

## Trident Park - Design Approach

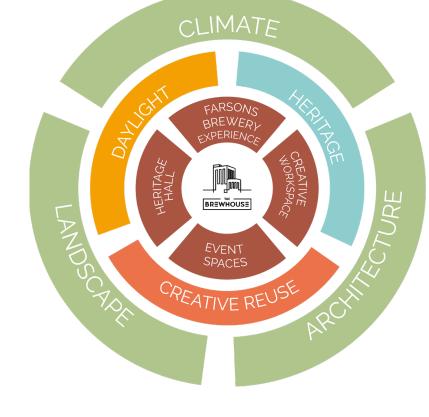
# Farsons Old Brewhouse & Trident Park, Malta

## redefining the Maltese workplace

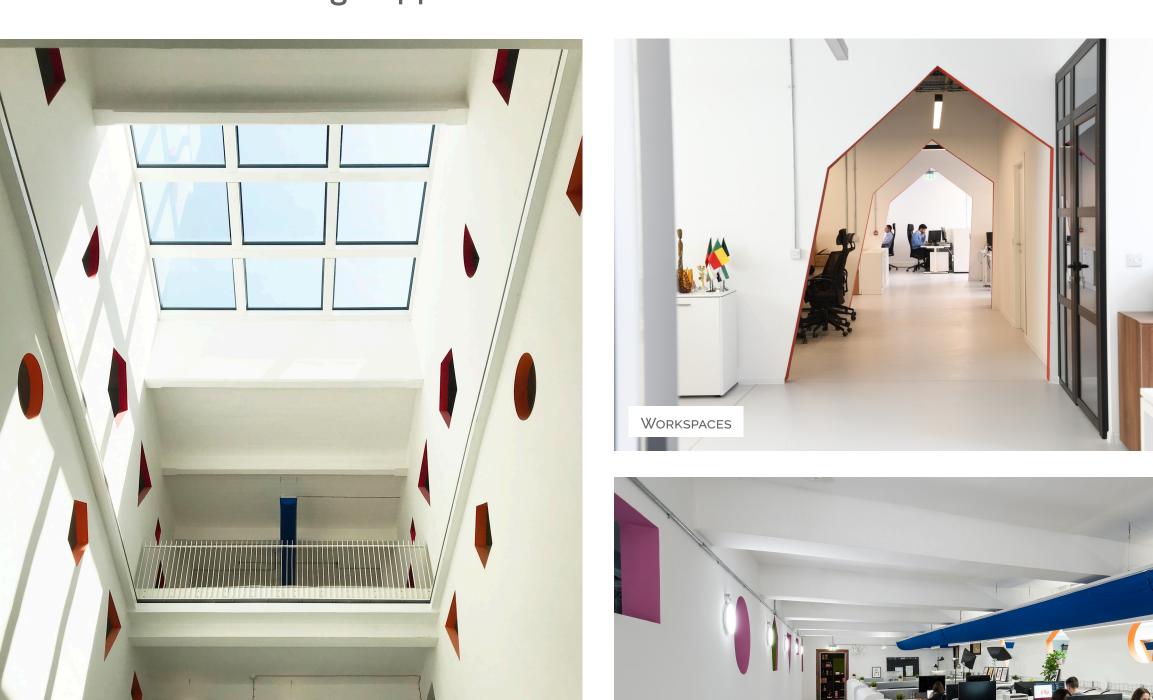


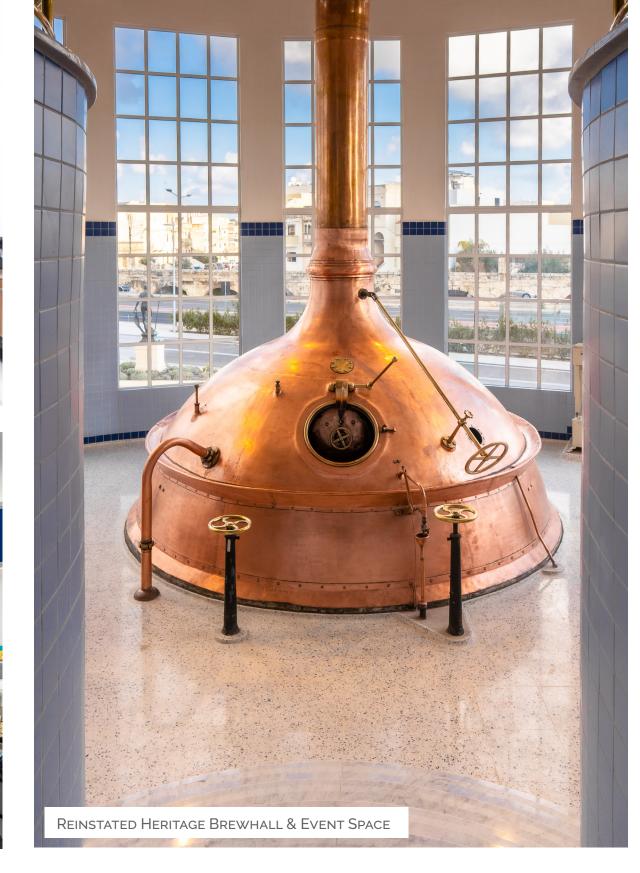
In 2013 ritchie\*studio won an invited architectural competition to consider the transformation of the 1950's Simonds Farsons Cisk brewery, on the island of Malta. 10 years later, now completed, the project will be inaugurated in June 2023.





