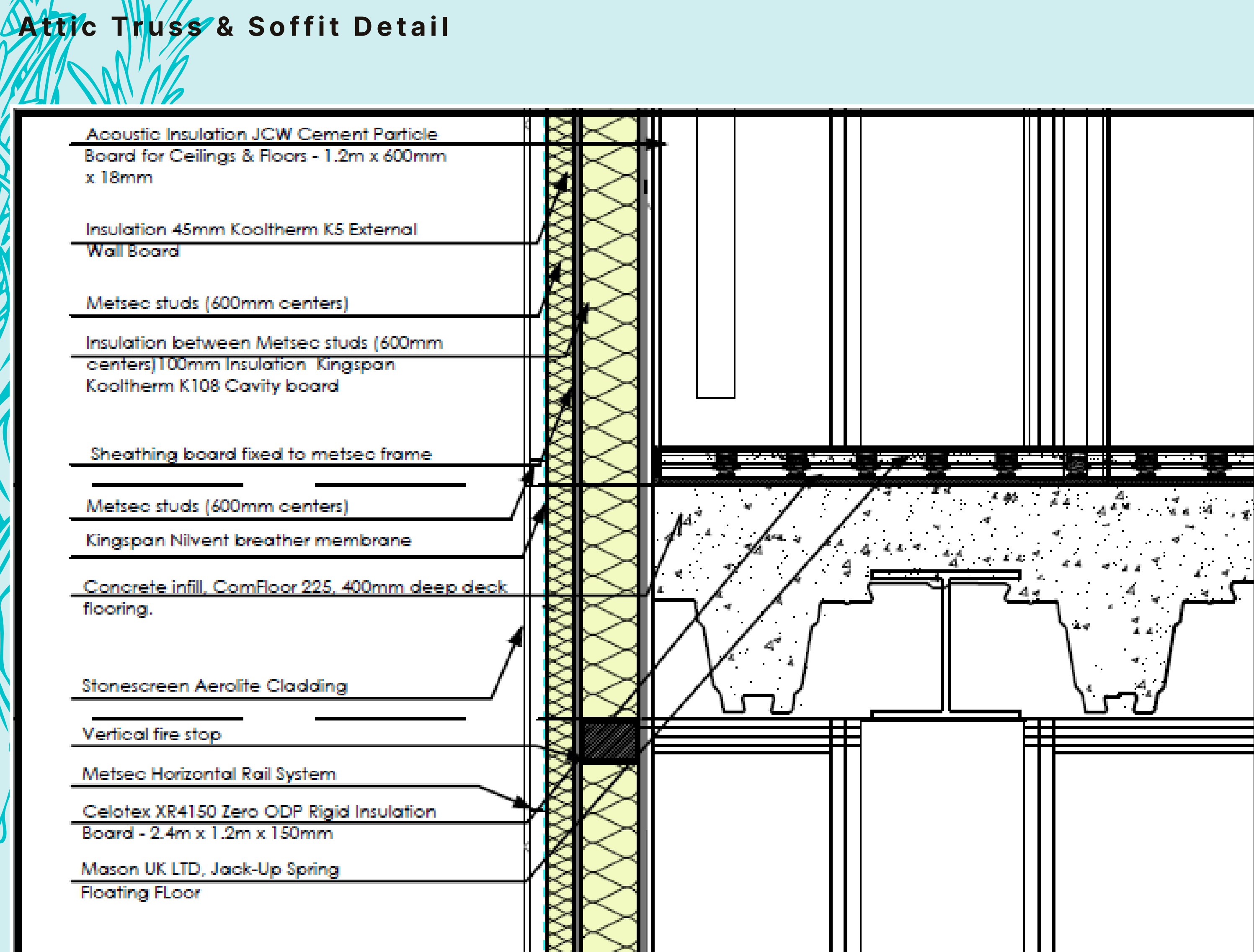
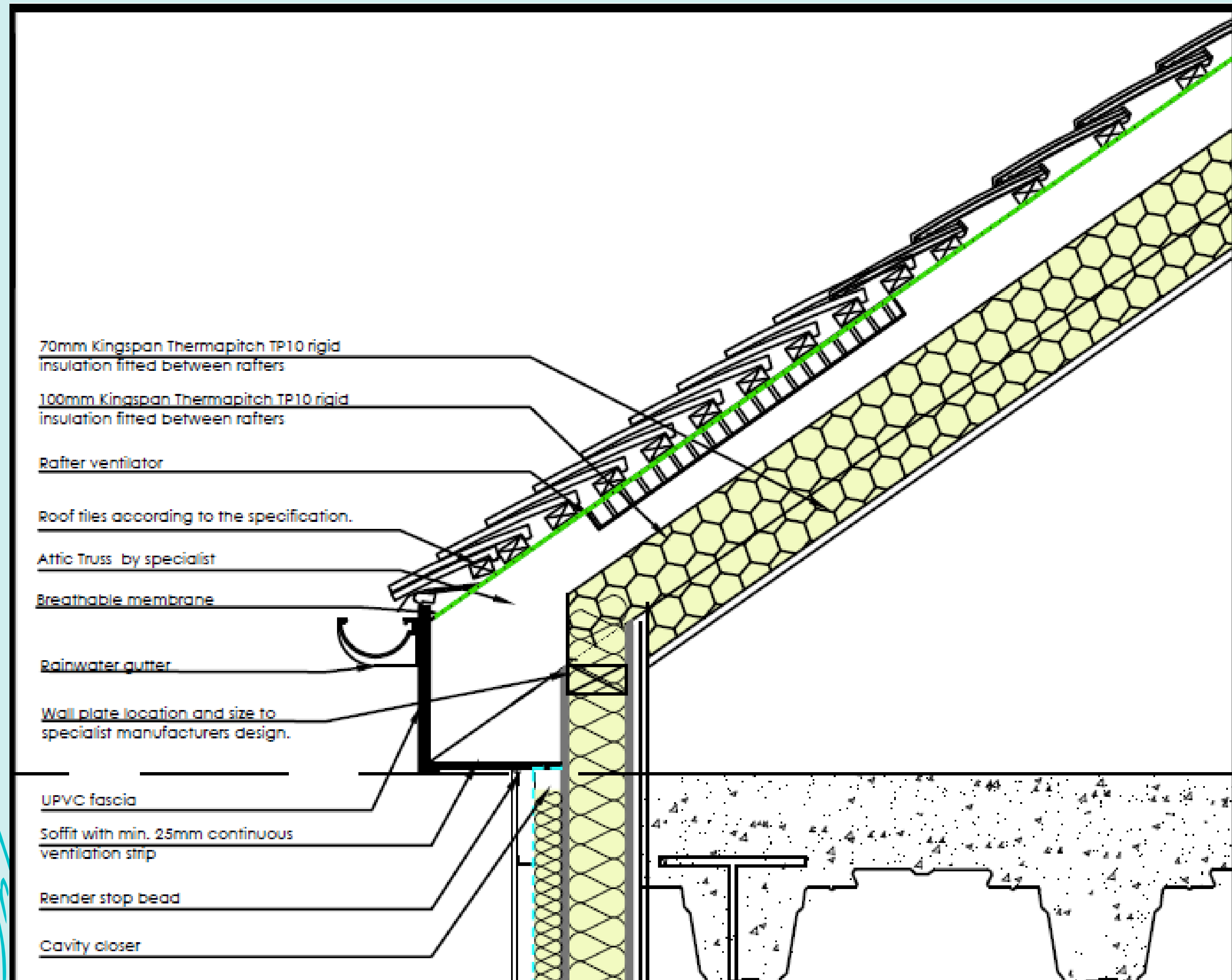
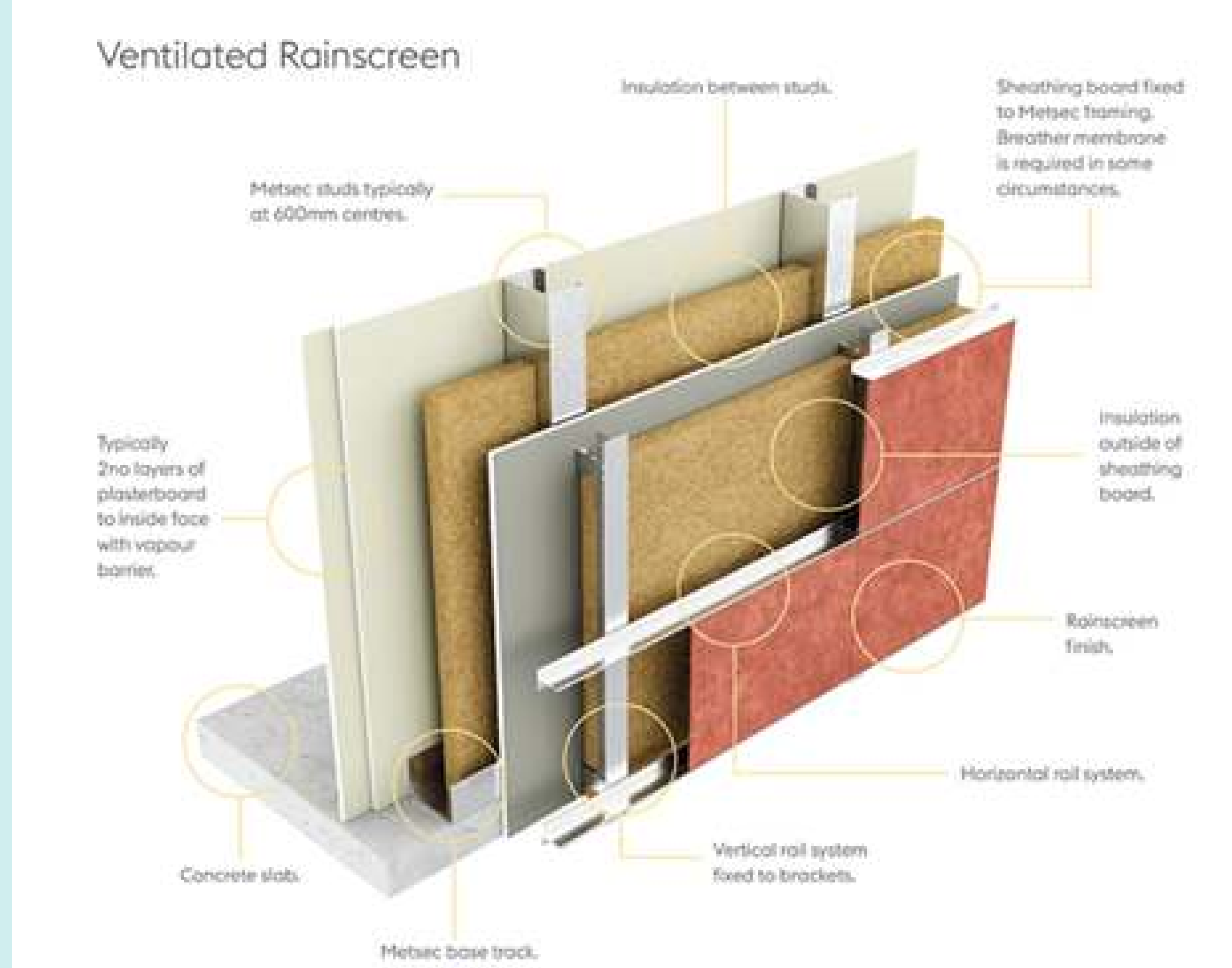
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Wall Makeup

To the right is a 3D section of the proposed Metsec frame system.

The exact wall makeup proposed for the Thermae Hotel & Spa is: 10mm thick Stonescreen Aerolite cladding, METsec horizontal rail system, Kingspan Nivilent breather membrane, 45mm Kooltherm K5 external wall board, Sheathing board, 100mm Kingspan Kooltherm K108 cavity board, Sheathing board, 2 x 12.5 plaster board.



Technical Design stage

The Hotel & Spa will meet part M building regulations with level access to all ground floor entrances and has the inclusion of lifts at each stairwell. The columns have been incorporated to the Thermae Hotel and Spa to give a grand and impressive appearance. Although the north elevation, facing the car park, isn't very interesting or impressive, the large columns surrounding the front door with above balconies gives a welcoming and grand entrance.

