

“Island”

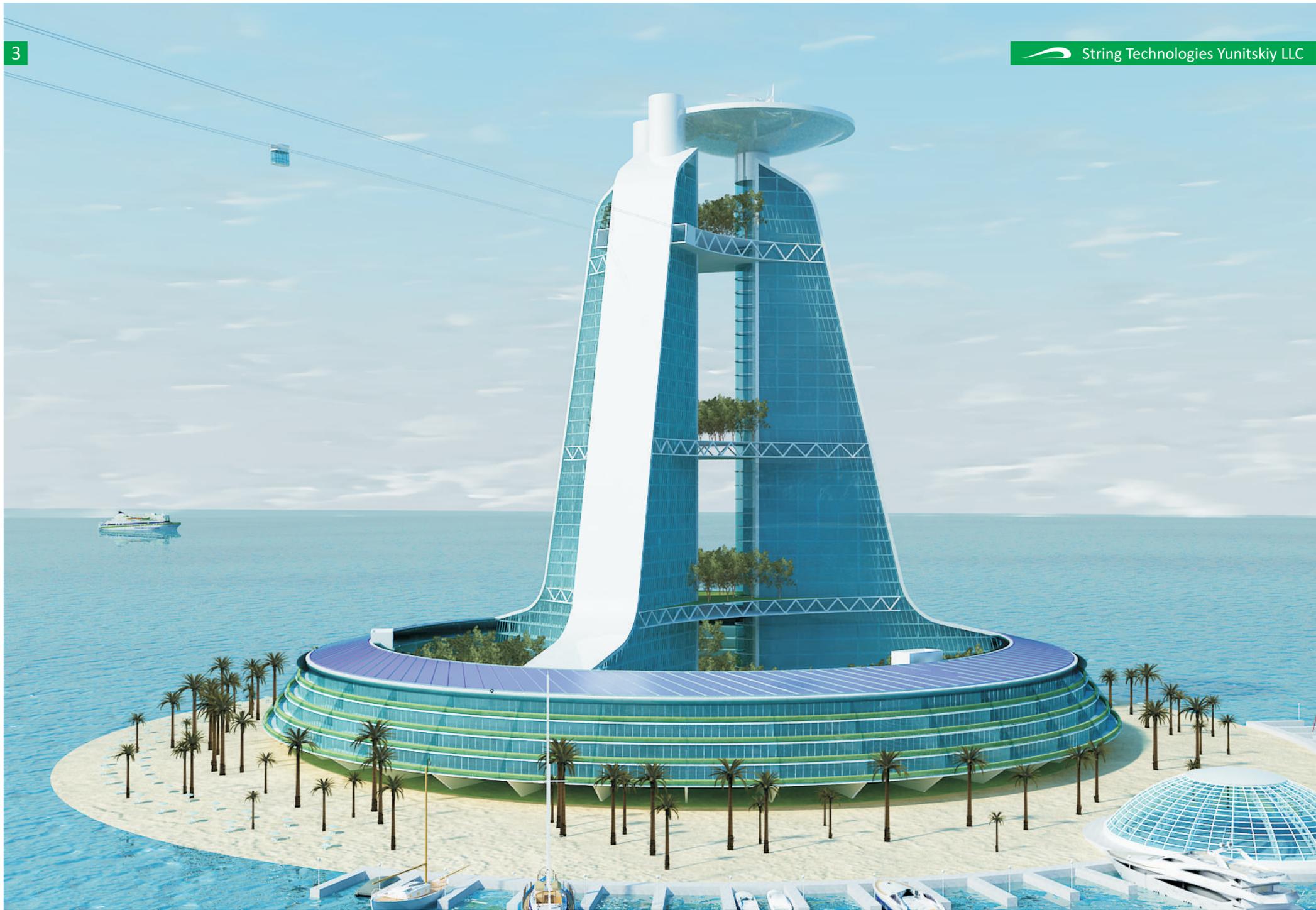
Multi-purpose high-rise complex
(implemented on the basis of STY innovations)





