Ancient Greek (krýos) /'involving or producing cold, especially extreme cold./

- This design proposal seeks to establish an alternative training and coaching facility for all branches of GB Rowing Team. The design intervention will be structured around how the adaptive reuse of a bath house can contribute physical and psychological development of the team through the process of activating their body and mind.
- To tackle the lack of physical and psychological growth, the design will be structured around the Wim Hof Method, which harnesses the power of breathing, cold therepy and mindfullness. Highlighting the need for a innovating, new space for GB athletes to reach their full potential.
- These interior strategies when combined with the science behind the carefully formulated Wim Hof Method will create a simple, effective way to stimulate these deep physiological processes.







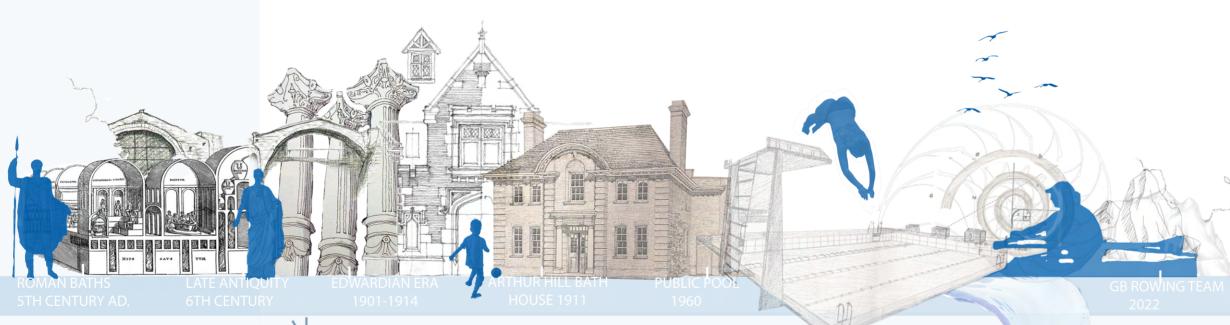












? REDGRAVE PINSENT LAKE

The Redgrave Pinsent lake and boat house is the central hub of Team GB Rowing, used for all their official training and coaching. The 2k stretch of the river hosts many international regattas.







Research shows the air quality to be excellent in Reading. Ventilation will be circulated around the building with air from the opening skylights, dispersing moisture from the pools.

♥ SUN PATH



South facing, the natural culmination of the sun's path will not be blocked by any additional structures. The skylights will provide maximum natural light, allowed to pass down through the indented floors.







14 mph, South Westerly average wind speed on the lake. A head or tail wind is a key factor in the physical aspect of rowing.

USER- Team GB Rowing

GOALS: COACH To opimise the technique and speed of a





GB SEN-IOR

GB

START

GOALS: International races such as World Championships.

rower over 2k.



BLUE 20-25 years ORANGE 25-30 years

GOALS: **GB U23** Often juggling

university studies and training. training.

BLUE 14-18 years ORANGE 18-22 years

GOALS: Many hours of focused coaching to

> improve technique.



BLUE 18-23 years

CLIENT- Sport UK



There are 54 rowers in Team GB, 32 men and 22 women.



The average height of a rower is 6ft 4in, with an arm span of 6ft 5in.









ed UK Sport with £25 million spent on the Toyko Olympic

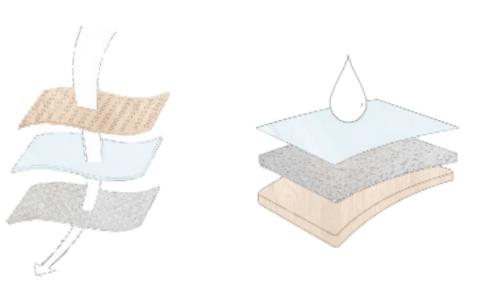


CONCEPTUAL APPROACH

- Such as the human race has disconnected with nature due to modern day comforts, so has the built environment around us. Architecture and our physical bodies are stagnating at the same point. The metaphorical and physical tools laid out can be successfully implemented through the means of biolphilic alteration.
- The mental approach to the Wim Hoff Method is directly mirrored within the circulation of the building. With the central spiral ramp mimicking the core process of practising the three pillars of the method. These pillars have manifested into three zones. Reflecting entering a cold pool, the top floor is flooded with natural light, gradually descending into the colder, most mentally challenging area of the facility in the basement.

MATERIALS

- Cherry Wood- Closed porous hardwood, high resistance to shrinking and warping in the face of moisture, shock resistant.
- | Impermeable Concrete-Treated with a Polyurethane sealant, forms a waterproof membrane.
- Tempered glass- Floods light throughout the building, designed for saftey.





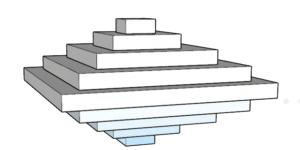
1. BREATHING



66 You can change your own chemistry just by BREATHING, cold exposure, and mindset 🧦

CONCEPT

AXONOMETRIC



ZONE 1

Meditation The mental approach to the Wim Hoff Method is directly mirrored within the circulation of the building.

2. CRYOTHEREPY



66 Cold is a STRESSOR, if you are able to get into the cold and control your body's response to it, you will be able to CON-**TROL** stress

Desending through the Wim Hof Method

Reflection of an

athlete's mental state



Breathing ZONE 2

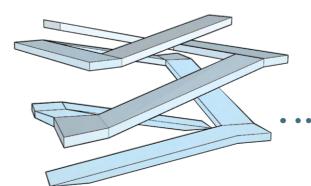
With the central spiral ramp mimicking the core process of practising the three pillars of the method.

