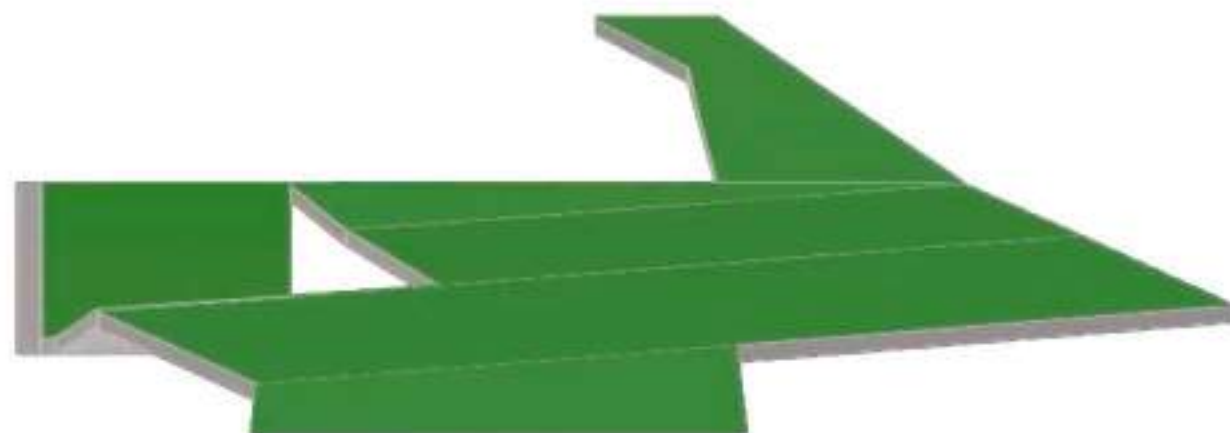
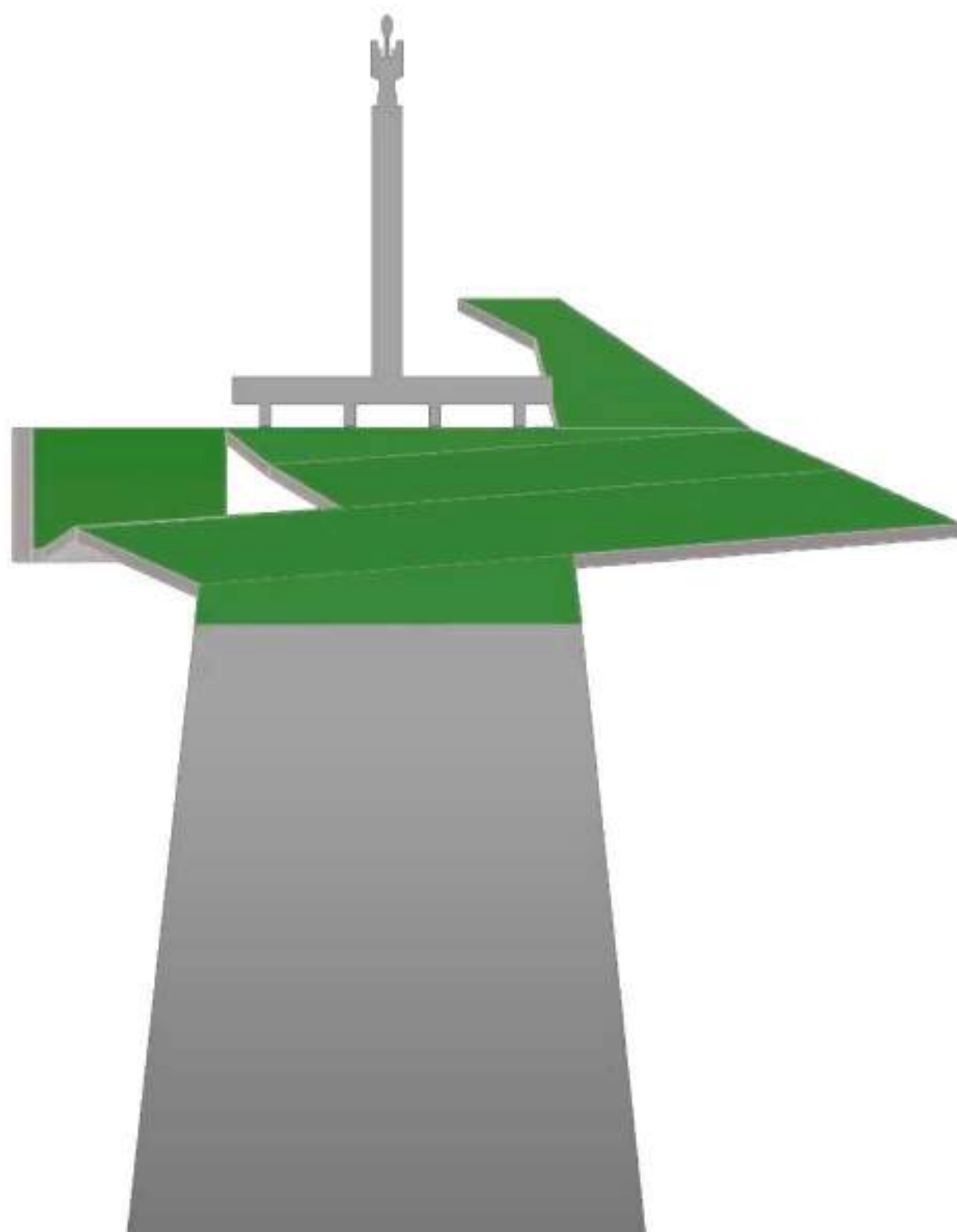
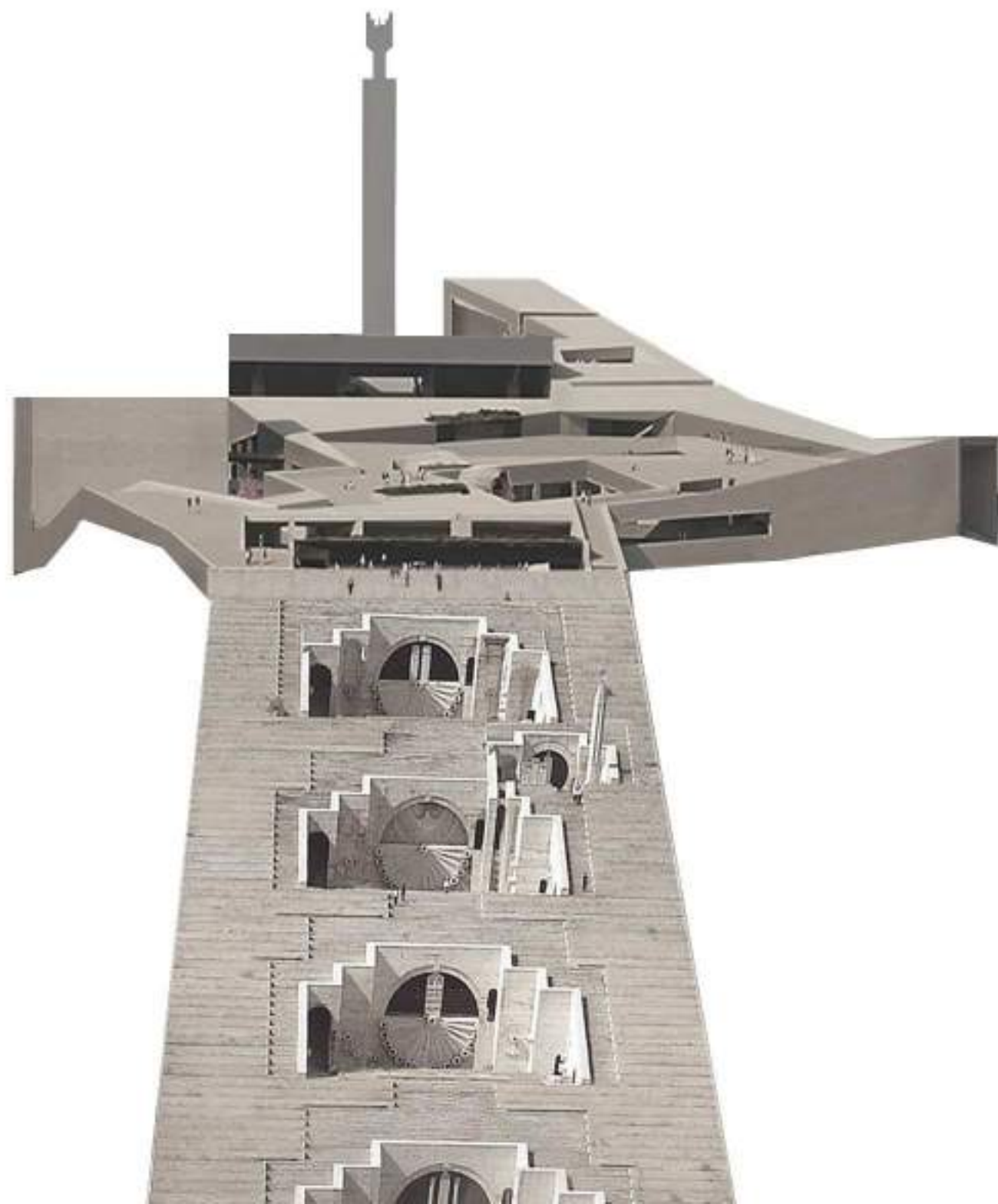


# **CASCADE GARDENS**

**Yerevan\_Armenia**

















The background image shows a wide, multi-level stone staircase in a city, likely Yerevan, Armenia. Many people are walking up and down the stairs. In the background, there are dense urban buildings and a large green park area. The text is overlaid on the left side of the image.

**1. COMPLETE THE CASCADE.**

**2. EXTEND THE CASCADE ESCALATORS.**

**3. BUILD A WORLD-CLASS CULTURAL CENTER.**


**4. CREATE THRIVING NEW NEIGHBORHOODS.**

**5. HONOR THE SYMBOLS OF ARMENIA.**

**6. BUILD ON WHAT HAS ALREADY BEEN CONSTRUCTED.**


**7. RAISE THE INTERNATIONAL PROFILE OF ARMENIA.**



An aerial photograph of a cityscape in Yerevan, Armenia. The image shows a dense residential area with numerous buildings, mostly with grey roofs. A prominent feature is a winding road or path that cuts through the urban space, surrounded by greenery and some open land. The road appears to be a key thoroughfare in the area. The overall scene depicts a unique urban environment that has not been fully developed.

THE CASCADE IS A UNIQUE URBAN SPACE THAT IS BELOVED BY THE CITIZENS OF YEREVAN, BUT IT HAS REMAINED UNFINISHED SINCE CONSTRUCTION WORK STOPPED IN THE 1980s.



An aerial photograph of a city with a mix of residential buildings and open land. A yellow dashed line traces a path from the bottom left towards the center. A white callout box with a pointer line is positioned over the path. The text inside the box explains the accessibility of the Cascade Escalators.

THE EXISTING CASCADE  
ESCALATORS ONLY REACH THE  
FOURTH TERRACE LEVEL.  
FROM THERE THE PUBLIC HAS TO  
WALK AROUND THE EXCAVATED  
SITE AND CLIMB THE STAIRS TO THE  
MONUMENT TERRACE.



# 1. COMPLETE THE CASCADE

THE PUBLIC SPACE OF THE CASCADE IS EXTENDED AS **AN INCLINED PUBLIC GARDEN** FOR EVERYDAY USE BY THE CITIZENS OF YEREVAN.






## 2. EXTEND THE ESCALATORS

THE CASCADE ESCALATOR PATH IS ALSO EXTENDED, CREATING SHELTERED PUBLIC PASSAGE FROM TAMANYAN PARK TO THE MONUMENT TERRACE OVERLOOKING YEREVAN.