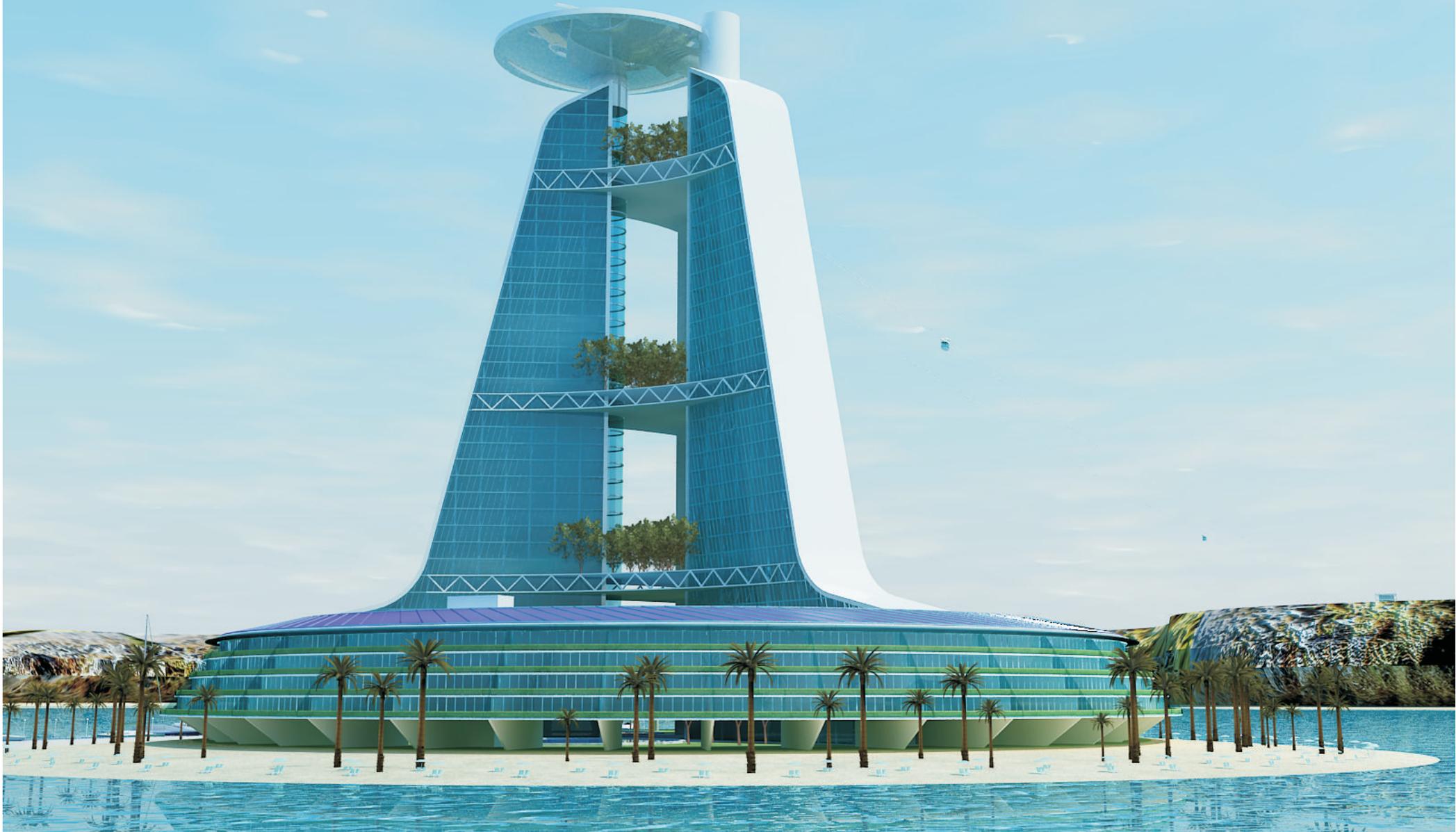
Multi-purpose high-rise complex "Island" (implemented on the basis of STY innovations)

