

BUDGET BY PHASE (EVOLVING EQUIPMENT)

PHASE 1: START-UP

BASIC INFRASTRUCTURE SETUP

- Excavation Gallery 1 (10,000 m³):
- Buildings 1, 2 & 3 (foundations and basic structures, limited equipment for Phase 1)
- 50 kW Turbine + 500 kWh Batteries (Phase 1 only)
- Installation of networks and pumping (infrastructure preparation)

TOTAL PHASE 1: \$3,410,000

PHASE 2: EXPANSION
PROGRESSIVE EQUIPMENT AND ENERGY PRODUCTION SETUP

- Excavation Gallery 2 (10,000 m³)
- Building 2 (adjustment for water/energy storage)
- 150 kW Turbine + 1,000 kWh Batteries (increased energy capacity)
- Network and pumping upgrades: \$872,000

TOTAL PHASE 2: \$3,449,000

PHASE 3: FINALIZATION
COMPLETE SYSTEM AND FULL ENERGY PRODUCTION

- Excavation Gallery 3 (10,000 m³)
- Building 3 (installation of turbines and generators)
- 300 kW Turbine + 1,500 kWh Batteries (maximum capacity)
- Finalizing networks and pumping

TOTAL PHASE 3: \$3,885,000

PHASE 4: FINAL GALLERY

- Excavation Gallery 4 (10,000 m³): \$872,000

TOTAL PHASE 4: \$436,000

- PHASE 1: 50 kW + 500 kWh
- PHASE 2: 150 kW + 1,000 kWh
- PHASE 3: 300 kW + 1,500 kWh

CROSS-FUNCTIONAL COSTS:

- Solar tower & reflectors: \$750,000
- Filtering marshes & landscaping: \$575,000
- Pathways, bridges, and access: \$162,500
- Electrical networks & pumping: \$218,000

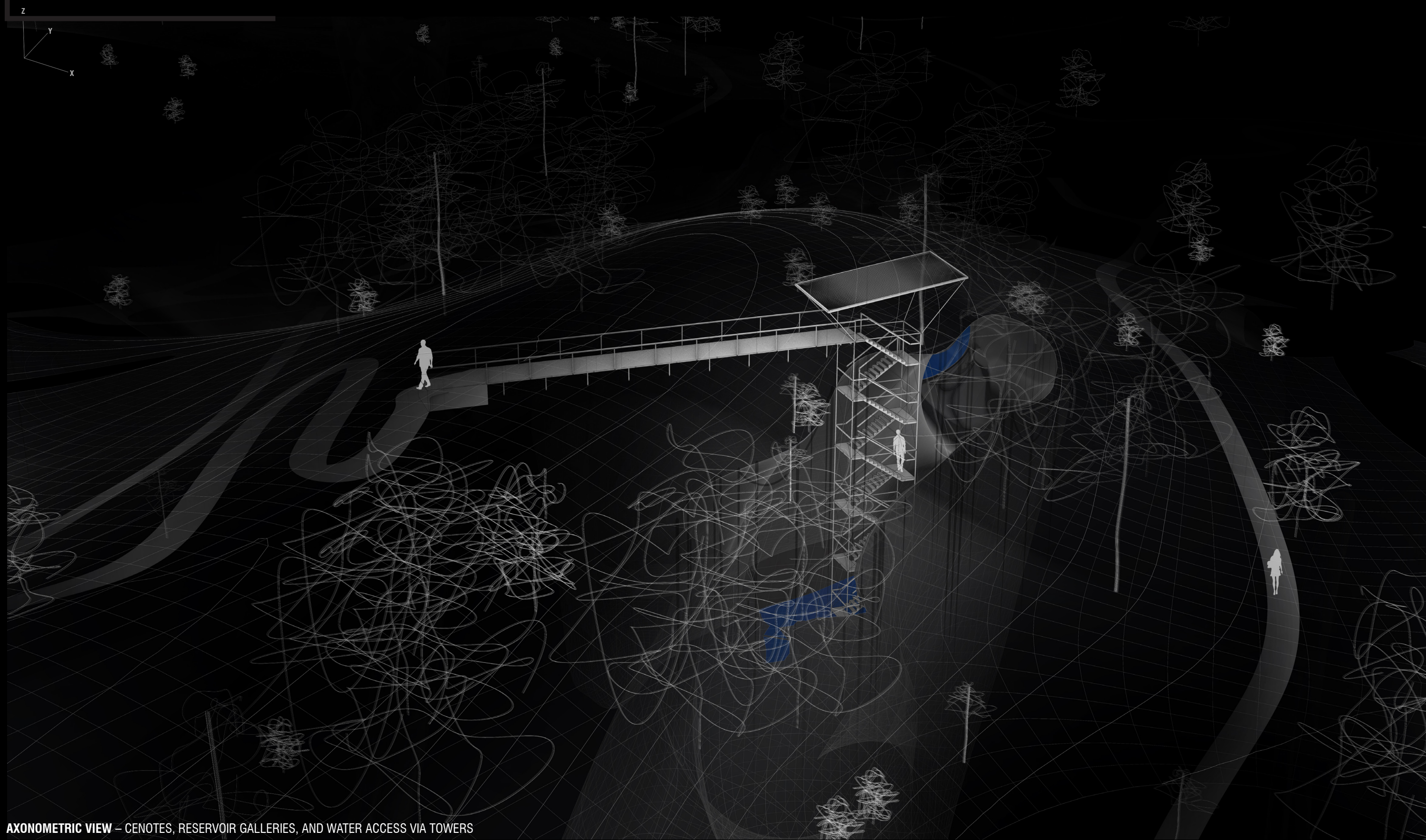
TOTAL CROSS-FUNCTIONAL COSTS: \$1,705,500