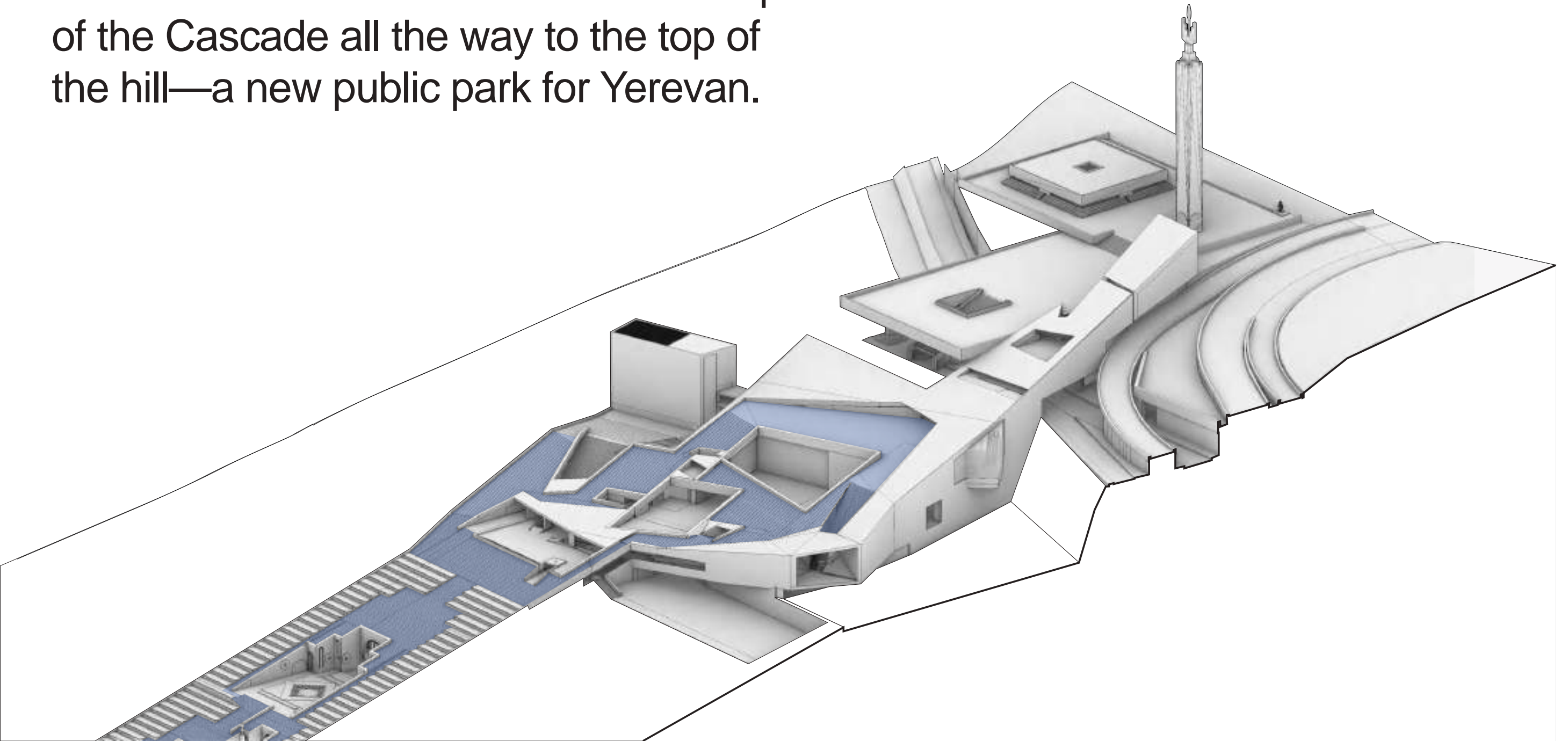
# 3. THE CASCADE GARDENS CULTURAL CENTER

An aerial photograph of a city grid. A specific area in the center-left is highlighted with a white, irregular outline. A white line extends from this outline towards the right, pointing to a text box. The highlighted area contains a building with a yellow roof and some greenery. The surrounding city is composed of numerous grey buildings of varying sizes, interspersed with green trees and some open spaces.

ART GALLERIES, PERFORMANCE SPACES, AN AUDITORIUM AND RECEPTION HALL, CAFES, RETAIL SPACES, A RESTAURANT, EDUCATIONAL FACILITES FOR CHILDREN AND ADULTS, A LIBRARY AND A SERIES OF COURTYARDS, GARDENS AND SCULPTURE COURTS ARE INSERTED UNDER THE CONTINUOUSLY SLOPING ROOF TO FORM THE CASCADE GARDENS CULTURAL CENTER.

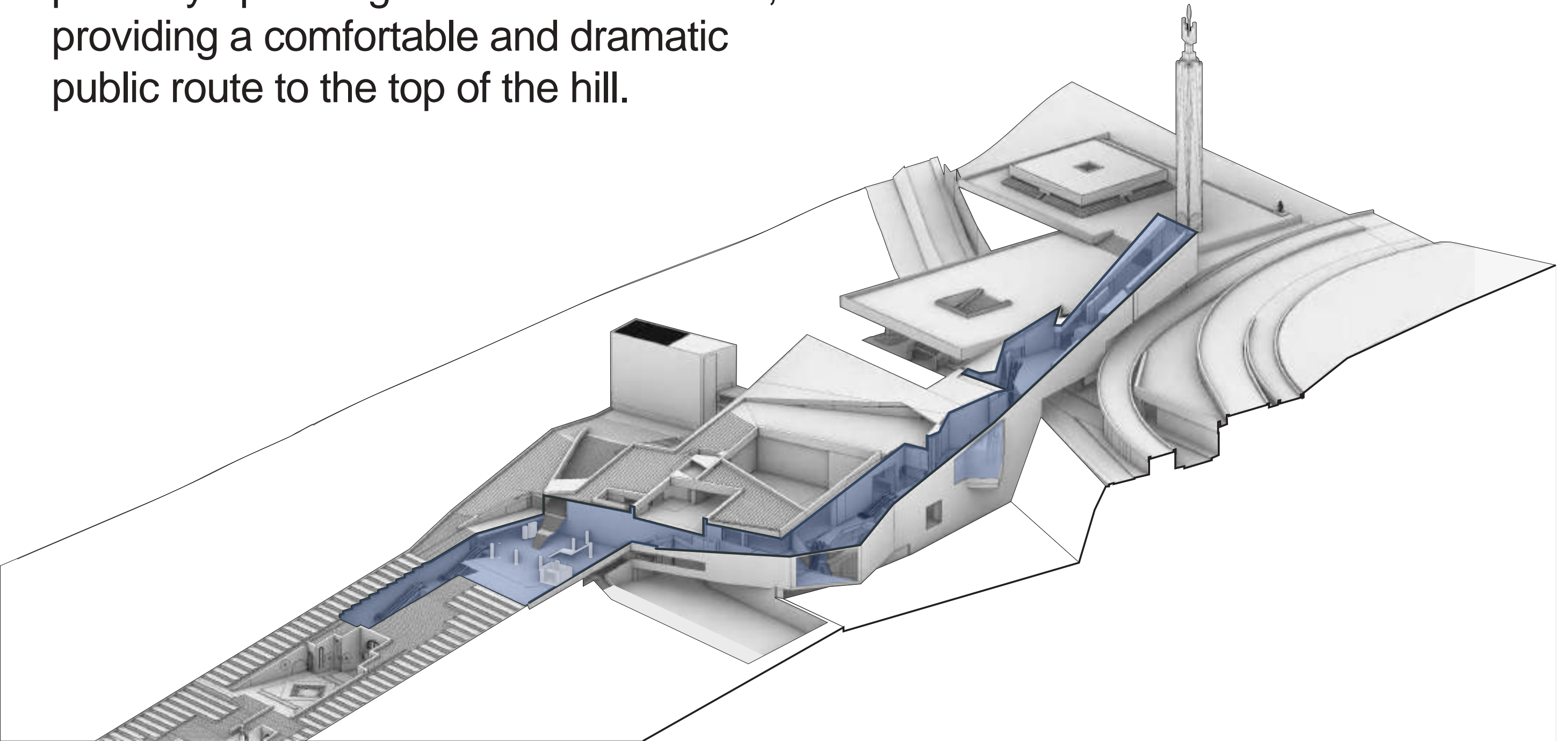


An extensive surface of steps, gardens, shady bowers, and protected courtyards continues the well-loved urban landscape of the Cascade all the way to the top of the hill—a new public park for Yerevan.





A continuous chain of public escalators will extend the sheltered pedestrian pathway up through the Cultural Center, providing a comfortable and dramatic public route to the top of the hill.







THE CASCADE IS EXTENDED AS  
AN INCLINED PUBLIC GARDEN.





OVERHANGING ARBORS  
PROVIDE SHADY SEATING WITH  
VIEWS OVER YEREVAN.





THE ROOF PLANE FOLDS UP TO  
SERVE AS A CINEMA SCREEN  
VISIBLE FROM THE CITY BELOW.





THE PUBLIC ESCALATORS OPEN  
INTO PUBLIC COURTYARDS SET  
INTO THE SLOPING ROOF.





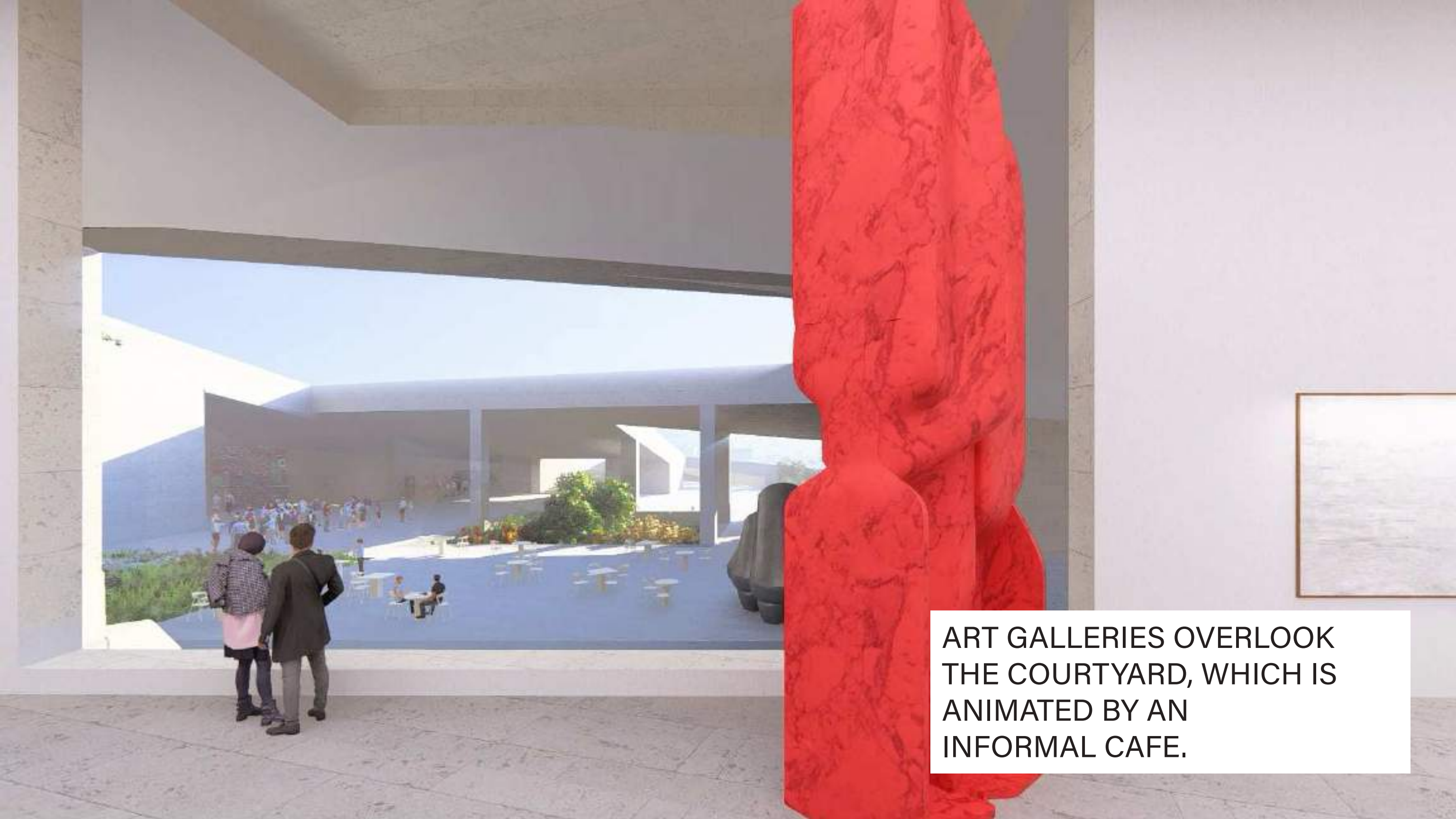
THE COURTYARDS ARE  
SURROUNDED BY CAFES  
AND GALLERIES.





THE COURTYARD GARDENS ARE  
FILLED WITH NATIVE FLOWERS  
AND AROMATIC PLANTS.





ART GALLERIES OVERLOOK  
THE COURTYARD, WHICH IS  
ANIMATED BY AN  
INFORMAL CAFE.





THE CINEMA GARDEN PROVIDES  
OUTDOOR GATHERING SPACE  
CONNECTED TO THE AUDITORIUM  
AND EVENTS ROOM.





THE CULTURAL CENTER STEPS  
DOWN BENEATH THE CONTINUOUSLY  
SLOPING ROOFSCAPE .





THE FORMAL RESTAURANT  
OVERLOOKS A REFLECTING  
POOL FACING MOUNT ARARAT.





THE MOUNTAIN REFLECTED  
IN THE WATER RECALLS THE  
STORY OF THE BIBLICAL FLOOD.





