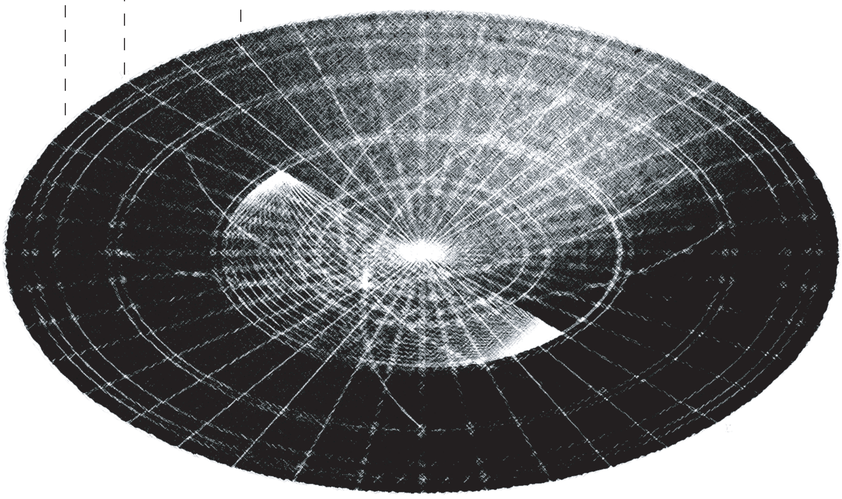
the reflective material acts as a
‘reverse sundial’. reflecting the sun
when placed outside. It also reflects
clouds, tree branches, birds, forcing
you to look up.

elliptical facing the southern sky;
facing the ray of sun.

angled slightly up
(tilted to match the sun’s altitude)

altitudes in nyc:
winter solstice (dec 21) it’s ~24.5° above horizon
spring/fall equinox (~mar 21 / sep 21) ~48.5° above horizon
summer solstice (~june 21) ~72.5° above horizon



a polar coordinate representation of the sun’s movement across the sky, adjusted for latitudes from 40° to 50°.(nyc’s latitude is 40.7°N)

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altitude is mapped radially;

how high the sun is, is shown by how far out from center the point will be.

center - horizon, outer circles, sun is climbing, up to 90°

azimuth is mapped angularly;

the sun along the horizon (from east to west) is shown by the angle of the point. 0° is East, 90° is North, 180° is West, 270° is South.

elliptical facing the southern sky;
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some lines show perception;

the red lines expect the perception of the seasonal changes in altitude.

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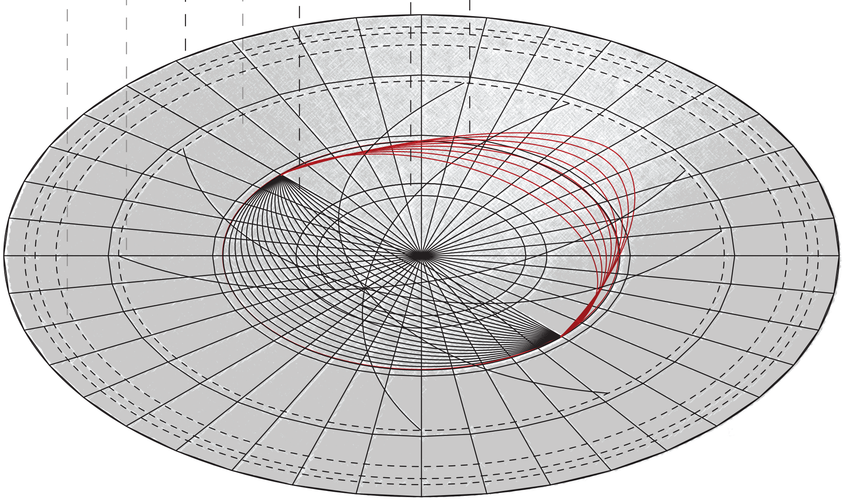

oversized dimensions demand movement. to turn it, you have to extend your arm, bend your body, shift your weight.

calibrated for human scale, you need to extend both your hands out to turn it.

embodied interaction recalls a more intuitive measurement. using hands, eyes, arms, and re-orienting your body to read the sky.

the dial is adjusted for the seasonal changes in daylight hours in nyc.

so you can read the hours, move the dial, and choose the index.

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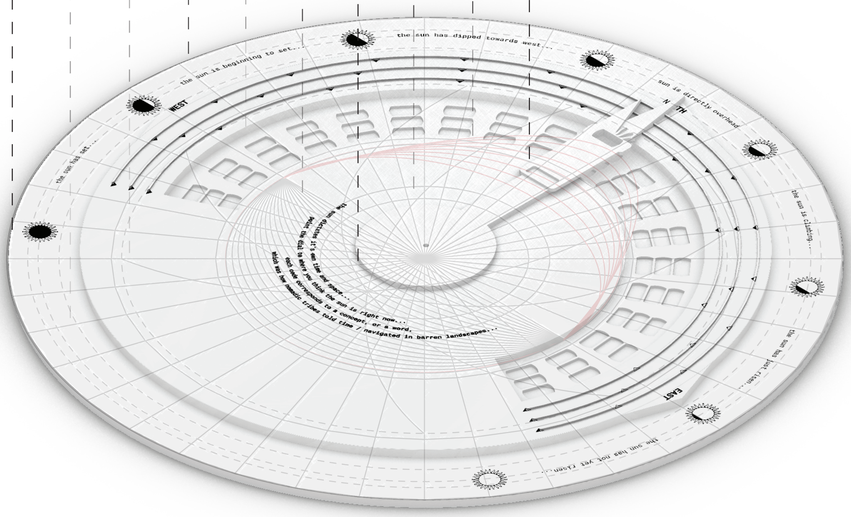

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resistant atlas

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