

WORLD ARCH JOURNAL

THE VOIDS VILLA

Koohsar, Karaj, Iran · 2021–2024

Architecture: AsNow Design & Construct

PROJECT HISTORY · DESIGN EVOLUTION · ENGLISH PLANS & SECTIONS

A solid white volume, opened by inhabitable voids.

The Voids Villa reconsiders a suburban retreat as a connected spatial landscape. Leisure spaces occupy the lower floor, shared life unfolds at ground level and private rooms rise above. The architectural identity comes from the courtyards, bridges, stairs and brick-lined voids that join those layers.

LOCATION	Koohsar, Karaj, Iran	TYPE	Residential villa
ARCHITECTS	Solmaz Tatari · Ehsan Tavassoli	DATES	2021–2024
SITE AREA	1,000 m²	BUILT AREA	540 m²
STUDIO	AsNow Design & Construct	PHOTOGRAPHY	Mohammad Hossein Hamzelouei

Context The site opens toward the more desirable north and west views and becomes protective toward possible future neighbours on the east and south. The result is a hybrid introverted–extroverted house.	Void system A generous north garden, a smaller south court and a semi-central courtyard connect open and covered voids across all three levels, bringing daylight deeper into the building.
Movement The circulation route permits wandering and discovery without requiring every journey to pass through private rooms. Stairs and bridges turn movement itself into an architectural experience.	Memory and material An existing mature tree anchors the deepest court as a marker of time. White room volumes contrast with brick-toned circulation, making occupied rooms and connective voids visually distinct.

Built spaces and connected voids

Published project photography is presented as credited editorial reference material. These are standard project photographs, not panoramic tour renders.



NORTH FACADE AND GARDEN EDGE

Photography: Mohammad Hossein Hamzelouei

Source: Contemporary Architecture of Iran / ArchDaily.



LIVING SPACE AND CENTRAL VOID

Photography: Mohammad Hossein Hamzelouei

Source: Contemporary Architecture of Iran / ArchDaily.



POOL TOWARD THE SUNKEN GARDEN

Photography: Mohammad Hossein Hamzelouei

Source: Contemporary Architecture of Iran / ArchDaily.

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The inhabitable upper landscape

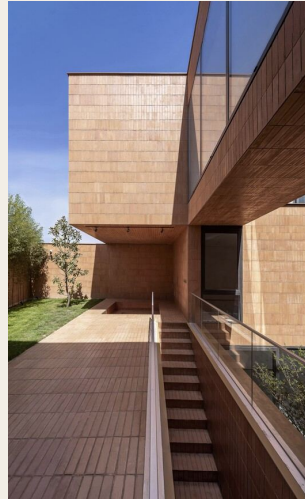
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ROOF PROMENADE AND CENTRAL VOID

Photography: Mohammad Hossein Hamzelouei

Source: Contemporary Architecture of Iran / ArchDaily.



ROOF STAIR AND UPPER COURT

Photography: Mohammad Hossein Hamzelouei

Source: Contemporary Architecture of Iran / ArchDaily.



