

THE SKYLIGHT GEOMETRY

(AND THE CONCEPT OF TRANSFORMATION)

THE MESSAGE OF THE PROJECT

The over-arching message of the project is that we, as a society, must create a more profound relationship to the natural world.

THE CONCEPT OF TRANSFORMATION

The transformation of energy *from one form to another* is the process driving the natural phenomena of solar radiation, wind, run of river, electricity and electrolysis, and many others. This transformation is made possible by the underlying order at the atomic and sub-atomic level.

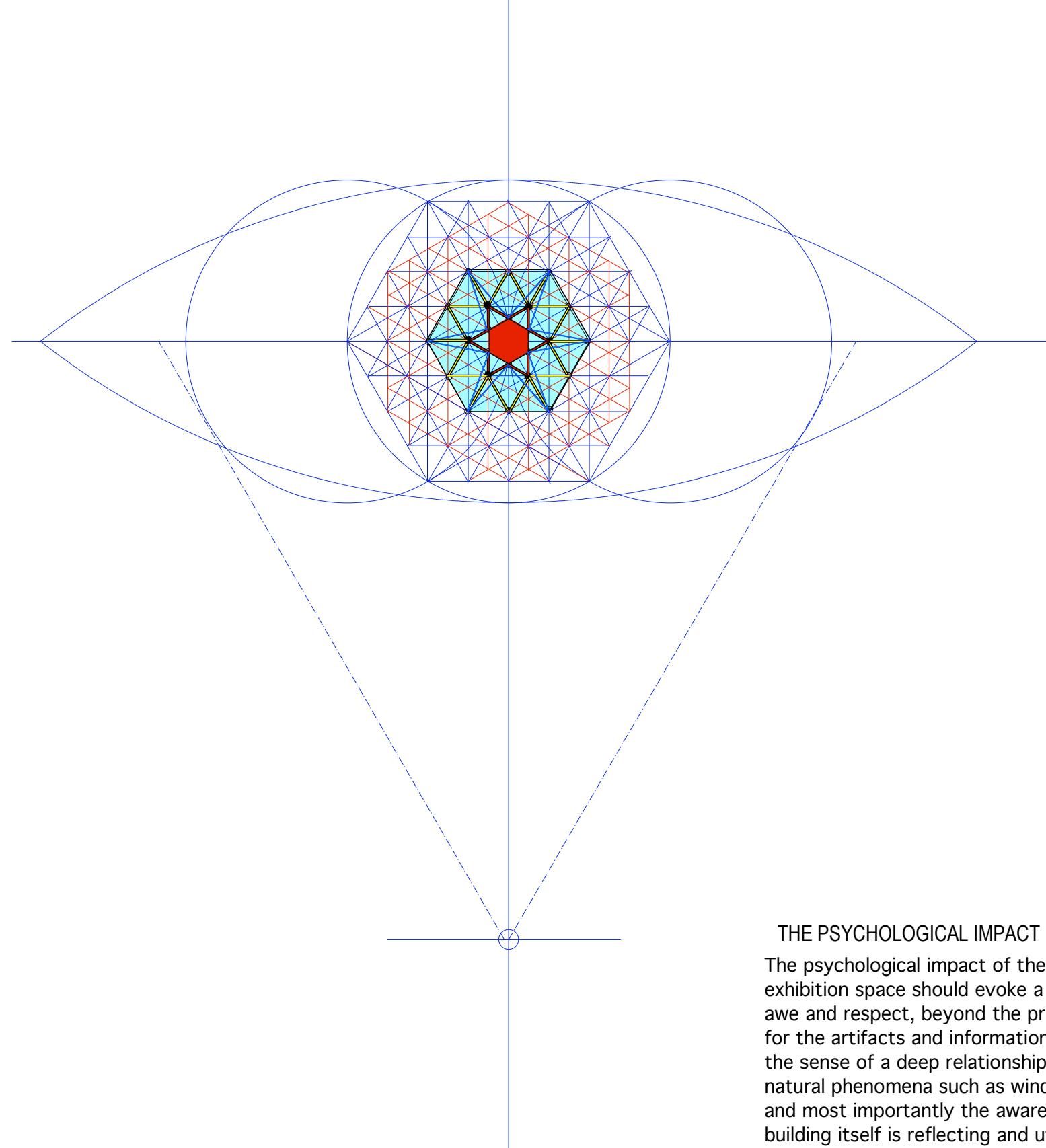
The skylight geometry is an example and reference to that order. The overlapping of two circles of equal radii in a precise alignment generates the basis for the hexagonal matrix contained within.

No dimensions are required. The relationships are a fact of nature. The circle which contains the unknowable dimensions of circumference and area, transforms to a hexagonal shape with precisely measurable dimensions. The physical realization of the geometric framework is the beautiful skylight, prisms, and solar panel over the central exhibition space.

The design basis for the skylight is a complex yet ordered structure exemplifying the order in nature. It is a potent reminder that society needs to re-visit and re-evaluate our relationship to the order of the natural world before we destroy this paradise we live in.

The examples of the technologies shown in the exhibit are not just another step in the 200 year history of the attempt at technological domination over the environment, they are a recognition of ways in which we can utilize timeless natural phenomena and transform their energy to useful purpose.

Energy can neither be created nor destroyed, it can only be transformed, badly or wisely.



THE PSYCHOLOGICAL IMPACT

The psychological impact of the the major exhibition space should evoke a number of responses: awe and respect, beyond the practical, for the artifacts and information being presented; the sense of a deep relationship to the basic natural phenomena such as wind, sun, and water; and most importantly the awareness that the building itself is reflecting and utilizing the order inherent in nature.

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PROJECT:

ANMORE

DRAWING:

**SKYLIGHT & STRUCTURAL
SUPPORT GEOMETRY**

REVISION / ISSUE DATE:

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