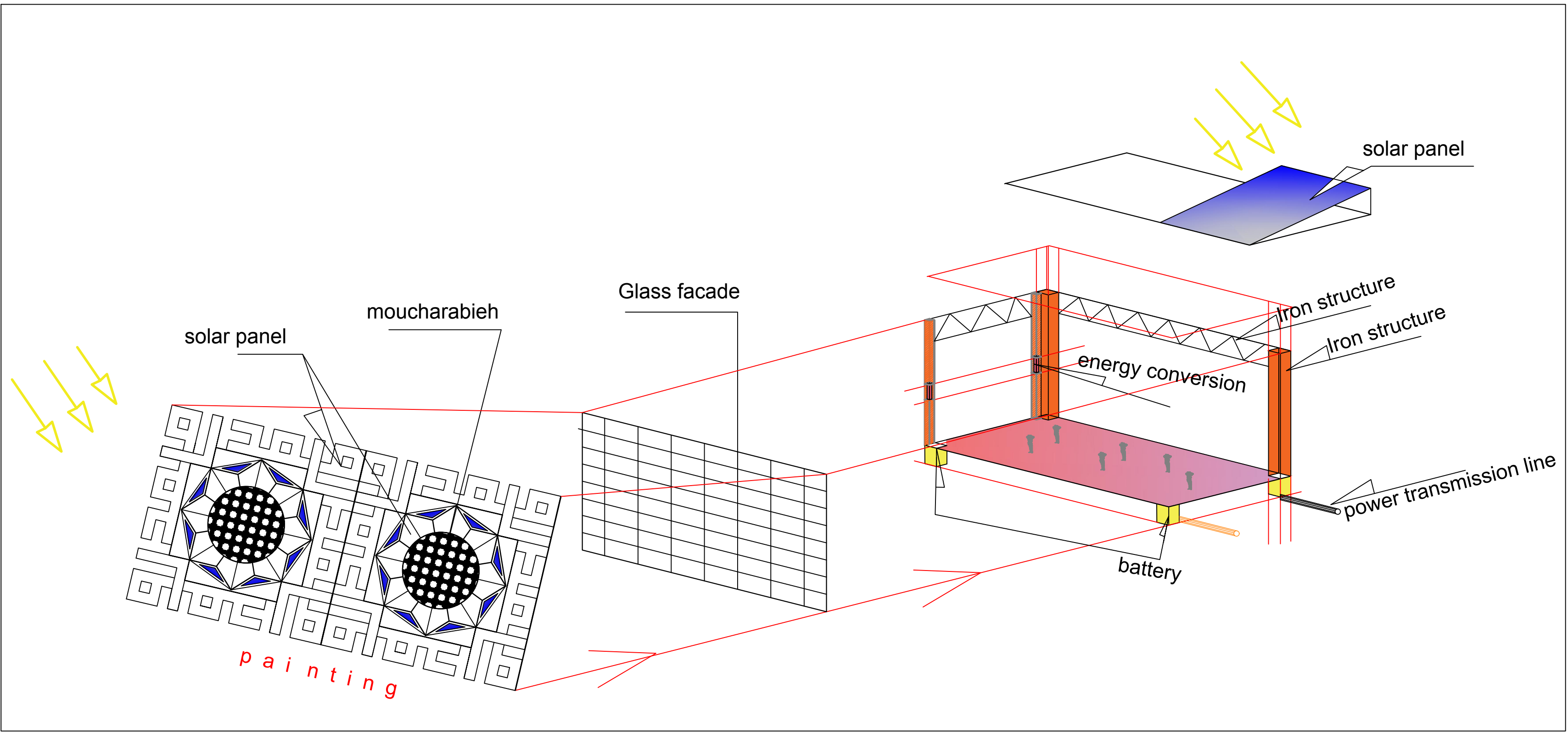
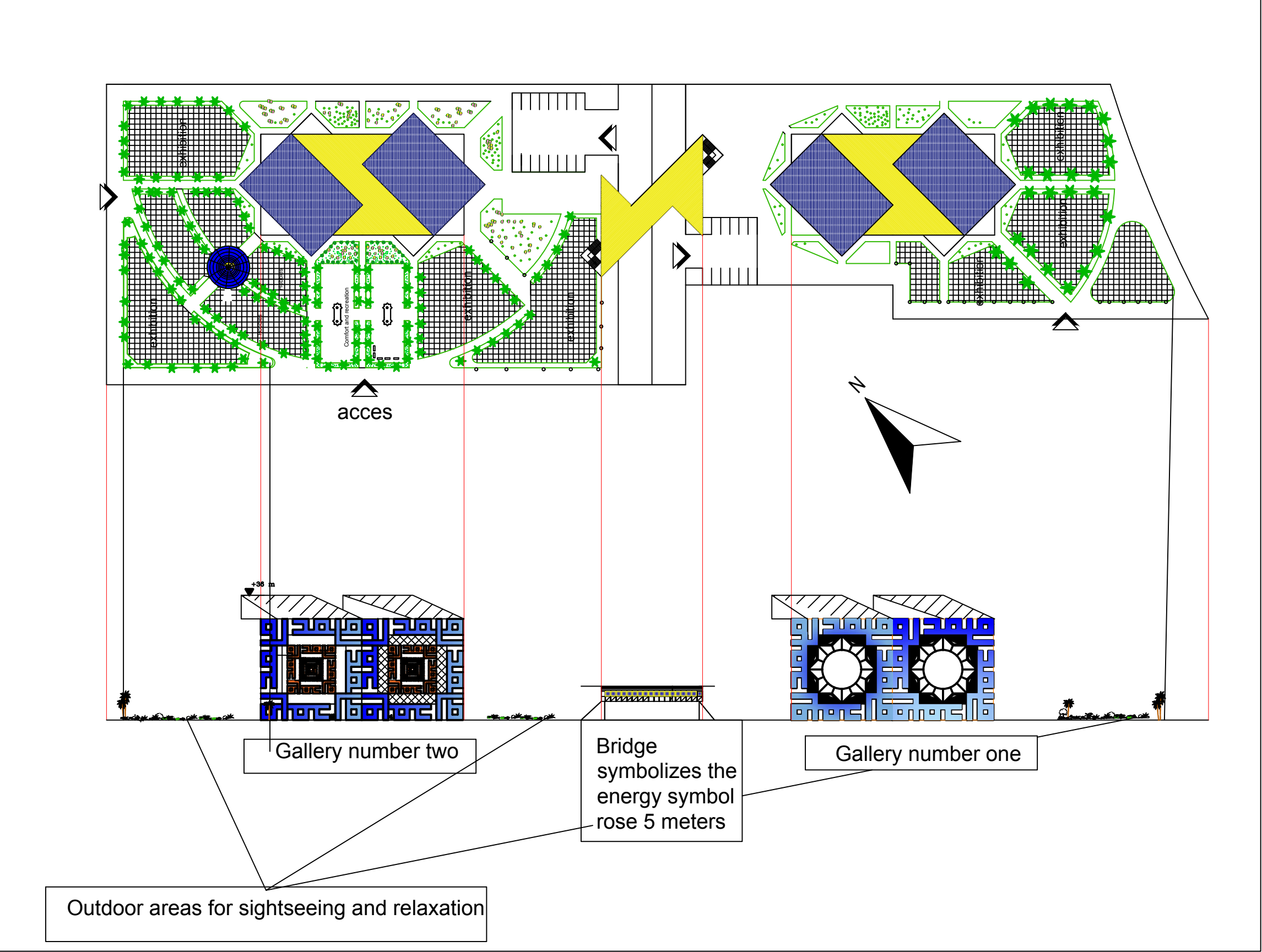