TOTAL PROJECT: \$12,885,500

EXCAVATION IS CARRIED OUT OVER 4 PHASES (10,000 m³ per phase).

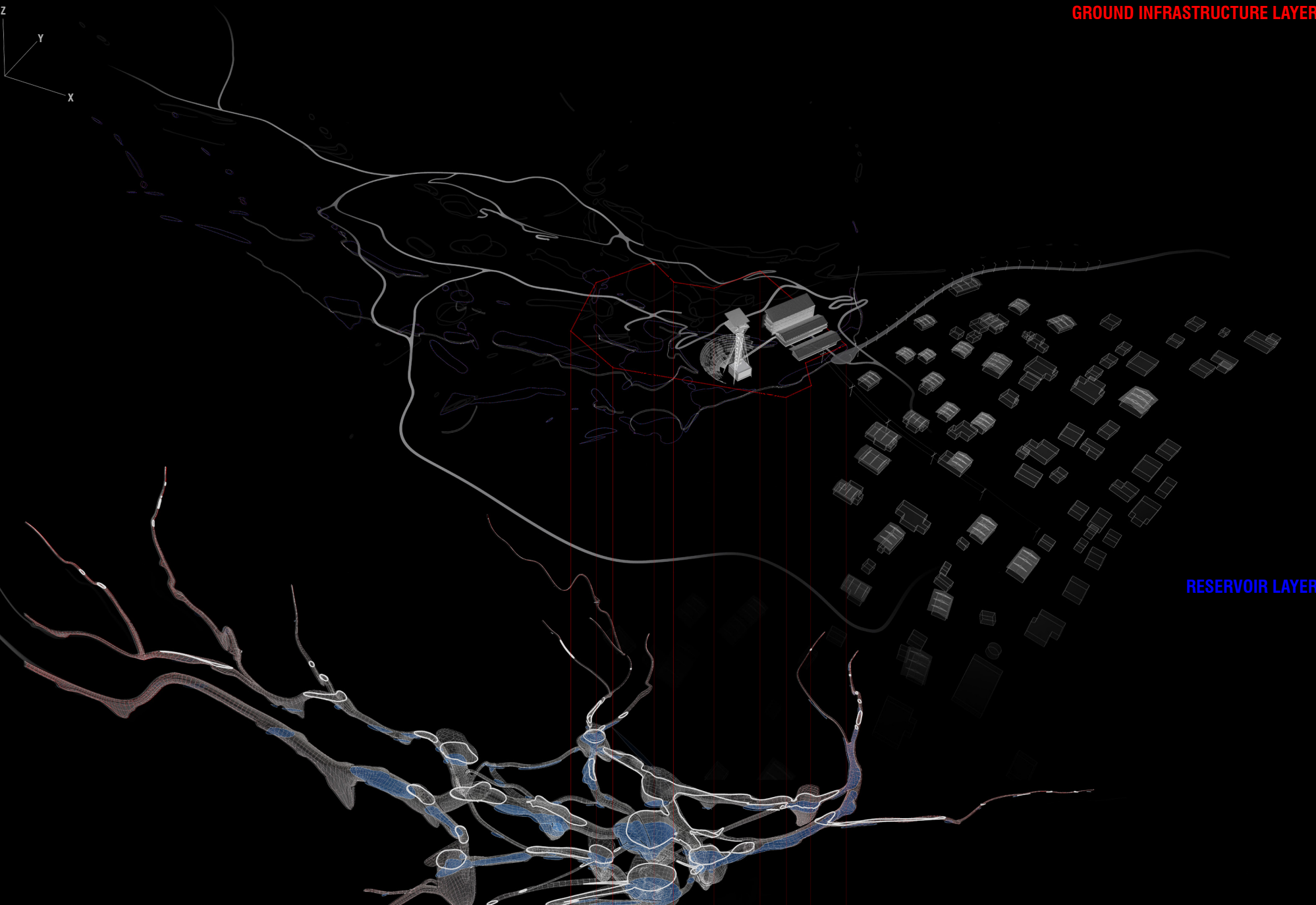
Cross-cutting items include the solar tower, filtration marshes, landscaping infrastructure, and water and energy networks.