3. COMMITMENT



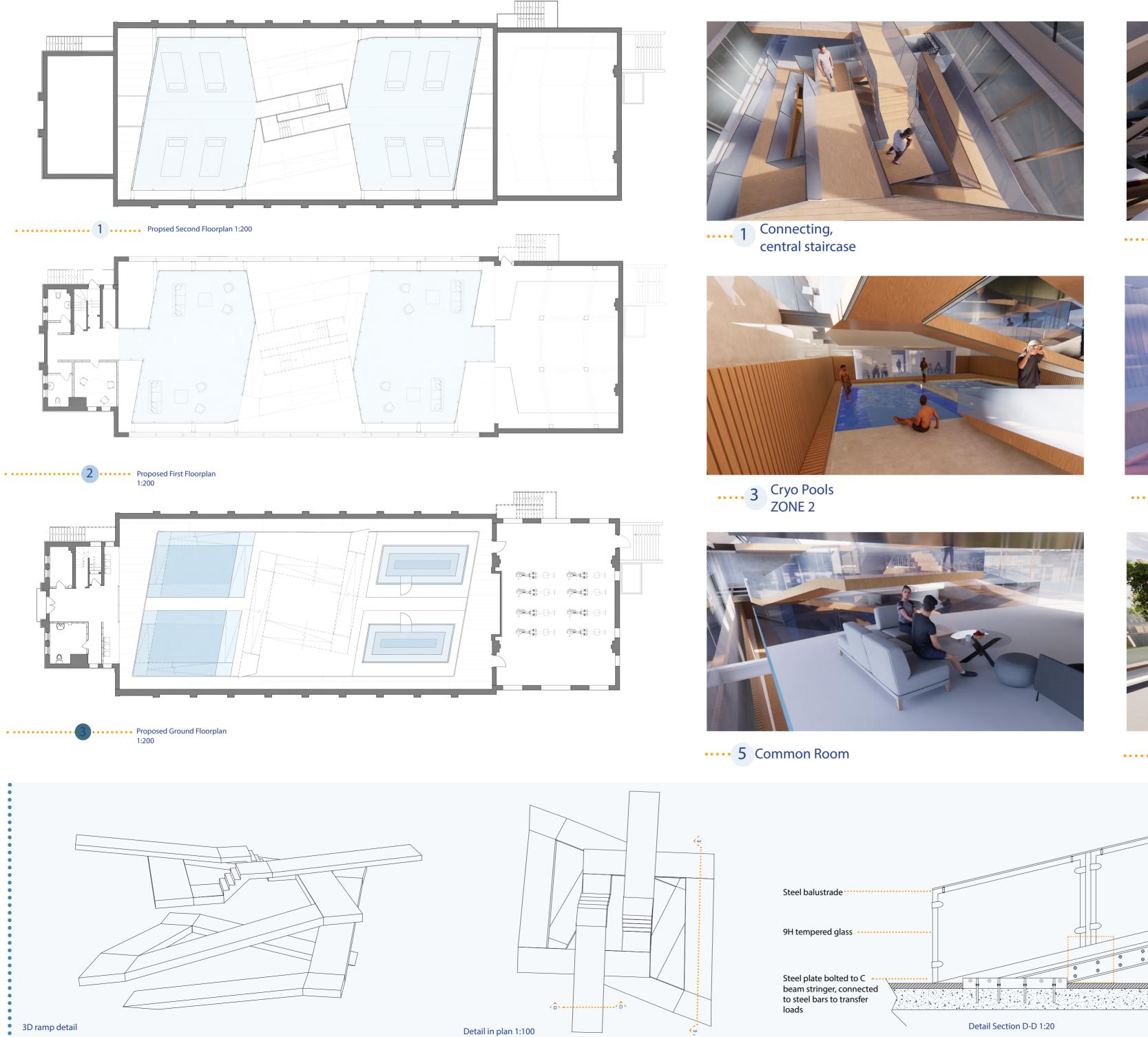
66 Your fitness is 100% MENTAL. Your body won't go where your mind doesn't push

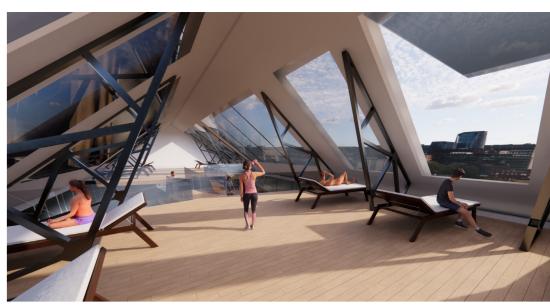
Physical reflection of entering a cold pool



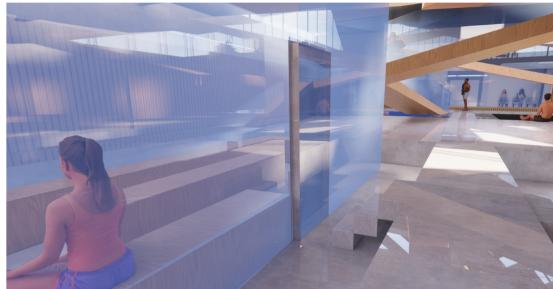
ZONE 3

Cold Pools These pillars have manifested into three zones. The top floor is flooded with natural light, gradually descending into the colder, most mentally challenging area of in the basement.





.... 2 Meditation ZONE 1



Breathing ZONE 3



.... 6 Roof Garden