PUBLIC PATHS THROUGH THE  
CULTURAL CENTER FRAME VIEWS  
OF SYMBOLS OF ARMENIA.





INCLUDING THE  
MOTHER ARMENIA MONUMENT  
ON THE HILLSIDE TO THE EAST.





A SUNKEN GARDEN PROVIDES  
LIGHT TO THE GALLERIES BELOW.

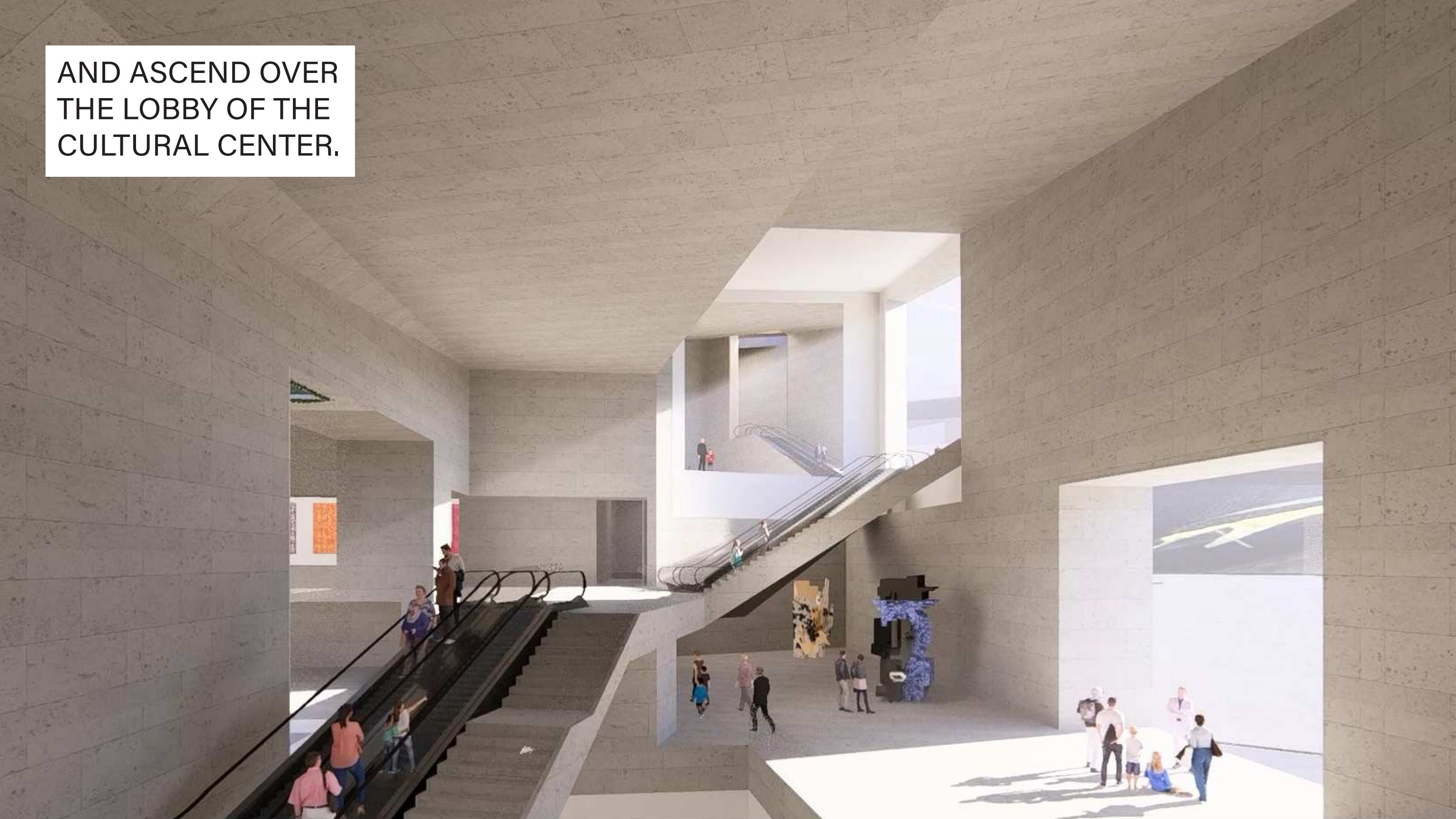


THE PUBLIC ESCALATORS  
OFFER GLIMPSES INTO  
THE COURTYARDS, CAFES,  
AND GALLERIES OF THE  
CULTURAL CENTER.





AND ASCEND OVER  
THE LOBBY OF THE  
CULTURAL CENTER.







AT THE UPPERMOST EDGE OF THE CULTURAL CENTER, THE ESCALATORS OPEN THROUGH A DOORWAY ONTO THE HIGHEST POINT ON THE SLOPING ROOFSCAPE.



THE DOORWAY OPENING FROM THE  
ESCALATORS ONTO THE ROOFSCAPE  
FRAMES THE SUMMIT OF MOUNT ARARAT.







FROM THIS DOORWAY VISITORS CAN  
DESCEND ACROSS THE ROOF ALL THE  
WAY DOWN TO TAMANYAN PARK.





THE CASCADE GARDENS PROVIDE  
AN EVERYDAY AMENITY FOR  
THE CITIZENS OF YEREVAN.





AT THE HIGHEST ESCALATOR  
LANDING, THE ASCENDING PATH  
FRAMES A VIEW OF THE MONUMENT  
ON THE TERRACE ABOVE.





A SPECTACULAR COMMERCIAL AND RESIDENTIAL NEIGHBORHOOD WILL RISE EAST OF THE CULTURAL CENTER.

THE PRIMARY ENTRANCE TO THE CULTURAL CENTER IS CONNECTED TO THE MATANADERAN.

PARKING FOR 1500 CARS UNDER THE EAST DEVELOPMENT WILL BE LINKED DIRECTLY TO THE CASCADE ESCALATORS.

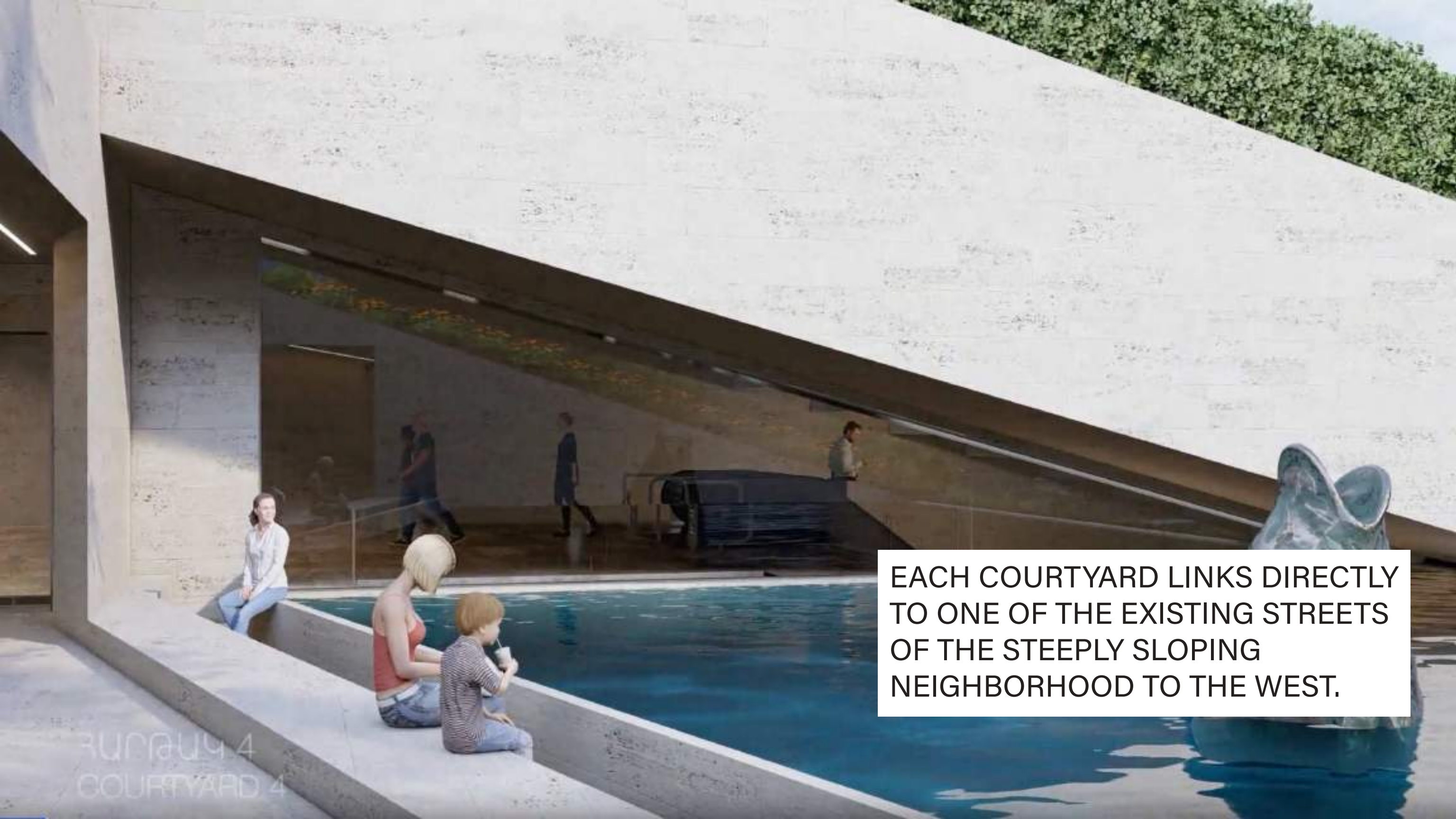
THE WEST COURTYARDS CONNECT THE ESCALATORS TO THE NEIGHBORHOOD TO THE WEST.





THE CONCRETE STRUCTURE OF  
THE WEST COURTYARDS IS  
ALREADY IN PLACE.

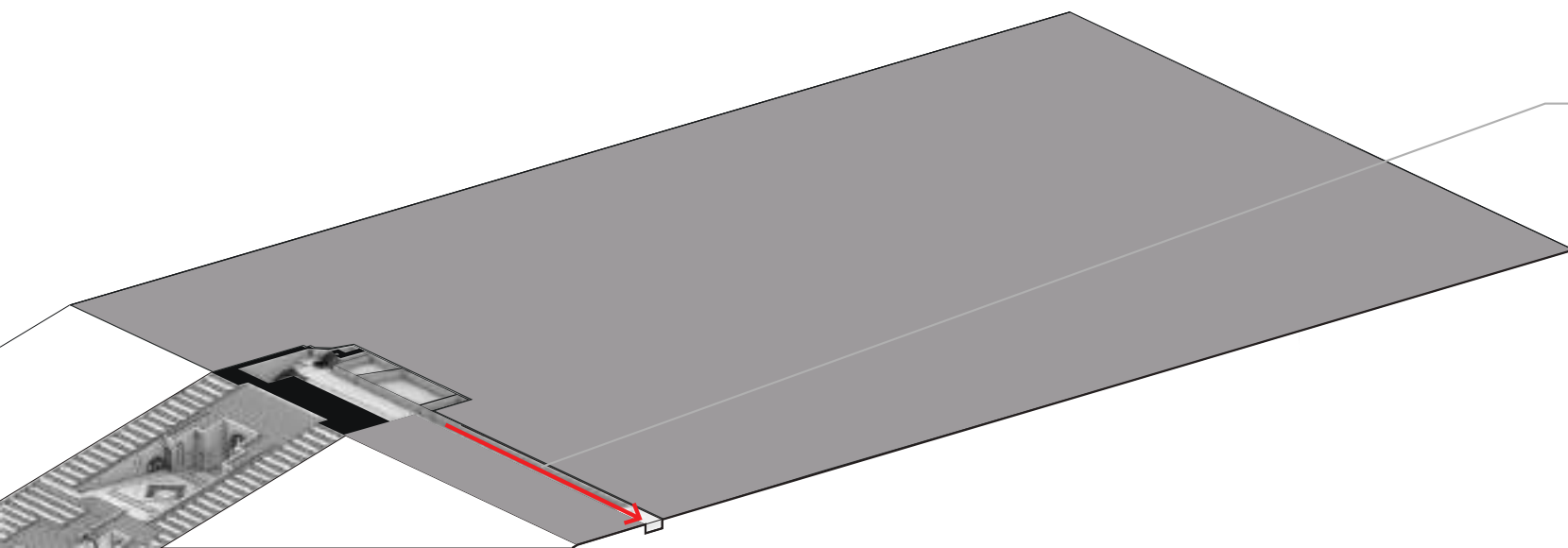




EACH COURTYARD LINKS DIRECTLY TO ONE OF THE EXISTING STREETS OF THE STEEPLY SLOPING NEIGHBORHOOD TO THE WEST.

