



BALANCE

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Inside the dome is a platform made from a heavy steel frame that acts as the central node for the 4 arms. The dome is connected to this foundation. The top of the platform has a wooden finish with a central area of grass. At the very centre of the platform is a fully ground tree planted down into the base of the platform. Around the grass area are 4 double aspect benches each one made from the 4 main material finishes of the ribs. These benches allow you to sit and enjoy the experience, looking both inward and out. Each arm walkway brings you to the centre and back out of the sculpture.

The main dome is made from a geodesic frame, the steel core is connected by the four main materials swirling up from each arm, polished concrete, dyed glass, oxidized steel, solid oak. the frame supports the form of the dome which is made from transparent photovoltaic solar panels each triangle is approximately 3m2. This skin will cover 75% of the dome's surface. The gaps will allow the space to keep cool and regulate the condensation. The total solar panel area will be 210m2 with each m2 producing 300 watts. The total energy generated by the dome section will be approximately 63000 watts.

The Arms are supported by a main bespoke steel beam with a wooded walkway on top. The ribs connect into this main beam. The walkway has a ballast rail made with transparent photovoltaic panels and a wooden handrail. Each arm has approximately 60m2 of photovoltaic panels each m2 produces 150 watts. The total arms energy production is: 36000 watts.

The sculpture has 4 arms that create the vortex of the 4 elements; Fire, Earth, Water and Air. Each element is represented by the materials the ribs are constructed from. Each rib is the same form, 3 curved 3d sections and stainless steel connecting nodes.

WATER: DYED GLASS.

FIRE: OXIDIZED STEEL.

AIR: POLISHED CONCRETE.

EARTH: SOLID OAK.