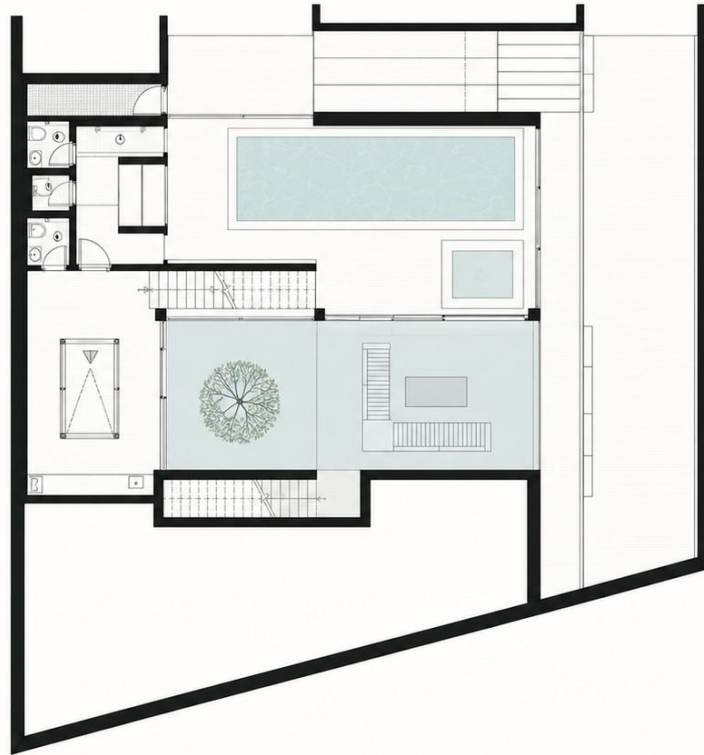
COURTYARD BATHROOM

Photography: Mohammad Hossein Hamzelouei

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LOWER FLOOR PLAN



THE VOIDS VILLA
LOWER FLOOR PLAN

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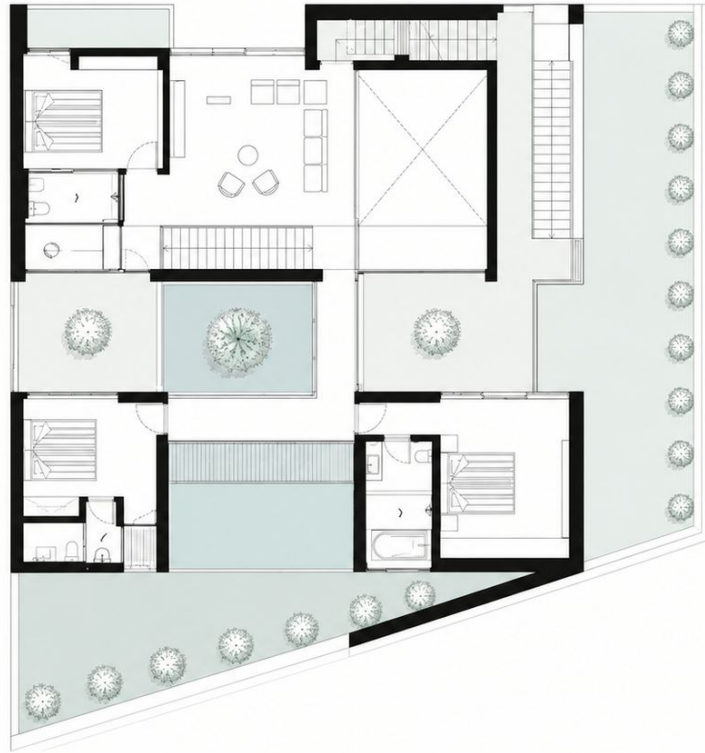
GROUND FLOOR PLAN



THE VOIDS VILLA
GROUND FLOOR PLAN

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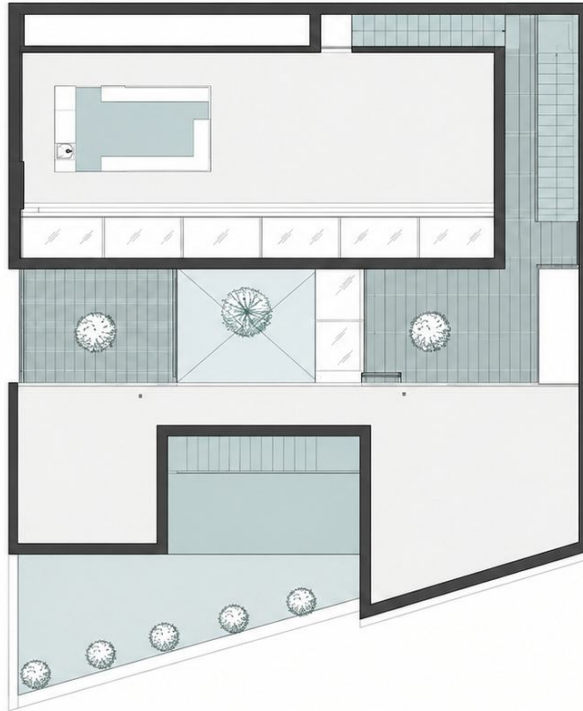
UPPER FLOOR PLAN