RUNBUI 4  
COURTYARD 4





### **Organization of the Cascade Gardens Cultural Center:**

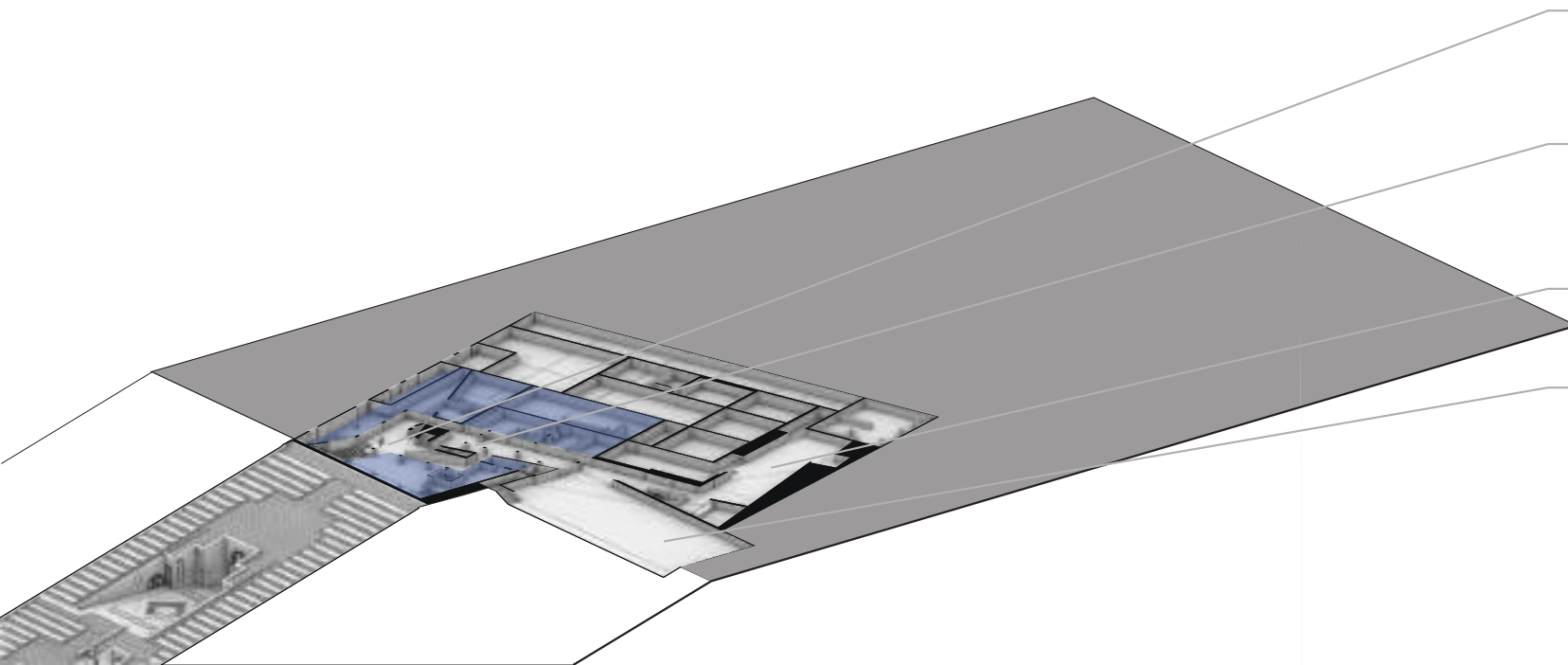
The building contains five principal levels that begin at the connection to the existing Cascade and that ascend through several secondary levels to reach the Monument Terrace at the north end of the site.

#### **Level -13.5:**

The lowest levels provide space for mechanical equipment and a connection to the Cascade escalators.

A direct connection the 1500 parking spaces located under the development to the east would also be provided from this level.





#### **Level -10.5:**

At the point of arrival from the Cascade Escalators, the public circulation space can be surrounded by high-end retail spaces, generating activity and revenue for the Cultural Center.

Tapering spaces from this level frame views of the outdoor cinema screen and the Mother Armenia Monument on the adjacent hillside.

The primary entrance to the Cultural Center galleries and performance spaces is located on this level.

The principal circulation path opens in to the east sculpture garden.





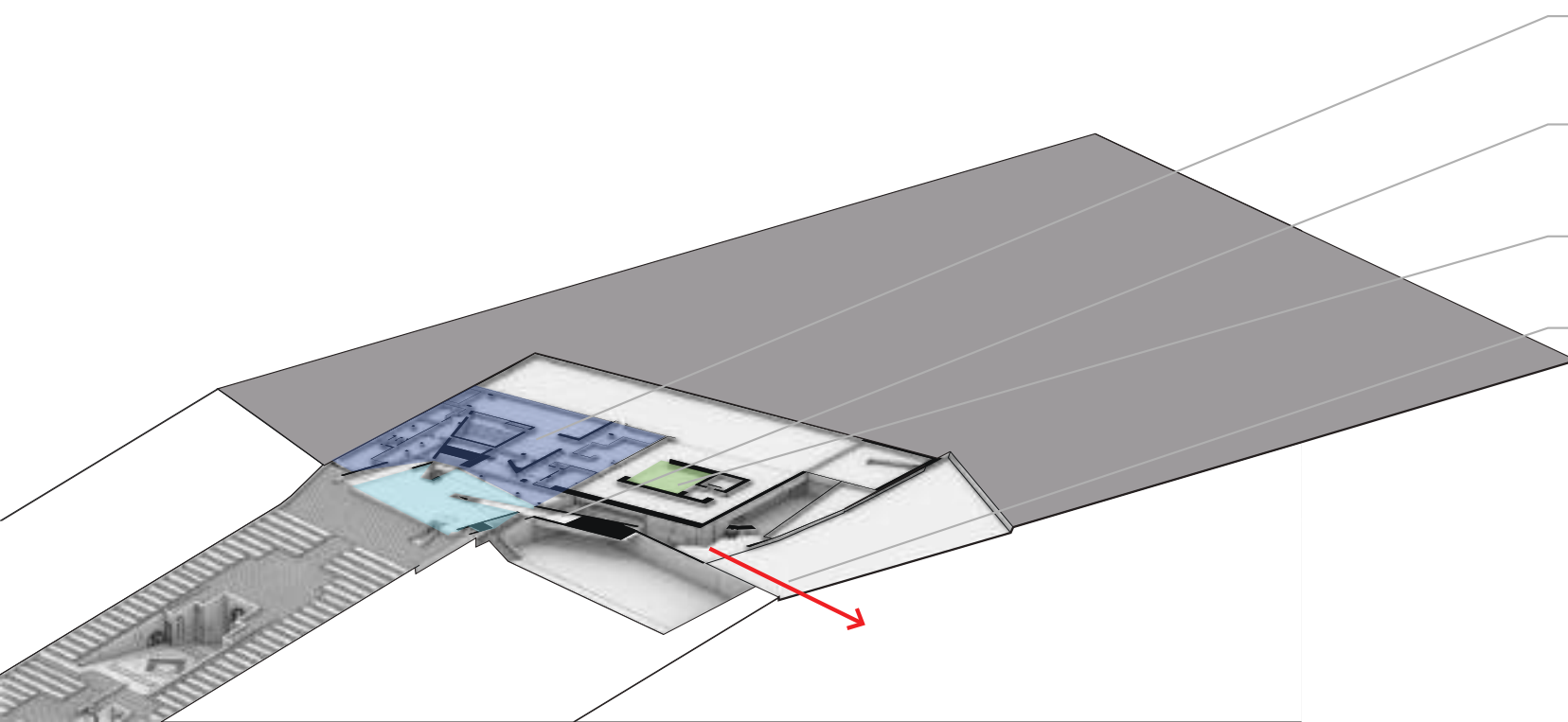
#### Level -5:

The stairs from the retail area surface in the reflecting pool, which is overlooked by the museum restaurant.

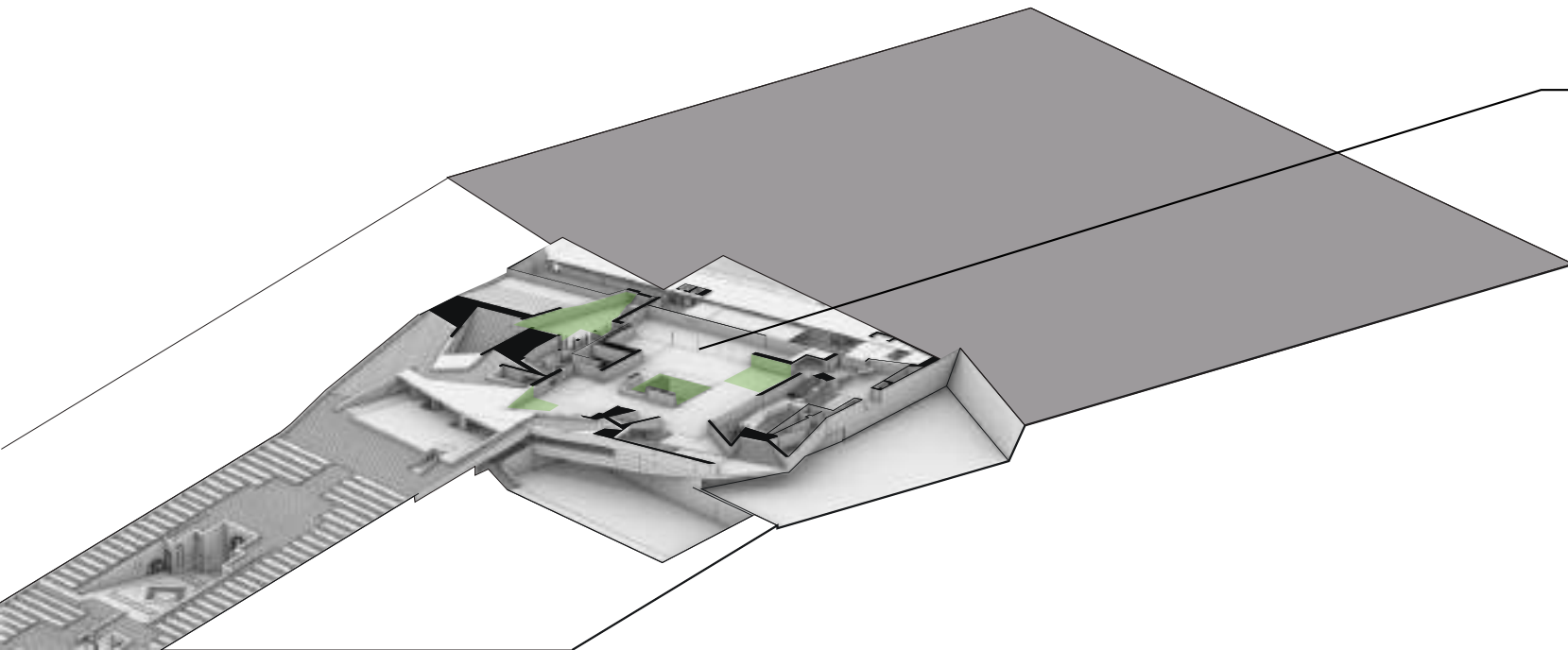
A sloping path steps gently upward to frame the Mother Armenia Monument on the adjacent hillside.

Inside the cultural center galleries wrap around a sunken garden which brings light from the public courtyard above.

This level offers a direct connection to the future development to the east.