ART PAINTINGS IN CALLIGRAPHY SQUARE KUFIC



Write the word masdar in the square kufic form and form it as a square	painting	Renewable Energy Technology	The amount of energy produced
	 p a i n t i n g (1)	We have 500 solar panels for each 100 w (1) Generating electricity from the sun's rays PV cells transform electricity into semi-conductor materials	In the day of sunrise to sunset ten times approximately 10 h $500 \times 0.100 \text{ kw/h} = 50 \text{ kw/h}$ $50 \text{ kw/h} \times 10 \text{ h} = 500 \text{ kw in a day}$ $500 \text{ kw/day} \times 360 = 180\,000 \text{ kw in the year}$
	 p a i n t i n g (2)	We have 1000 solar panels for each 100 w	$180\,000 \text{ kw} \times 2 = 360\,000 \text{ kw in the year}$
	 p a i n t i n g (3)	We have 500 solar panels for each 100 w	$500 \times 0.100 \text{ kw/h} = 50 \text{ kw/h}$ $50 \text{ kw/h} \times 10 \text{ h} = 500 \text{ kw in a day}$ $500 \text{ kw/day} \times 360 = 180\,000 \text{ kw in the year}$
	 p a i n t i n g (4)	We have 1000 solar panels for each 100 w	$180\,000 \text{ kw} \times 2 = 360\,000 \text{ kw in the year}$
The total energy produced per year is		We have 1200 solar panels for each 100 w (2) Generating electricity from the sun's heat by concentrating the sun's rays as it warms fluid such as oil	$1200 \times 0.100 \text{ kw/h} = 120 \text{ kw/h}$ $120 \text{ kw/h} \times 10 \text{ h} = 1200 \text{ kw in a day}$ $1200 \text{ kw/day} \times 360 = 432\,000 \text{ kw in the year}$

1 512 000 kwh