PHASES	COST (USD)
Phase 1: Start-up	3 410 000
Phase 2: Expansion	3 449 000
Phase 3: Finalization	3 885 000
Phase 4: Final Gallery	436 000
Cross-functional costs	1 705 500
Total	12 885 500

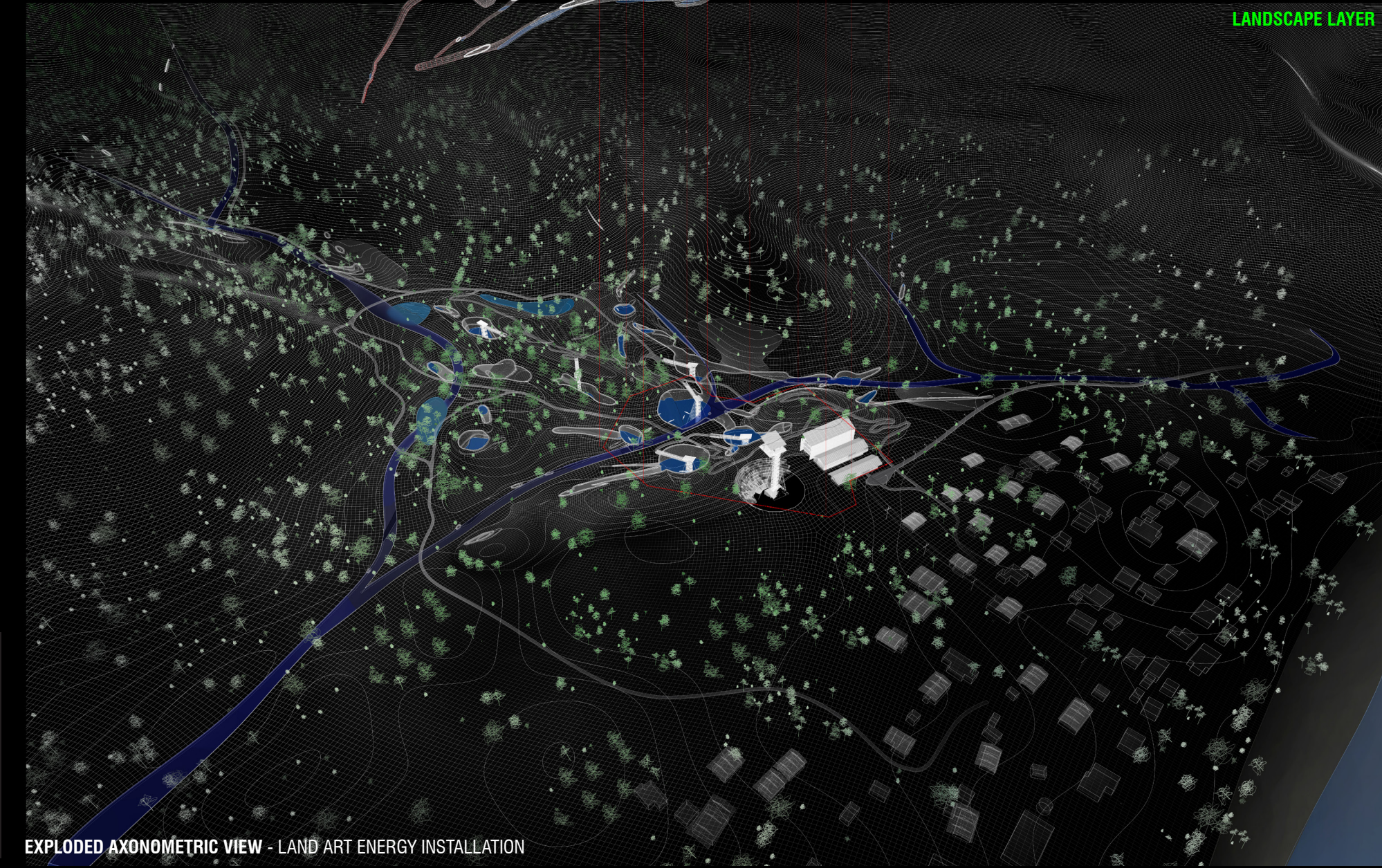