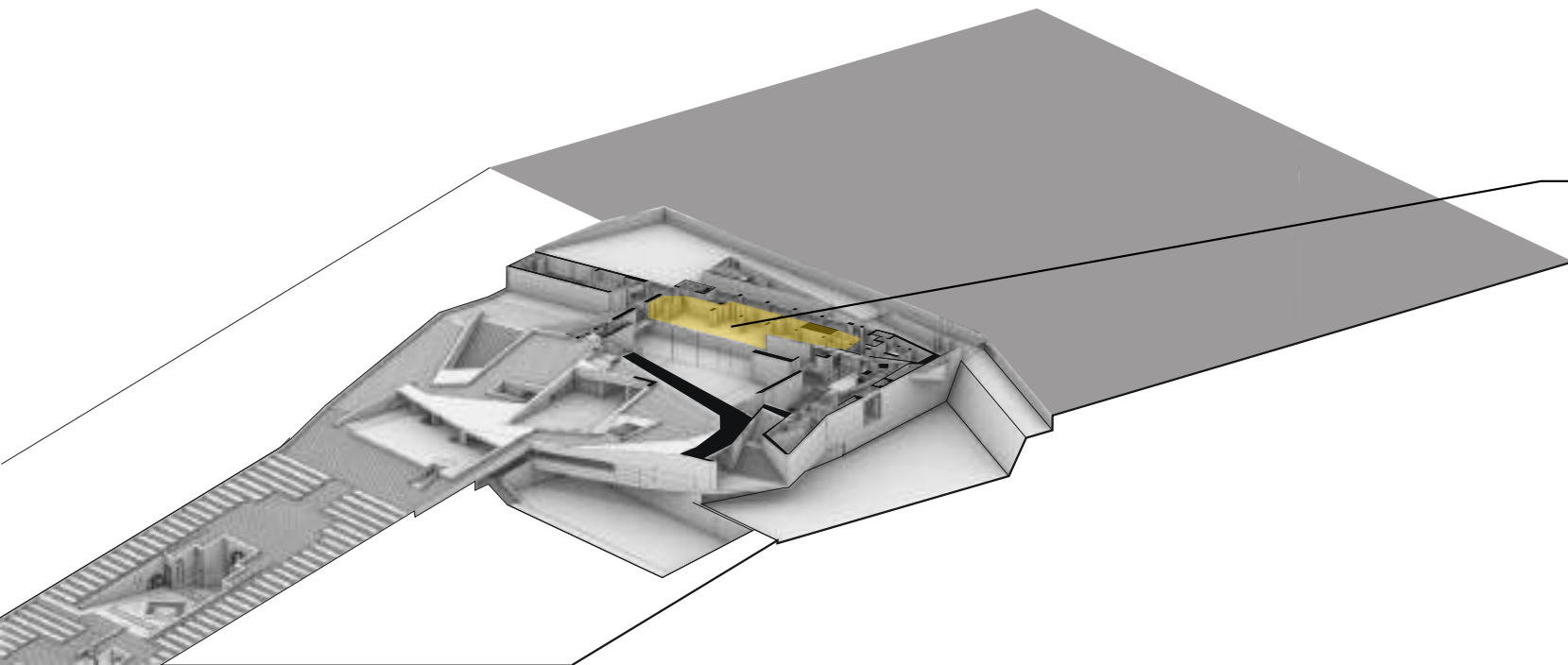




#### Level 0:

The public escalators ascend to the level of the principal interior courtyard beneath the roof garden, which serves as a space for receptions, openings, and sculpture installations and is served by an informal public cafe.

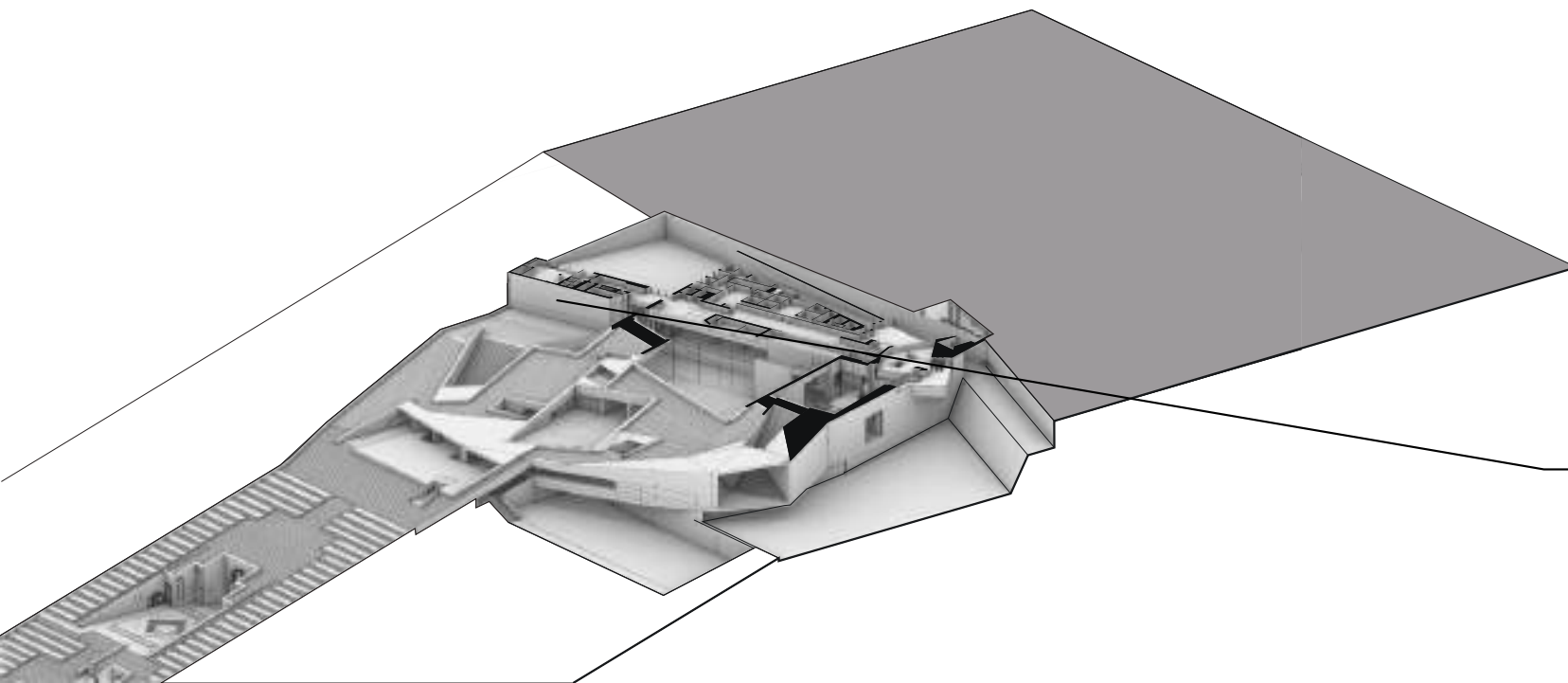




**Level +3:**

Galleries for the permanent collection overlook the central courtyard, with view of Mount Ararat beyond.



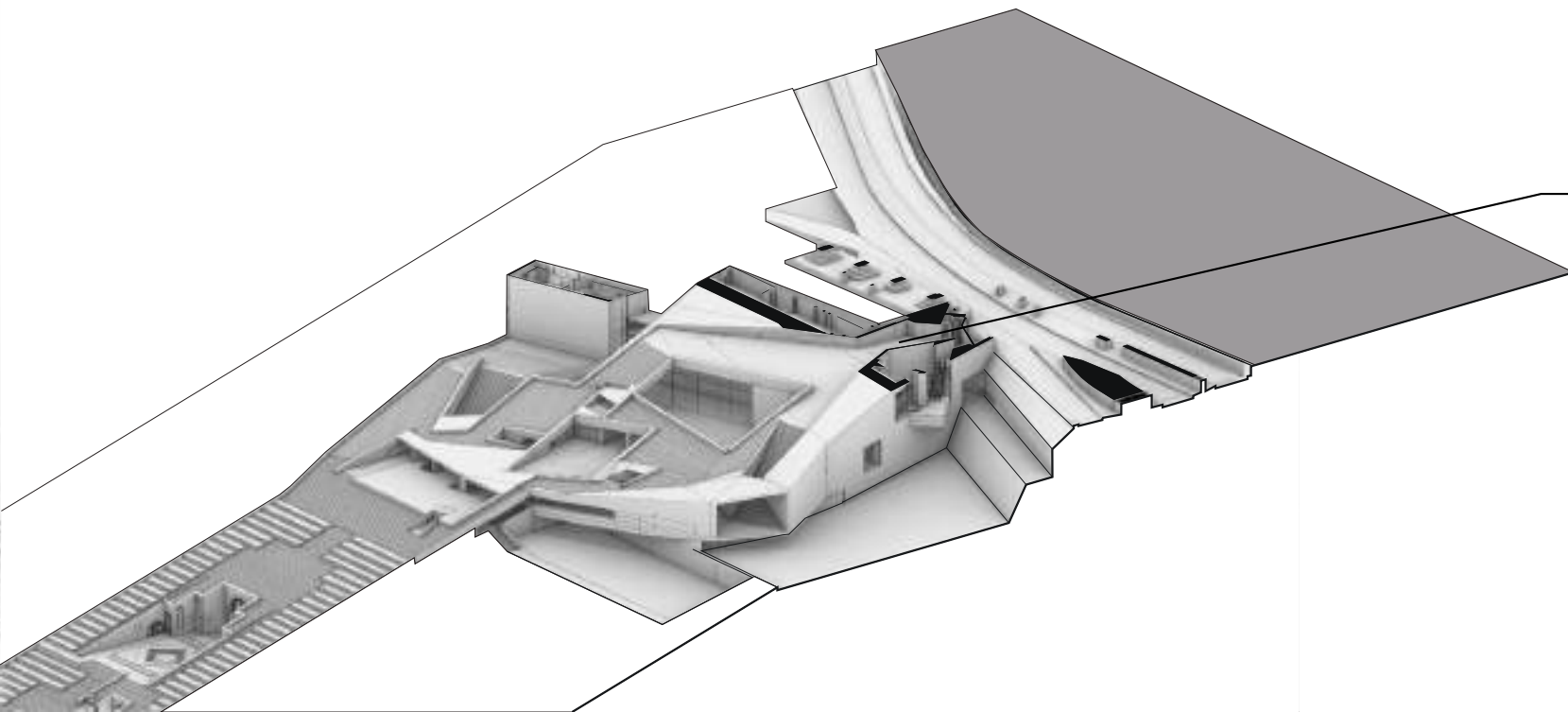
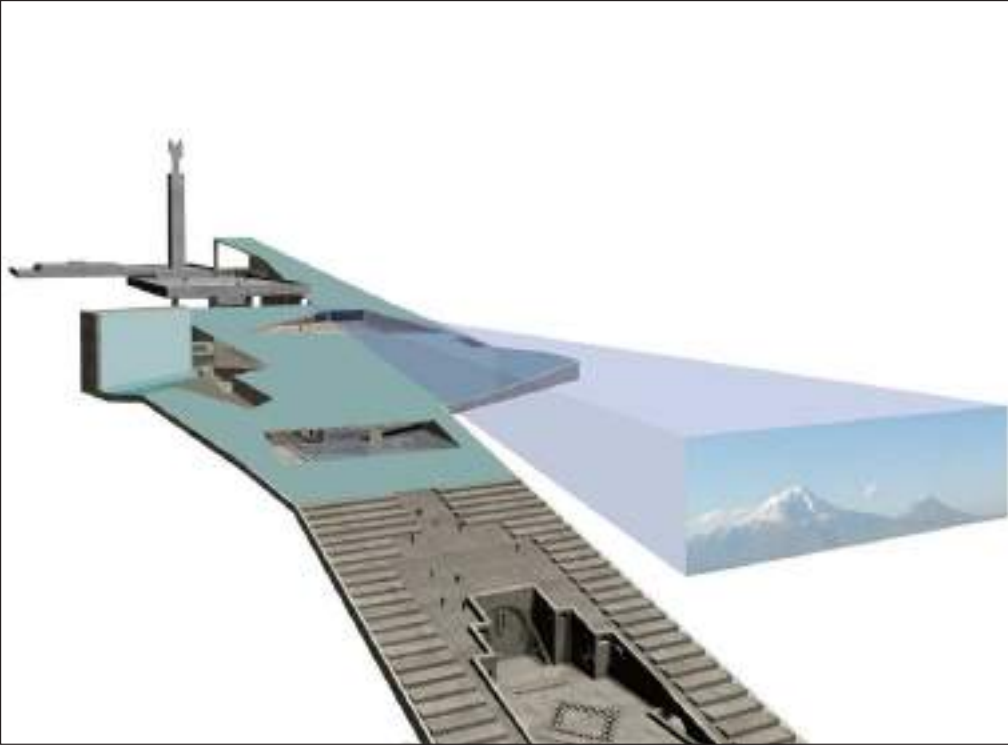


#### Level +9:

The tapering upper levels of the Cultural Center provide space for administrative and curatorial offices.

A mechanical services tower serves as an exterior projection screen and backdrop for live musical performances. Accessed by a dramatic stair from the point of arrival from the Cascade, the outdoor cinema draws evening visitors and engages the city below.