General view



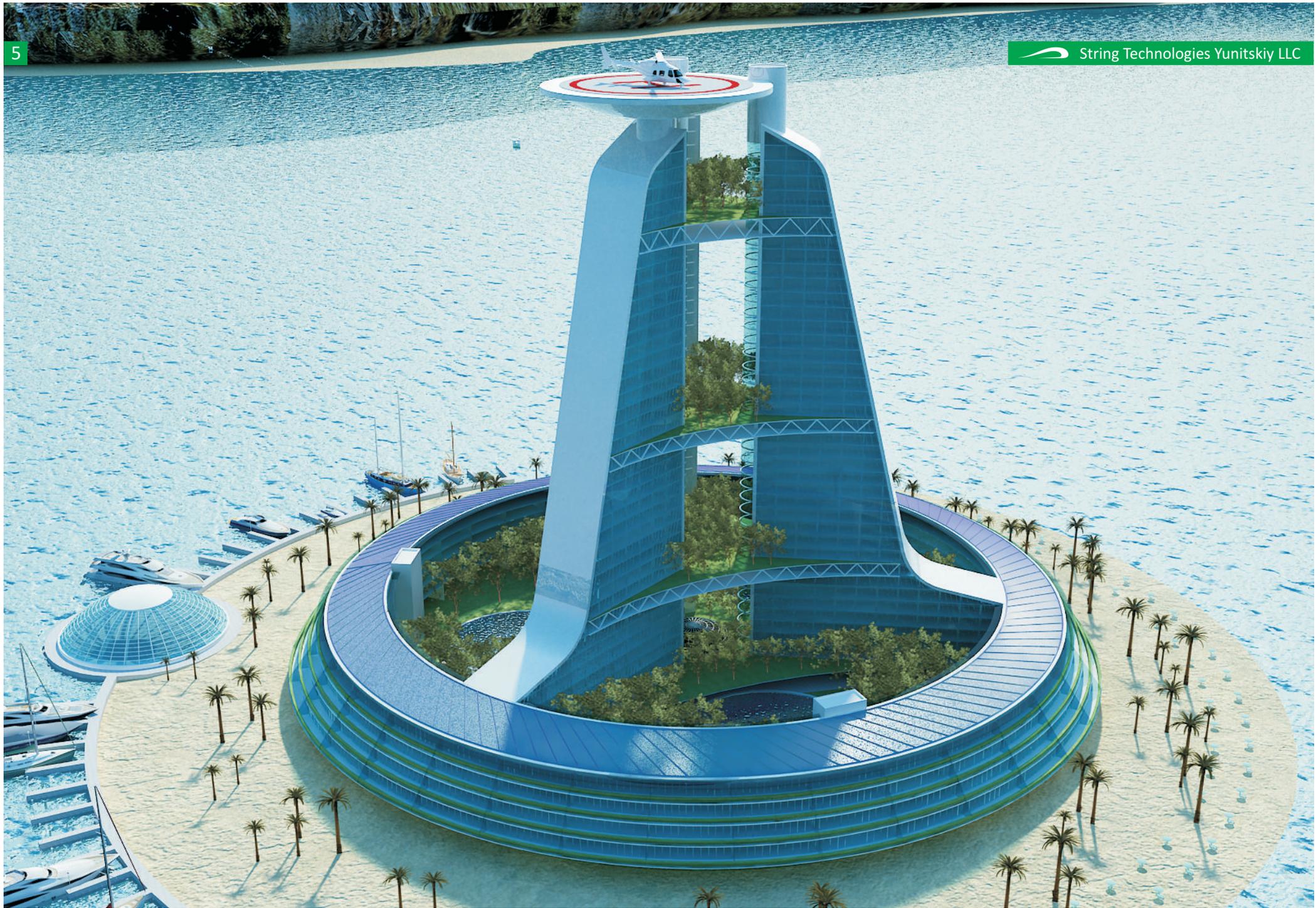
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General view