AXONOMETRIC VIEW – CENOTES, RESERVOIR GALLERIES, AND WATER ACCESS VIA TOWERS

GROUND INFRASTRUCTURE LAYER



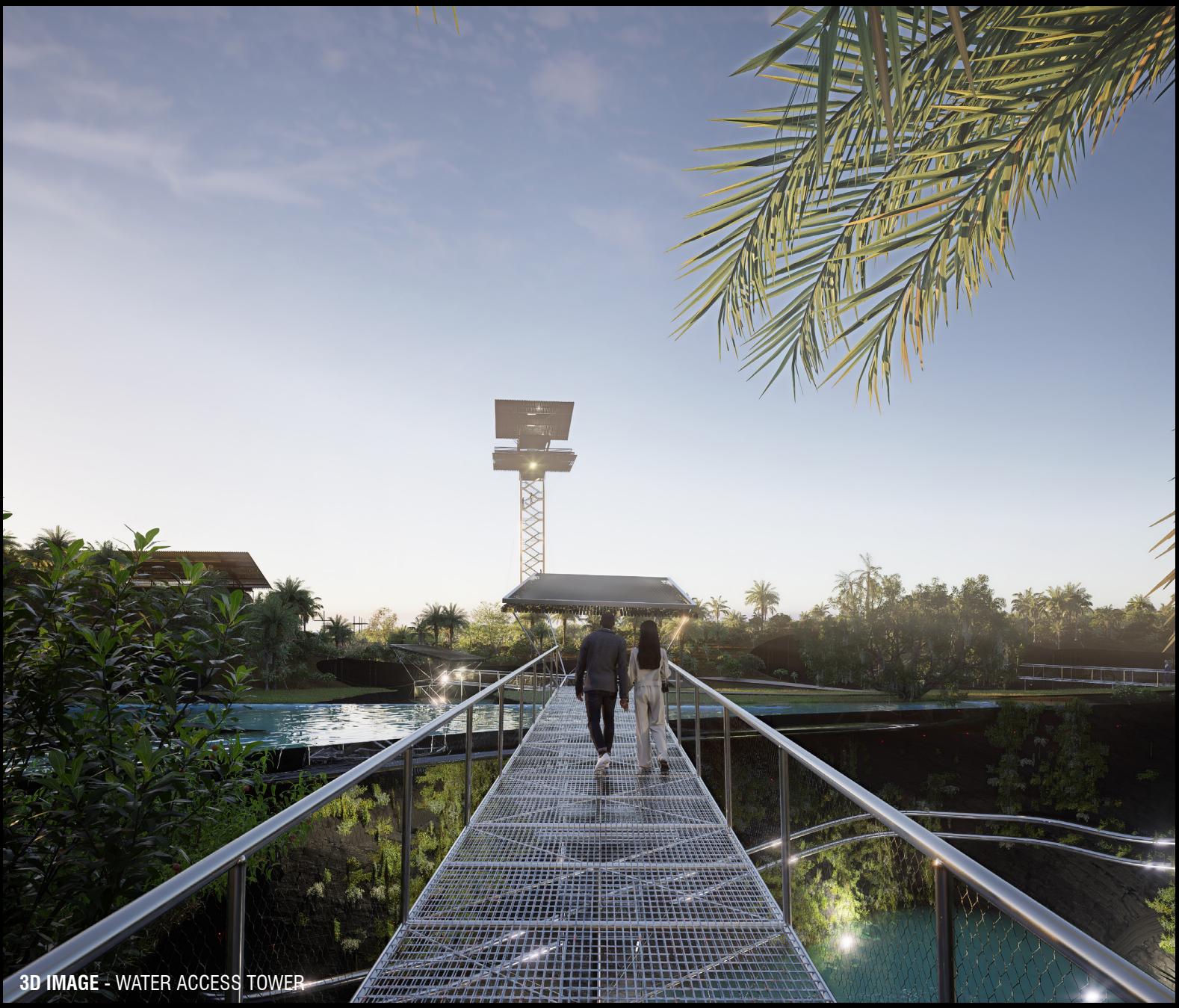
RESERVOIR LAYER



EXPLODED AXONOMETRIC VIEW - LAND ART ENERGY INSTALLATION