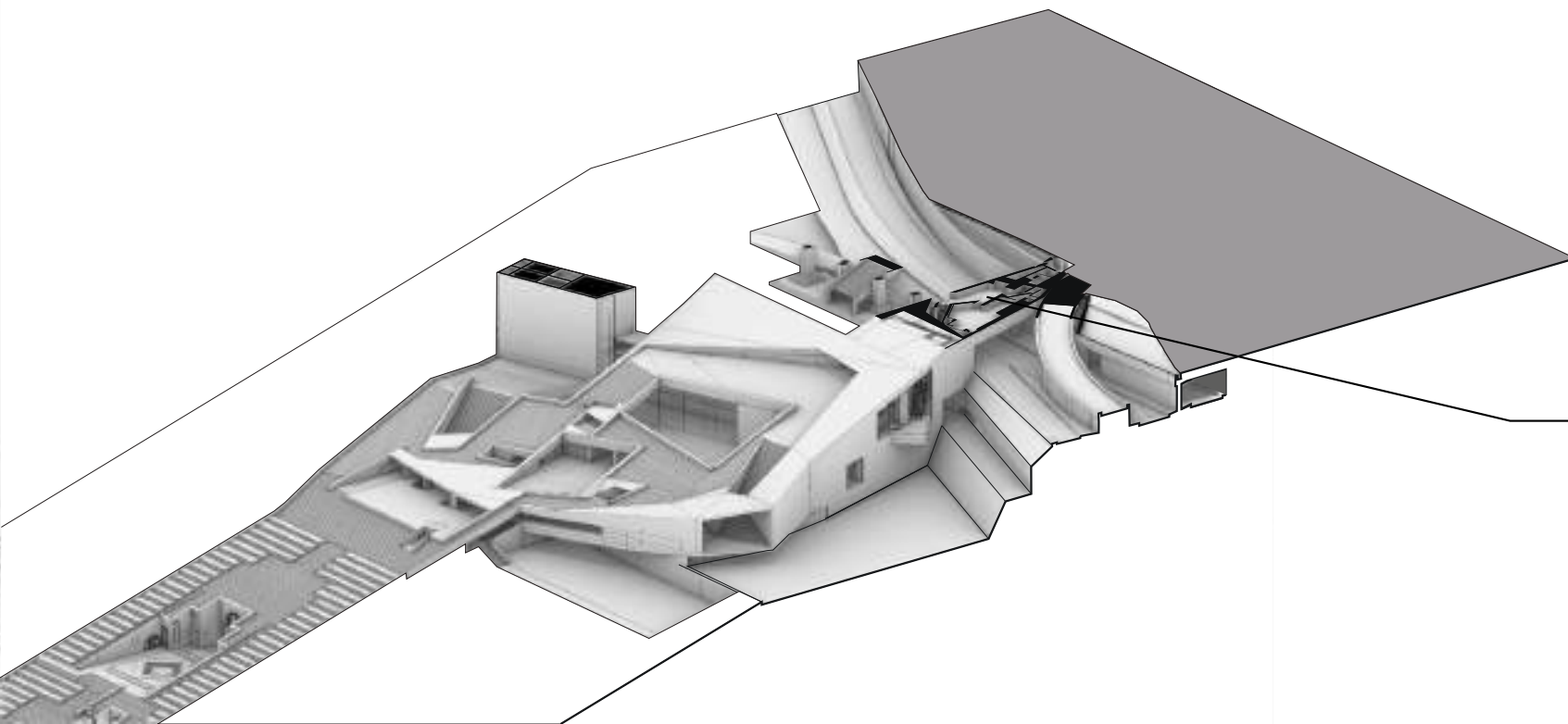
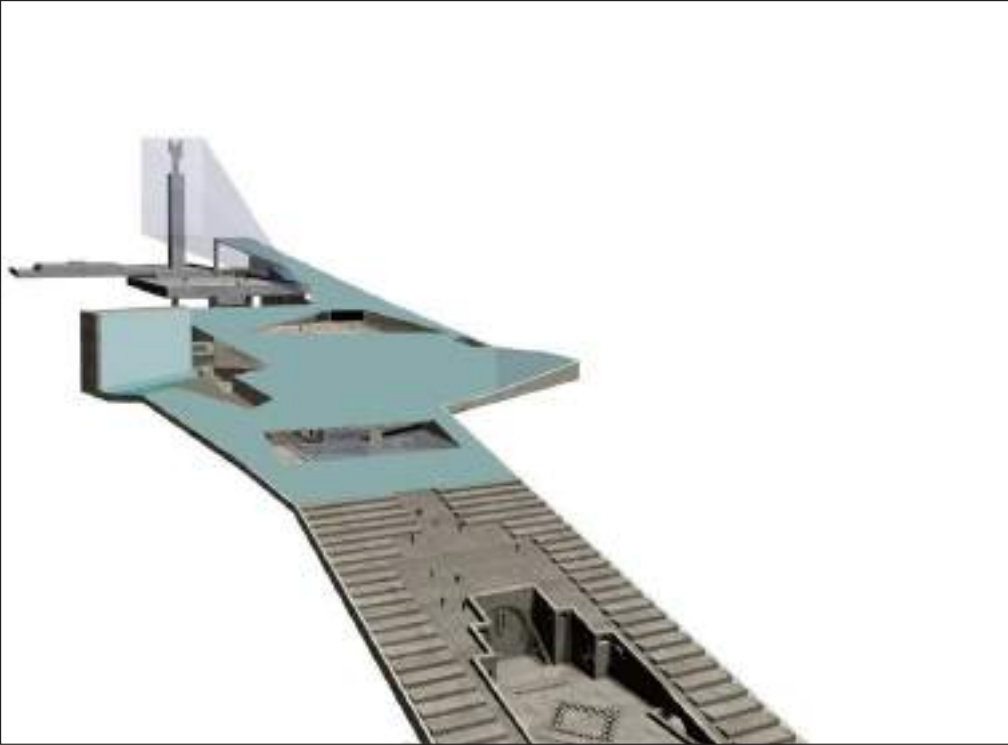




### Level +13:

At the uppermost edge of the main building the escalators down from the Monument Terrace deliver visitors to a perfectly framed view of Mount Ararat in the distance. The floor tapers gently upward, cropping the foreground, so the visitor is in a direct relationship to the mountain. The doorway opens onto the uppermost end of the continuous roof garden that descends to connect to the Cascade and to Tamanyan Park far below.

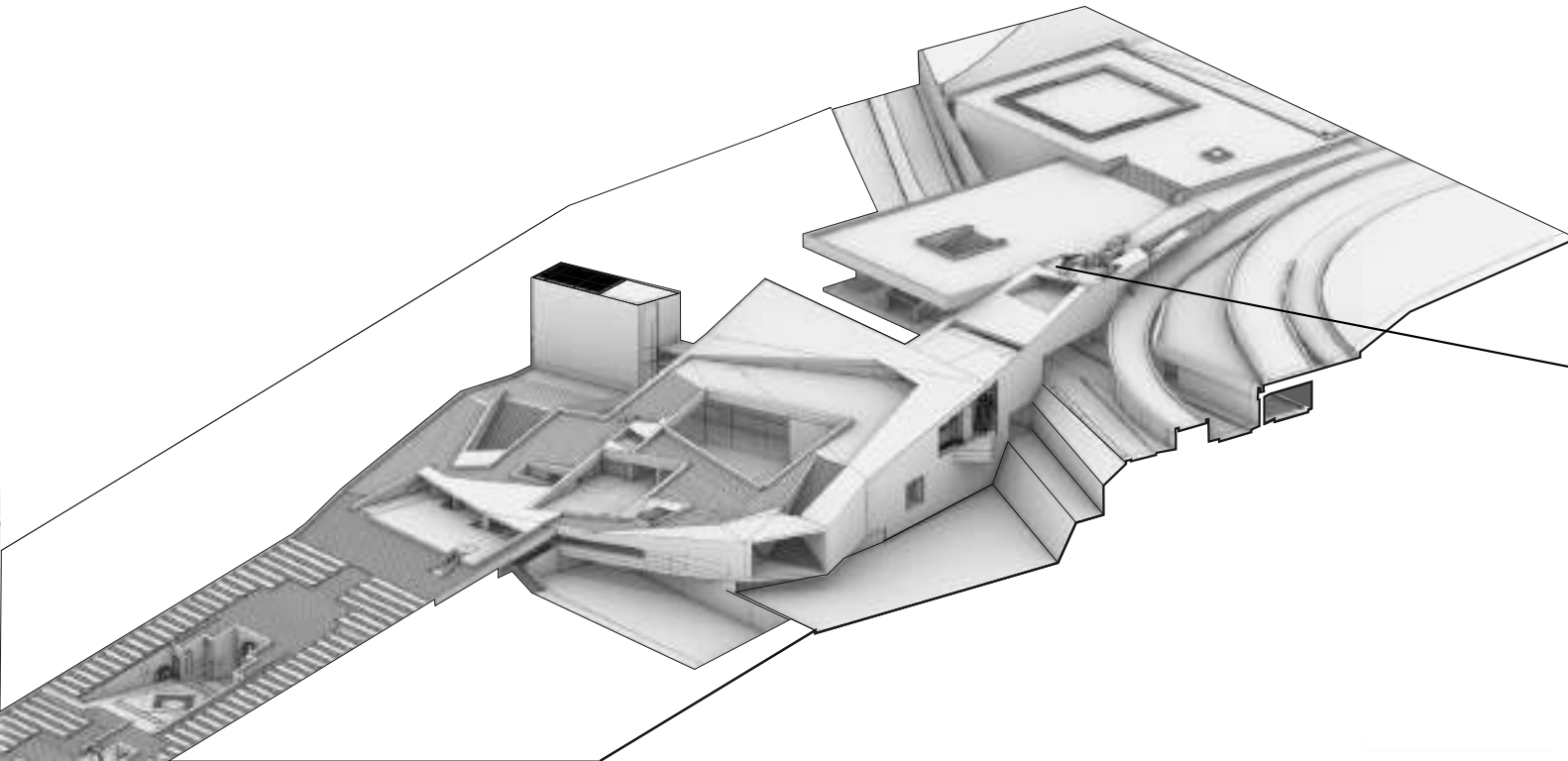




#### Level +16:

The last escalator landing provides a dramatic view of the underside of the Monument Terrace and of the Monument itself framed with a tapered perspective opening.

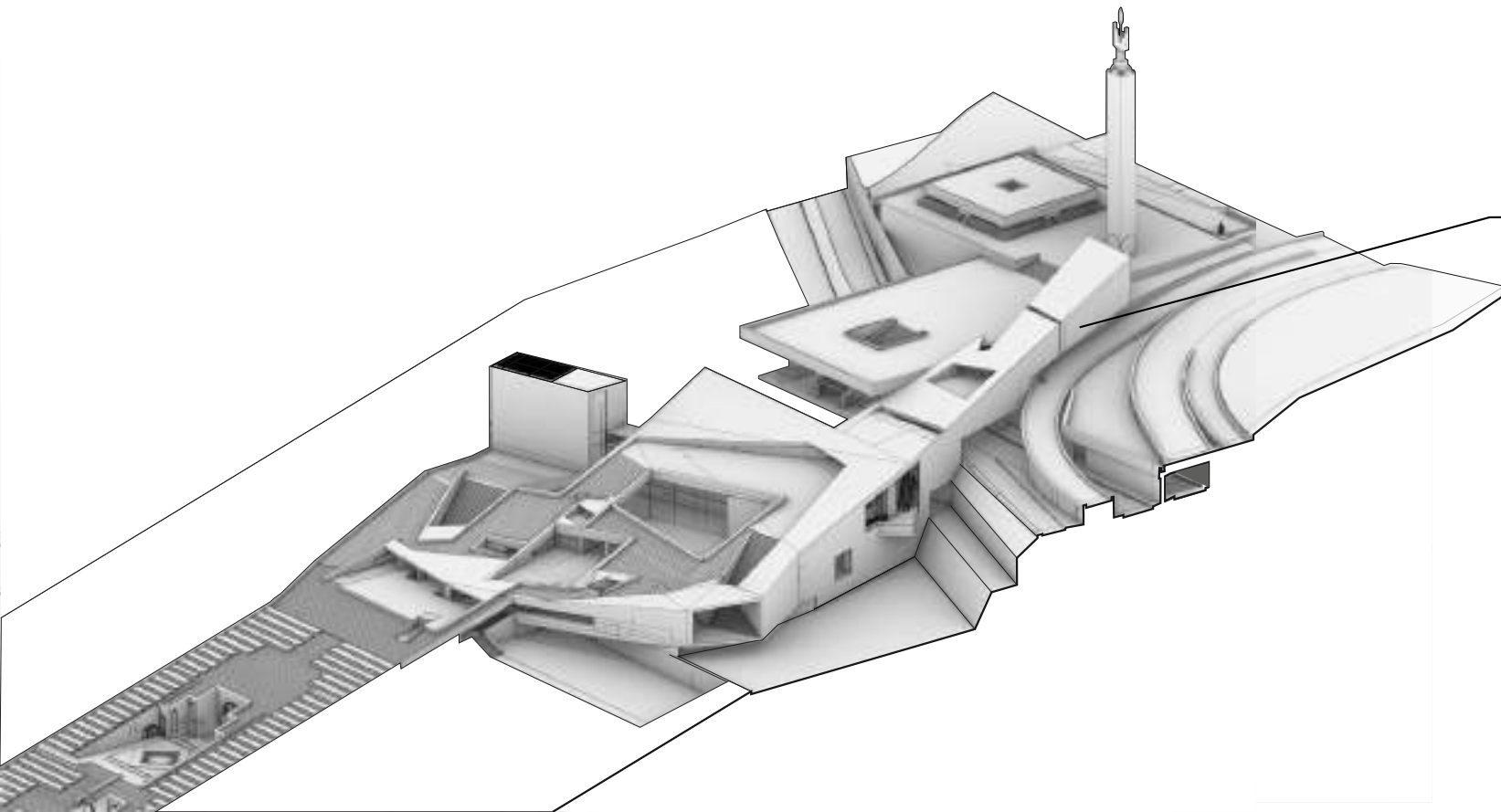




**Level +22.5:**

The enclosed escalators and stairs span the highway and arrive at the Monument Terrace level, on foundations already in place.