THE VOIDS VILLA
UPPER FLOOR PLAN

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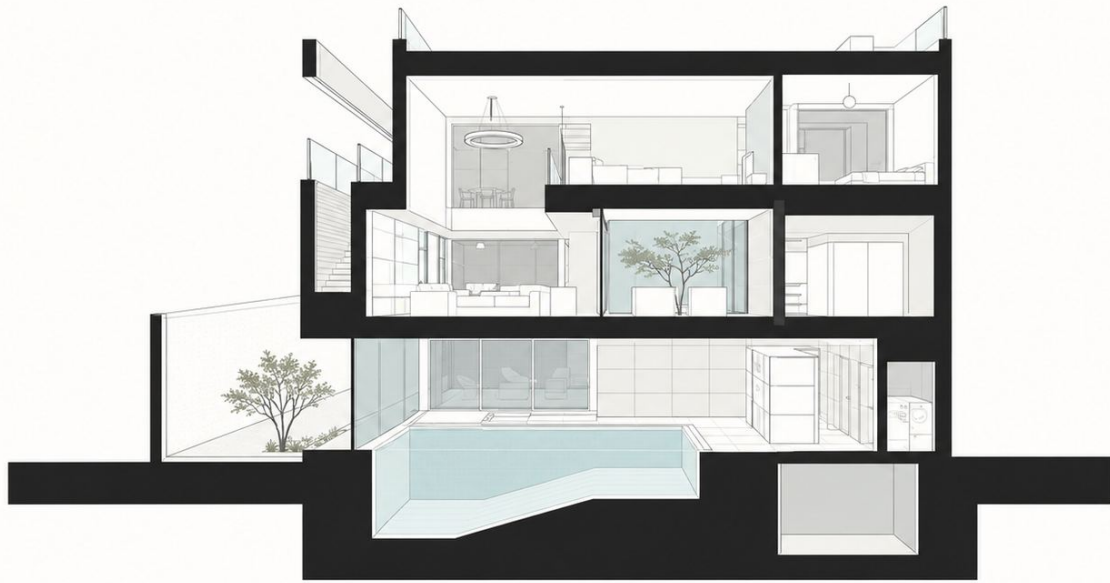
ROOF PLAN



THE VOIDS VILLA
ROOF PLAN

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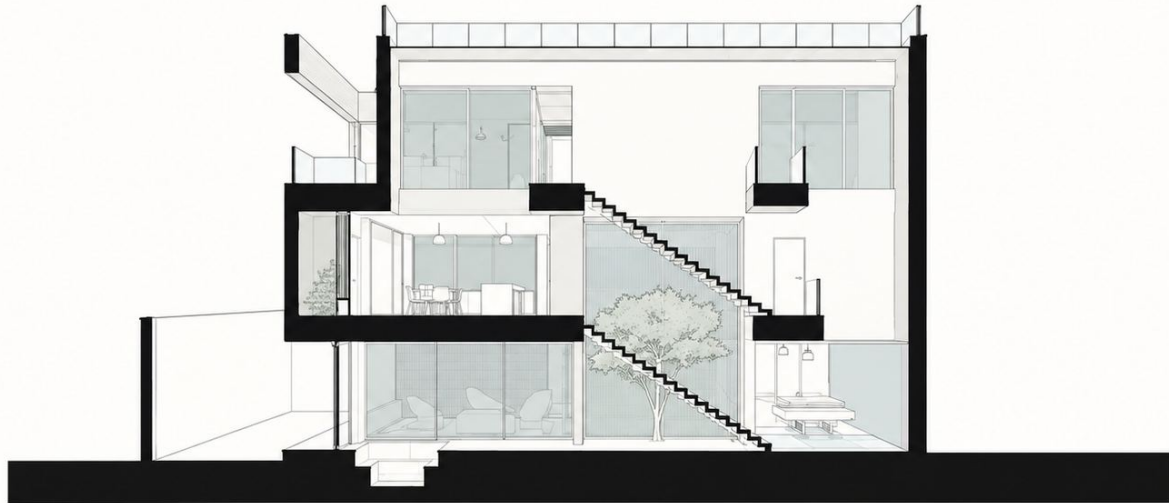
SECTION A-A



THE VOIDS VILLA
SECTION A-A

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SECTION B-B



THE VOIDS VILLA
SECTION B-B

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Research note

Project facts and the architects' stated design intentions were checked against the Contemporary Architecture of Iran project archive and a secondary ArchDaily publication. This guide paraphrases those sources; it does not reproduce the architects' text.

Primary source

<https://caoi.ir/en/projects/item/1938-the-voids-koohsar-karaj-asnow-design-construct.html>

Secondary reference

<https://www.archdaily.com/1022881/the-voids-villa-asnow-design-and-construct>

Representation disclaimer

The 3D walkthrough and redrawn diagrams are AI-assisted editorial interpretations produced for architectural learning. They are not measured surveys, permit drawings or construction documents. The photographic plates in this guide are credited source project photographs; copyright remains with photographer Mohammad Hossein Hamzelouei and the original publishers.