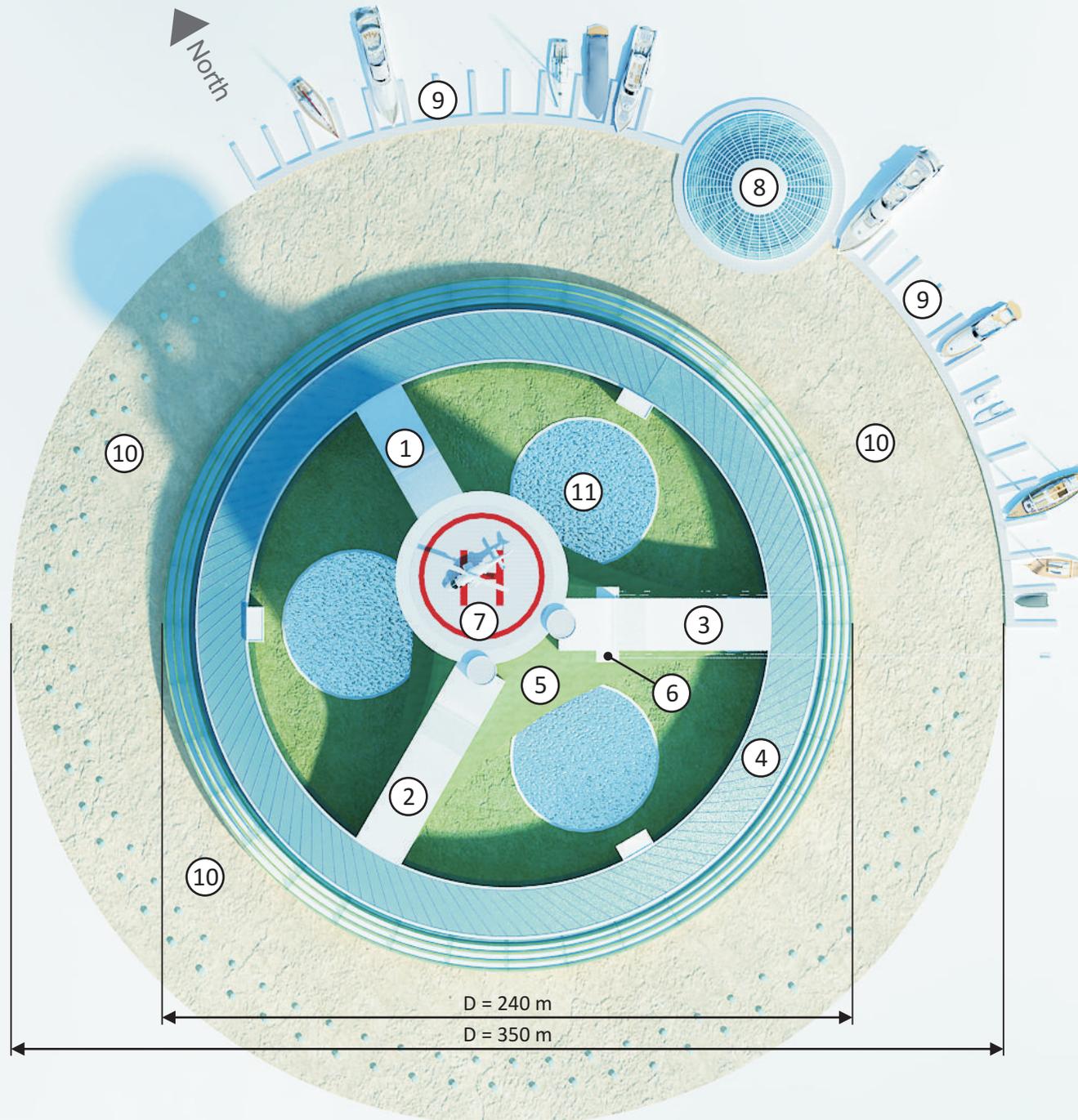
Multi-purpose high-rise complex "Island" (implemented on the basis of STY innovations)

General view



Multi-purpose high-rise complex "Island" (implemented on the basis of STY innovations)

General view



Explication:

- 1 — high-rise building No. 1
- 2 — high-rise building No. 2
- 3 — high-rise building No. 3
- 4 — low-rise building No. 4
- 5 — operational roof of a technical storey
- 6 — STY station
- 7 — helipad
- 8 — yacht-club
- 9 — mooring
- 10 — beach
- 11 — swimming-pool

Technical and economic indices:

Area of the site — 9 ha
 Built-up area — 40,000 m²
 Ground area — 135,000 m²

- building 1 — 26,000 m²
- building 2 — 26,000 m²
- building 3 — 26,000 m²
- building 4 — 56,000 m²
- winter gardens — 1,000 m²

Underground area — 23,000 m²
 Total area — 158,000 m²
 Diameter in plan — 240 m
 Maximal mark — 178 m