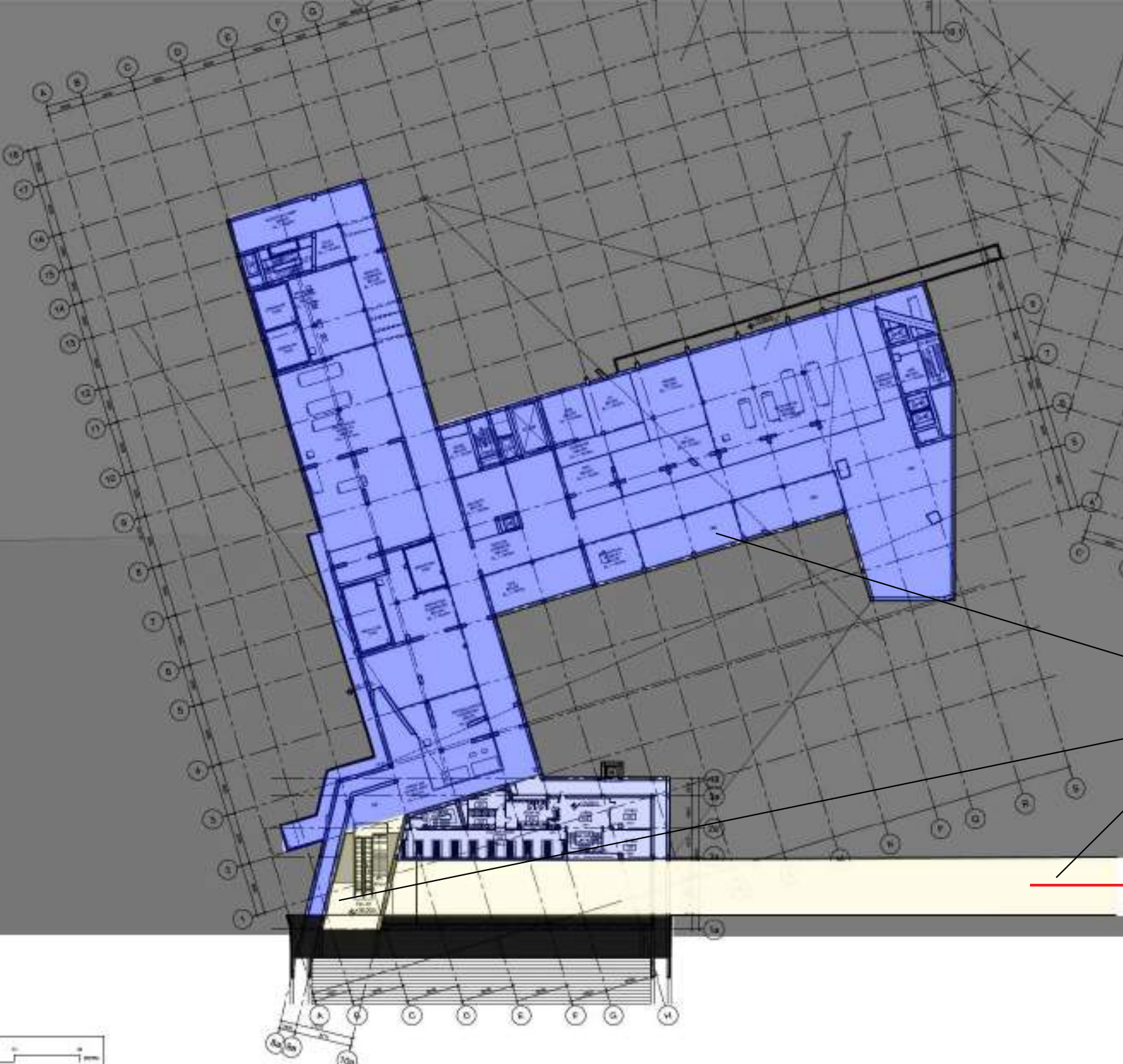




**Level +29.5:**

The enclosure for the escalators and stairs creates a dramatic inclined termination of the Cascade plane and creates a visual and acoustical screen which isolates the terrace from the noise of traffic on the busy adjacent roadways.





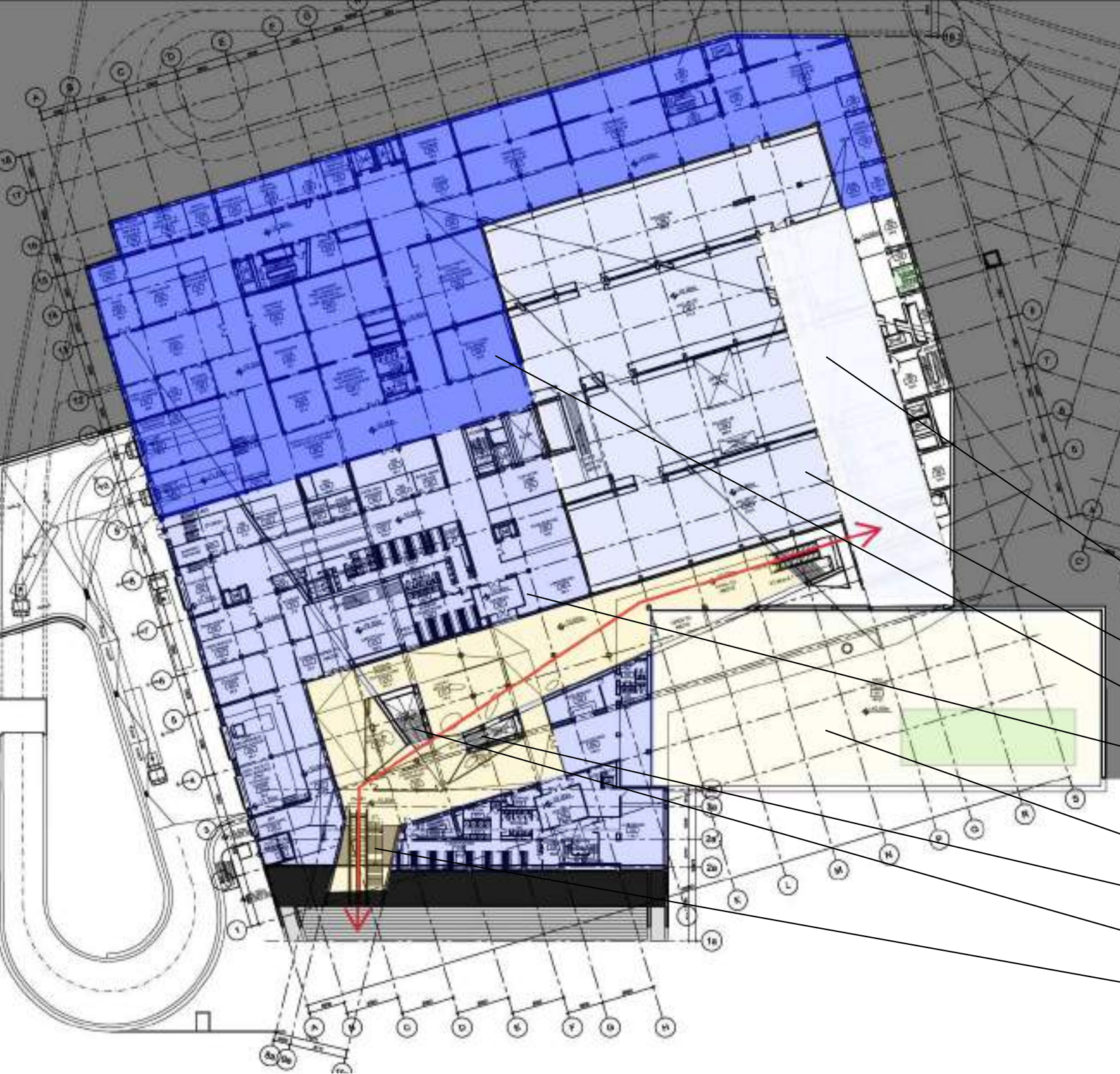
### Level -13.5

Mechanical and utility spaces for Museum caliber temperature and humidity control.

Connection to the Cascade Escalators.

Direct connction to 1500 parking spaces under the future development to the east.





**Level -10.5**

Main lobby of the  
Cascade Gardens Cultural Center

Galleries

Back-of-house support spaces

Specialty retail spaces surrounding main  
point of arrival in the Cascade Gardens  
Cultural Center