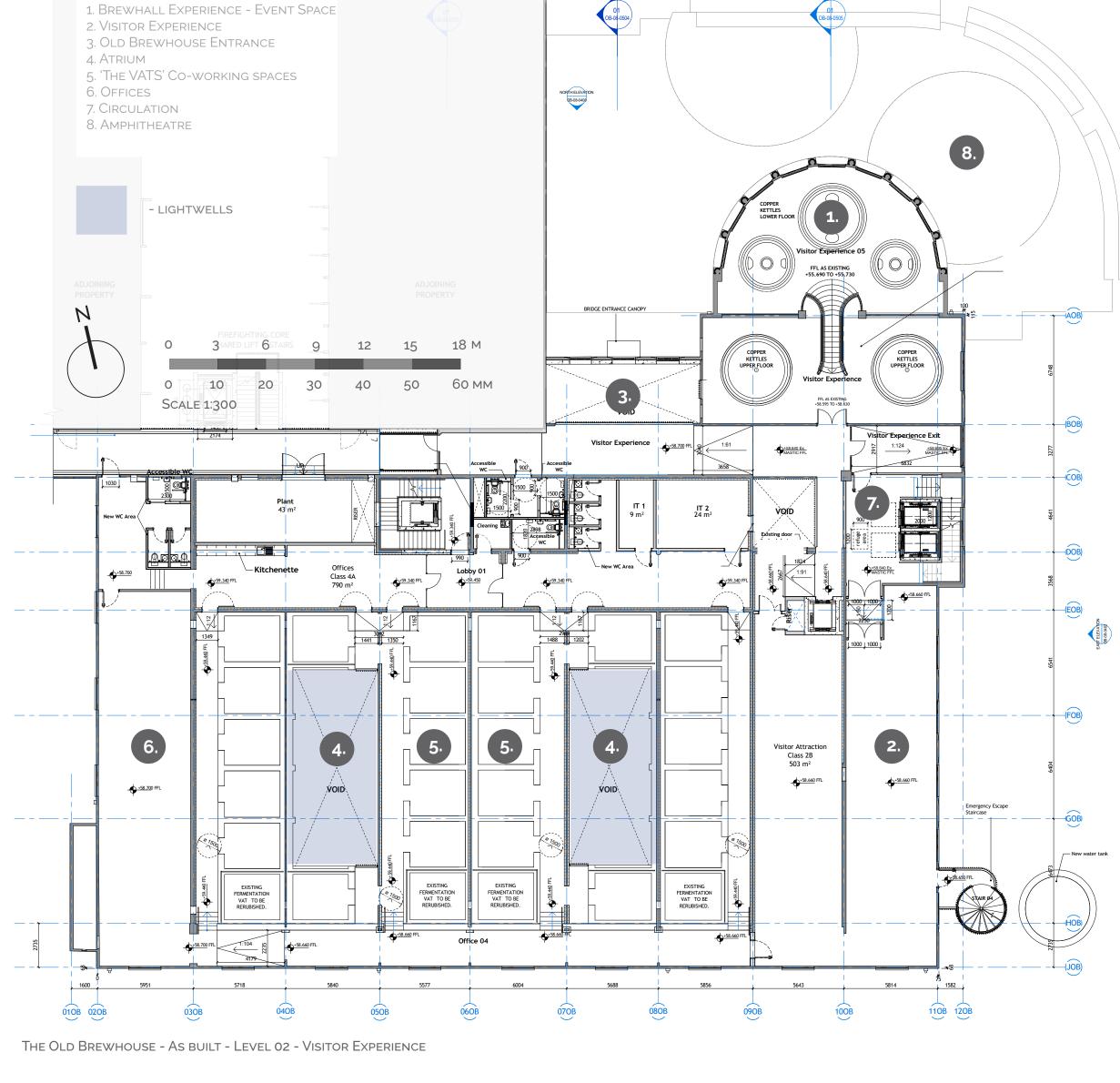
Brewhouse - Design Approach

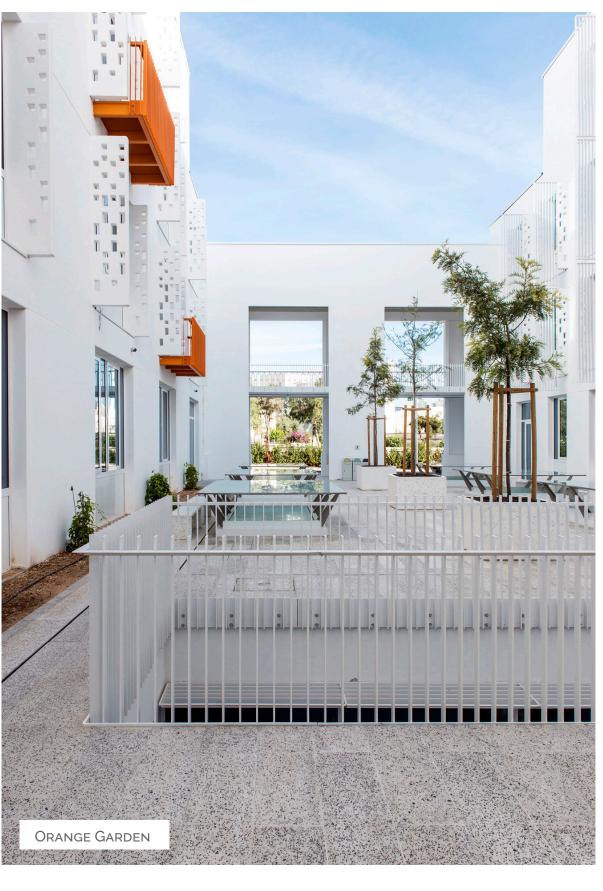












Trident Park's seven low-rise stepped buildings cover only 43% of the site, and all have east/west facing opening windows, with landscaped courtyards between. Each building partially shades its neighbour, and their vertical brise soleils create an ever-changing interplay of light and shadow. The shaded walkways/colonnades complete the composition.

The design exploits daylight and air to help deliver a carbon footprint 55% less than the current equivalent in Malta. Workplaces are optimised for natural cross-ventilation and glare-free daylighting. The ambition, albeit in a hot climate, was to create workspaces requiring no air conditioning. The thermal mass is exploited by a Thermally Active



Building System which uses 16-17 deg. C water to cool the floor plates overnight reducing significantly the operational energy demand. The slabs become the ceilings and, empty of light fittings and other paraphernalia, provide the 'zen' surface upon which uplight, when needed, is reflected into the workplace.