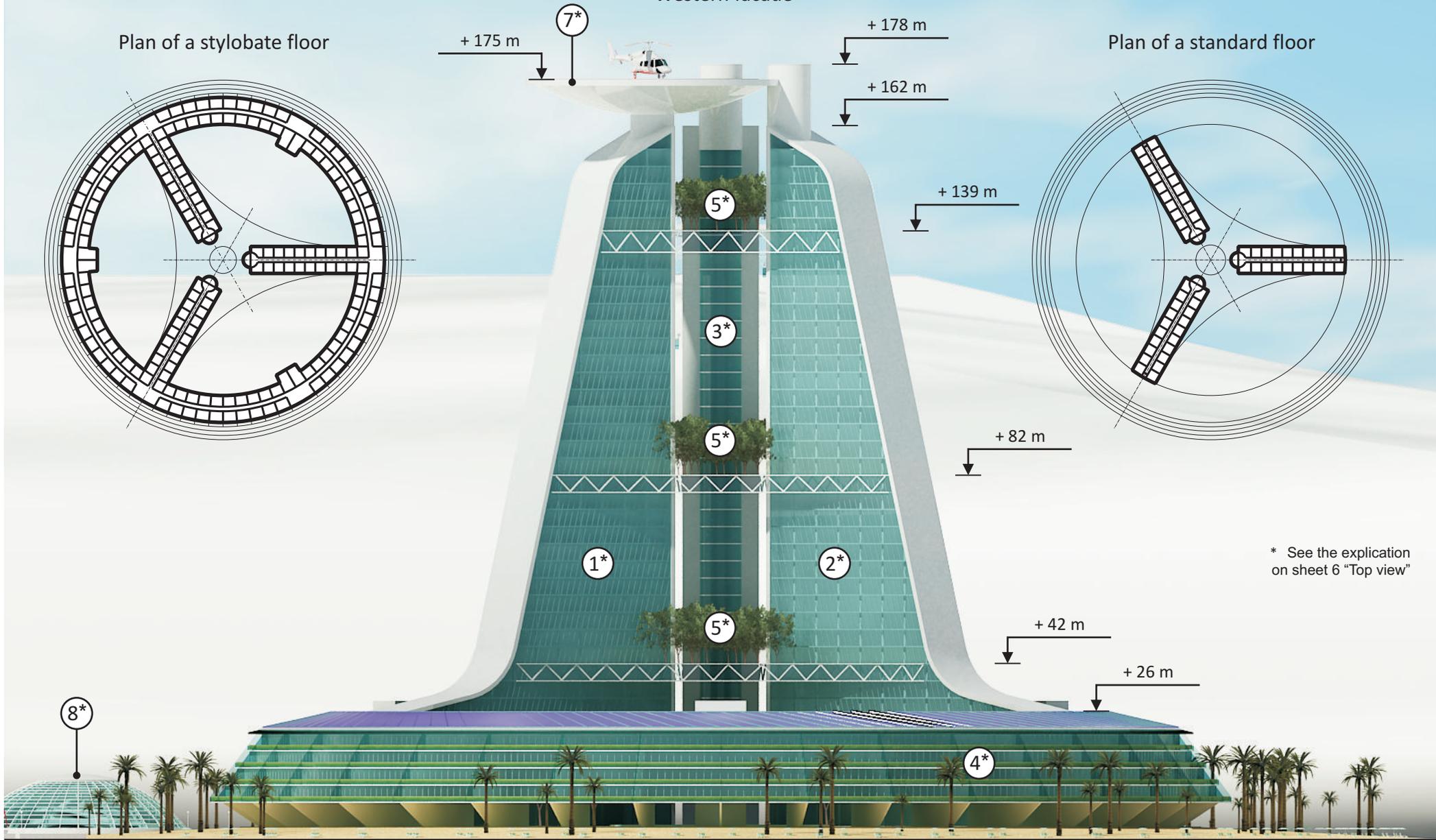
Cost of construction* — \$ 250 million
 Cost of design* — \$ 10 million

* It is approximate cost. The estimations were made on the basis of a simplified scheme not including the cost of the off-site works, the cost of land and activities associated with design and construction of a string transport system. The cost of STY will amount to 5-7% of the total cost of the complex.