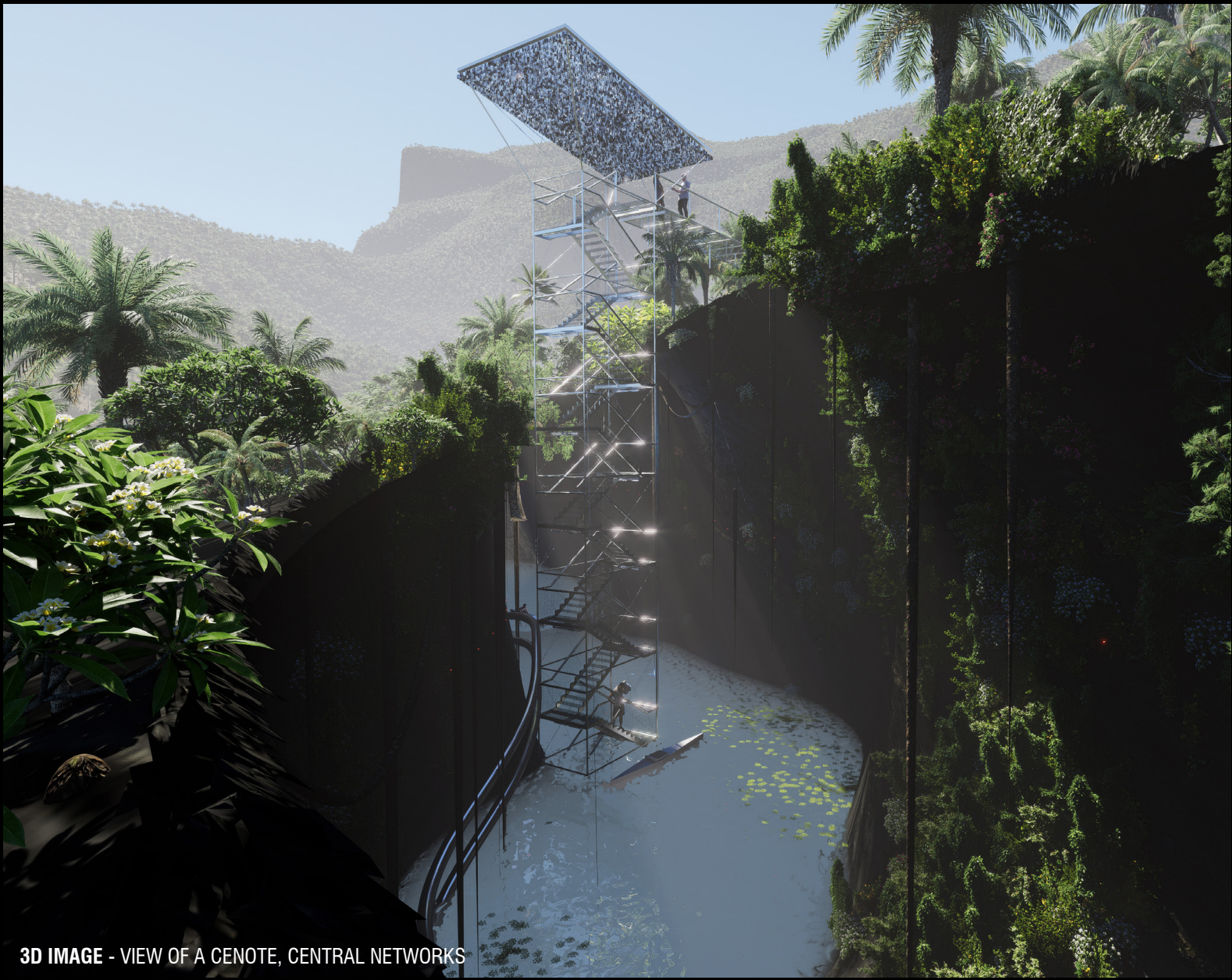
3D IMAGE - FILTRATION POND



3D IMAGE - WATER ACCESS TOWER



3D IMAGE - INTERIOR OF A GALLERY, NORTHERN NETWORKS



3D IMAGE - VIEW OF A CENOTE, CENTRAL NETWORKS



3D IMAGE - VIEW OF A CENOTE, CENTRAL NETWORKS