The result is a radical reinterpretation of the conventional office environment as a 'Knight Templar' inspired, genuinely sustainable environment within which to work, relax and communicate. Alongside its retained industrial heritage, a new viable and sensory enlightened urban workplace setting has created a more open and shared lifestyle opportunity and establishes a benchmark for future development.



### Acknowledgements

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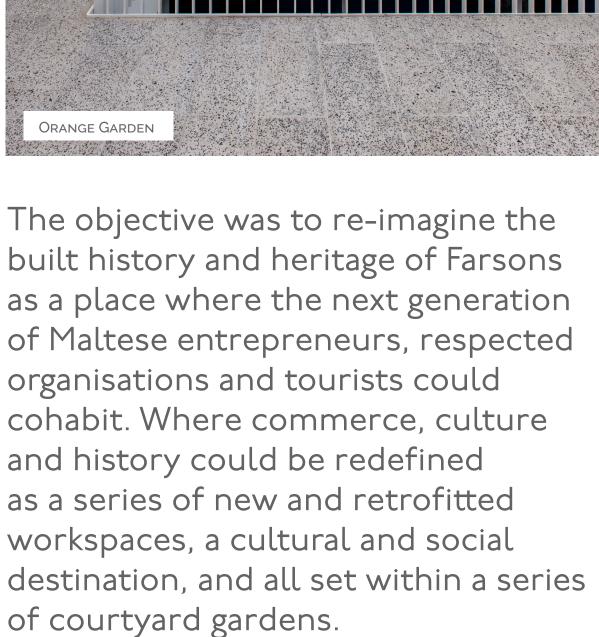
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This was achieved by transforming the Old Brewhouse without losing its unique qualities and integrating a highly sustainable commercial campus beyond a retained 200mm long Art-Deco colonnade. The concept is about sharing facilities – workspaces, F&B spaces, terraces, gardens, heritage, event spaces and circulation.