Western facade

Plan of a stylobate floor

Plan of a standard floor



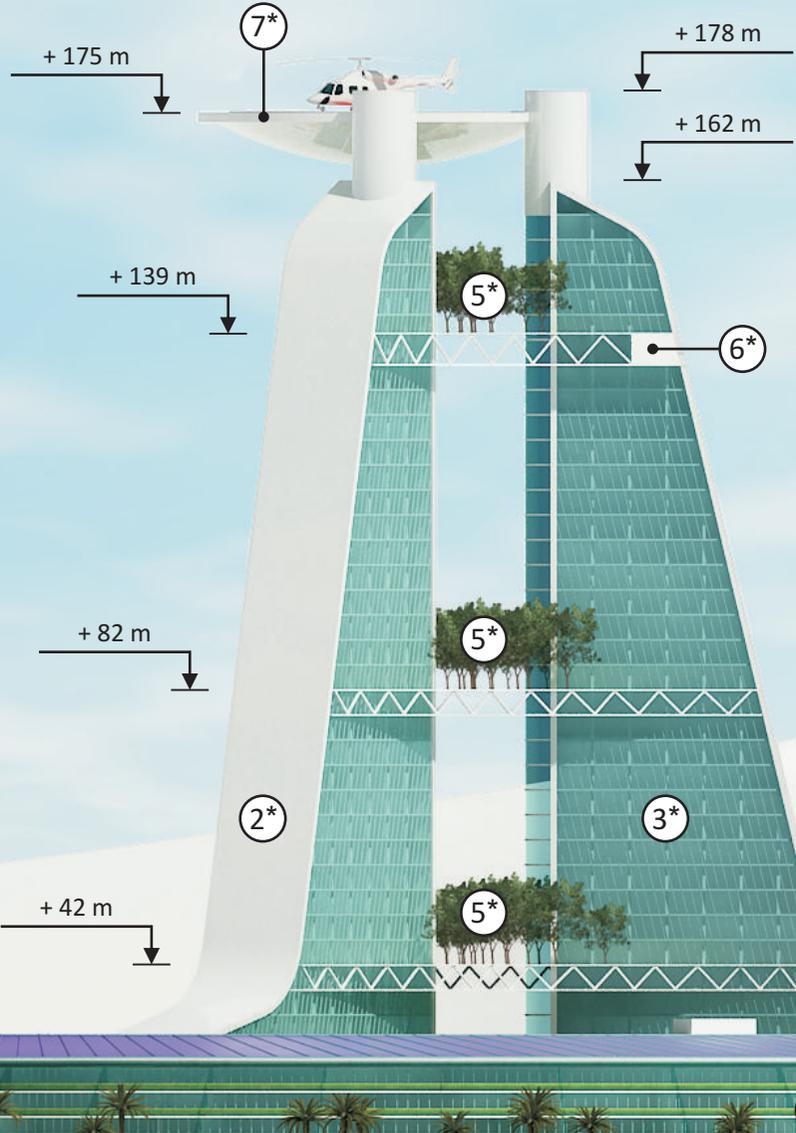
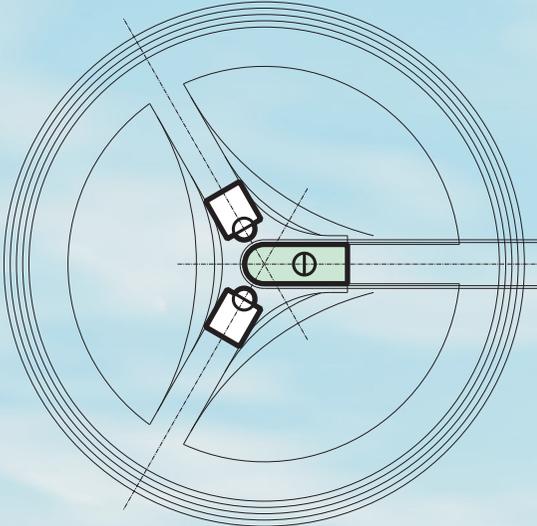
* See the explication on sheet 6 "Top view"

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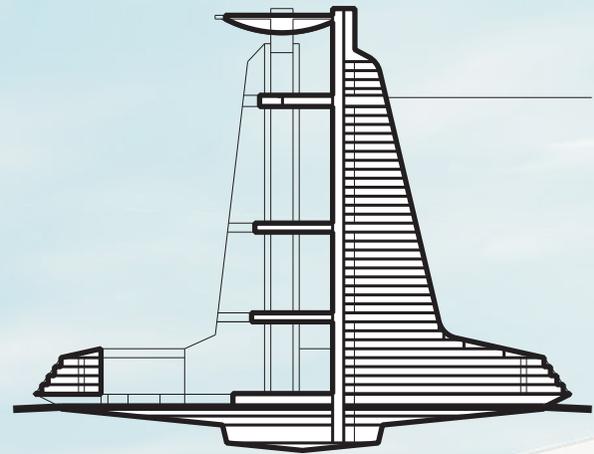
Western facade
Plan of a stylobate floor
Plan of a standard floor

Southern facade

Plan of the floor combined with a suspended STY station



Cross-section



* See the explication on sheet 6 "Top view"

Multi-purpose high-rise complex "Island" (implemented on the basis of STY innovations)

Southern facade
Plan of the floor with STY station
Cross-section



1



2



4



3

Multi-purpose high-rise complex "Island" (implemented on the basis of STY innovations)

1, 2 – free-standing STY station
 3, 4 – suspended passenger unibus