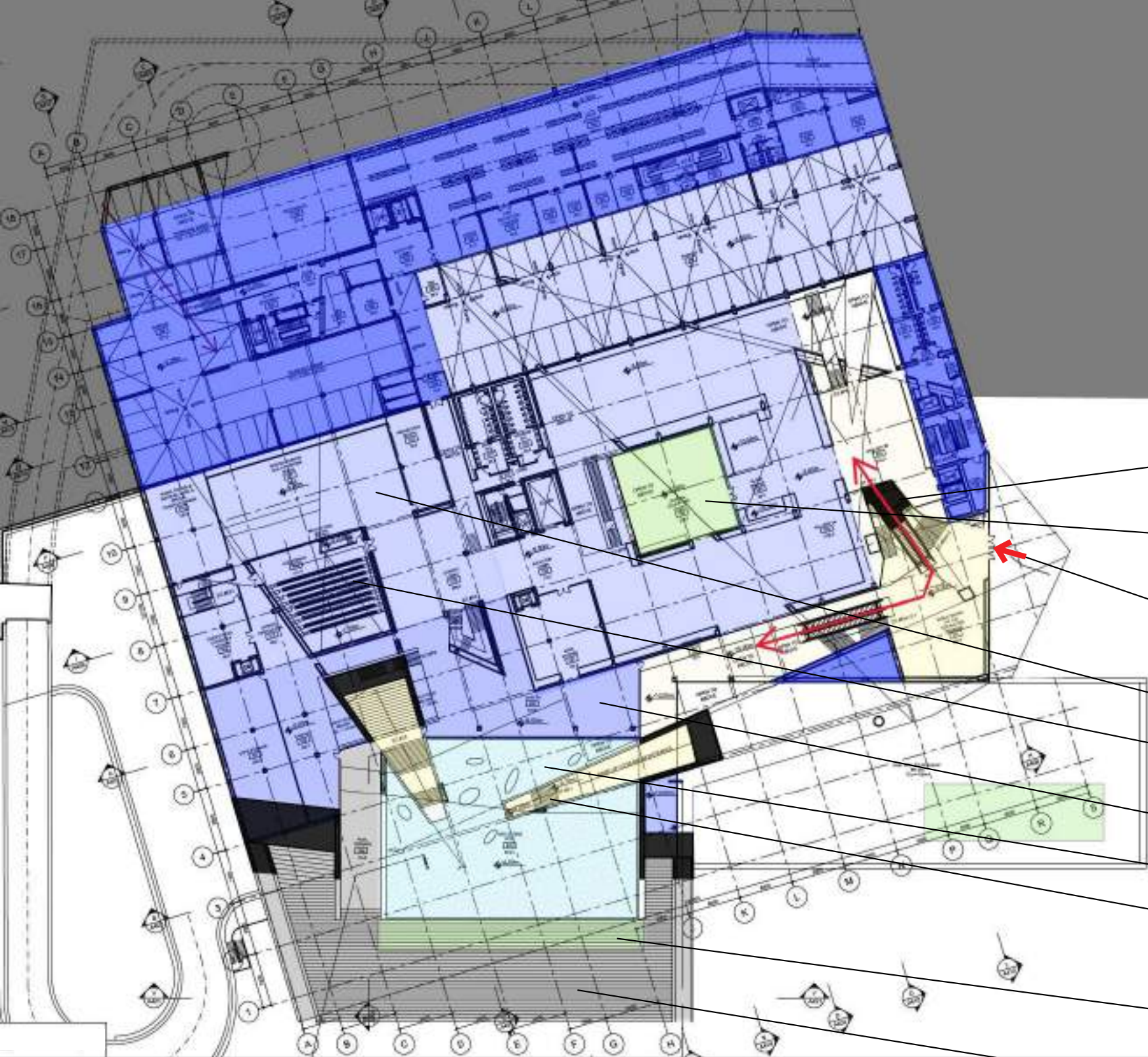
East sculpture garden

Stair to Mother Armenia Window

Stair to outdoor cinema

Point of arrival from the Cascade escalators

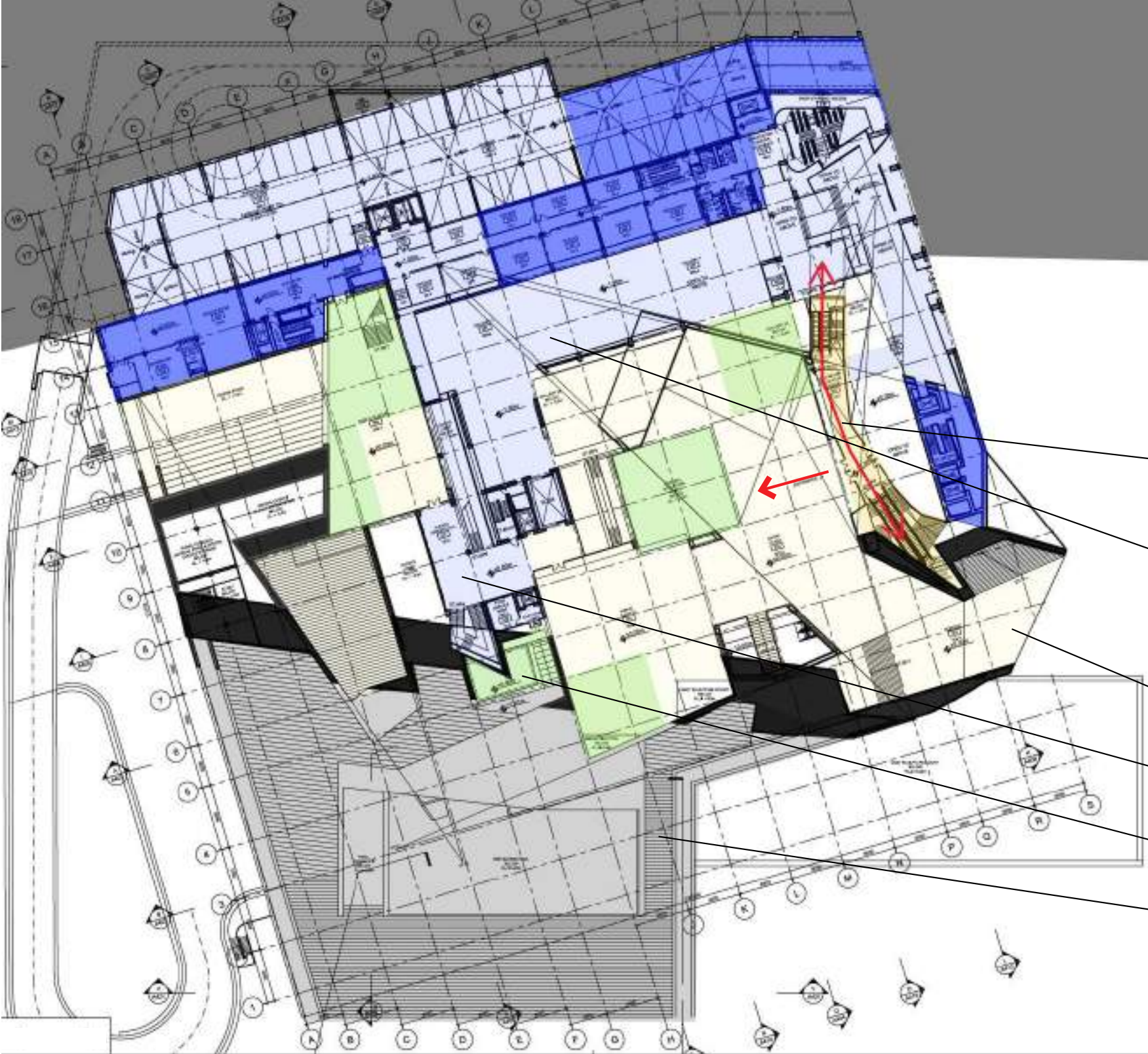




## Level -5

- Stairs and escalators pass over the Museum lobby below
- Galleries are illuminated by light filtering in from the sunked garden
- Principal entrance to the Cascade Gardens Cultural Center form the future development to the east
- Reception and Special Events Space
- Auditorium / Lecture Hall under Cinema Stairs
- Restaurant overlooking the reflecting pool
- Reflecting Pool
- Stair ascending through the reflecting pool toward the Mother Armenia Monument and the Outdoor Cinema
- Planted arbor offering shady place to enjoy the view of Yerevan
- Sloping exterior public roof garden





### Level +0

Stairs and escalators pass over the Museum lobby below and provide access to the main interior courtyards.

Lobby cafe with outdoor seating

Parking areas planned for the Cafesjian Museum could be converted to additional exhibition space

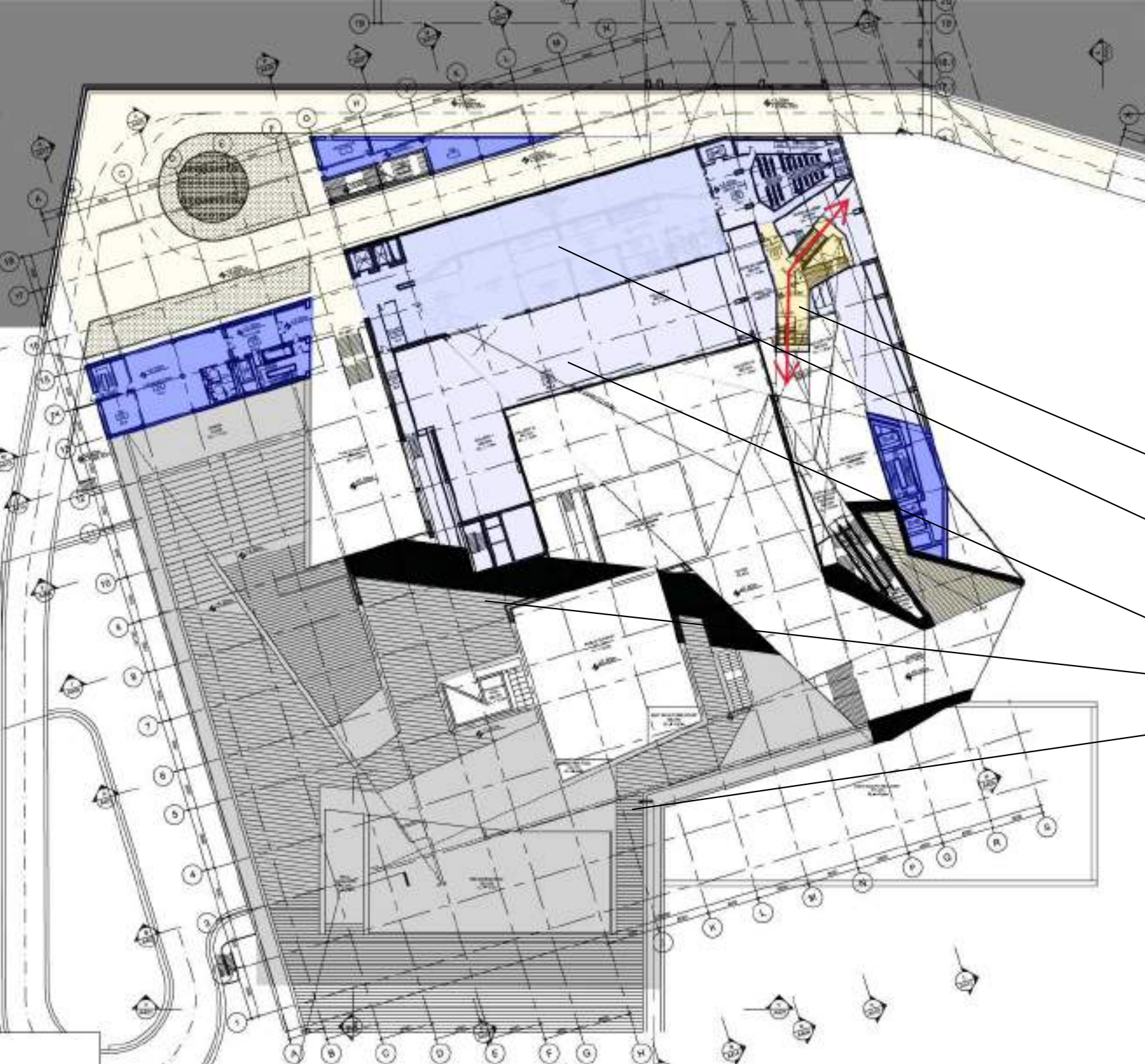
Window framing the Mother Armenia Monument

Access to Events Space, Auditorium and Restaurant

Stair Garden to access sloping public roof.

Sloping exterior public roof garden





### Level +3

- Stairs and escalators pass over the Museum lobby below.
- Upper level galleries for the permanent collection look across the cafe and exterior terrace to the view of Mount Ararat beyond
- Open to below
- Raked Seating for Outdoor Cinema
- Sloping exterior public roof garden





**Level +9**

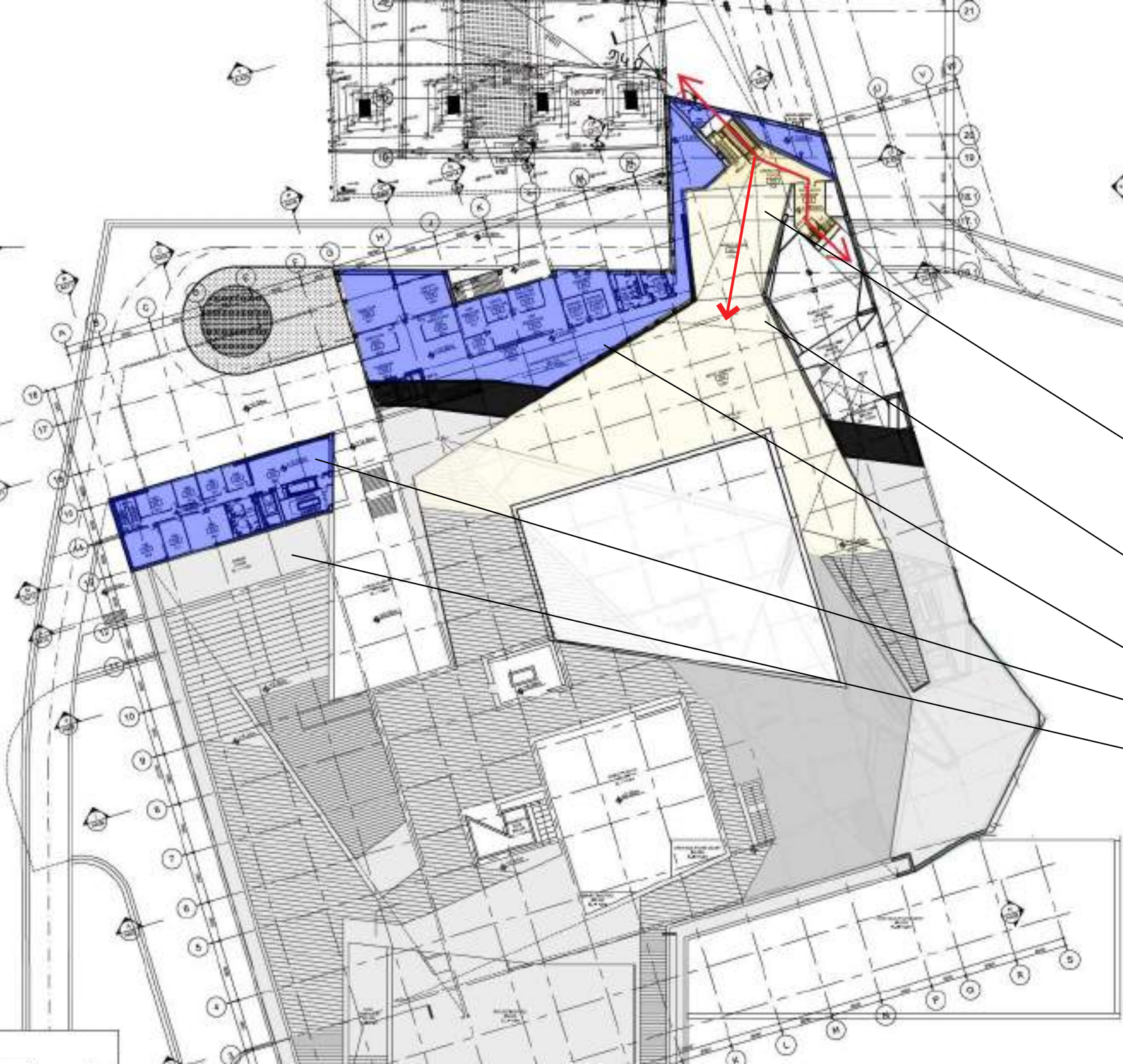
The escalator path passes out of the side of the Cascade Gardens building, offering a dramatic view of the long sloping exterior as well as views down in to the public escalator passage.

Administrative Offices

Open to below

Sloping exterior public roof garden





### Level +13

Stairs and escalators down from the Monument Terrace deliver visitor to the apex of a view of Mount Ararat framed in the open doorway.

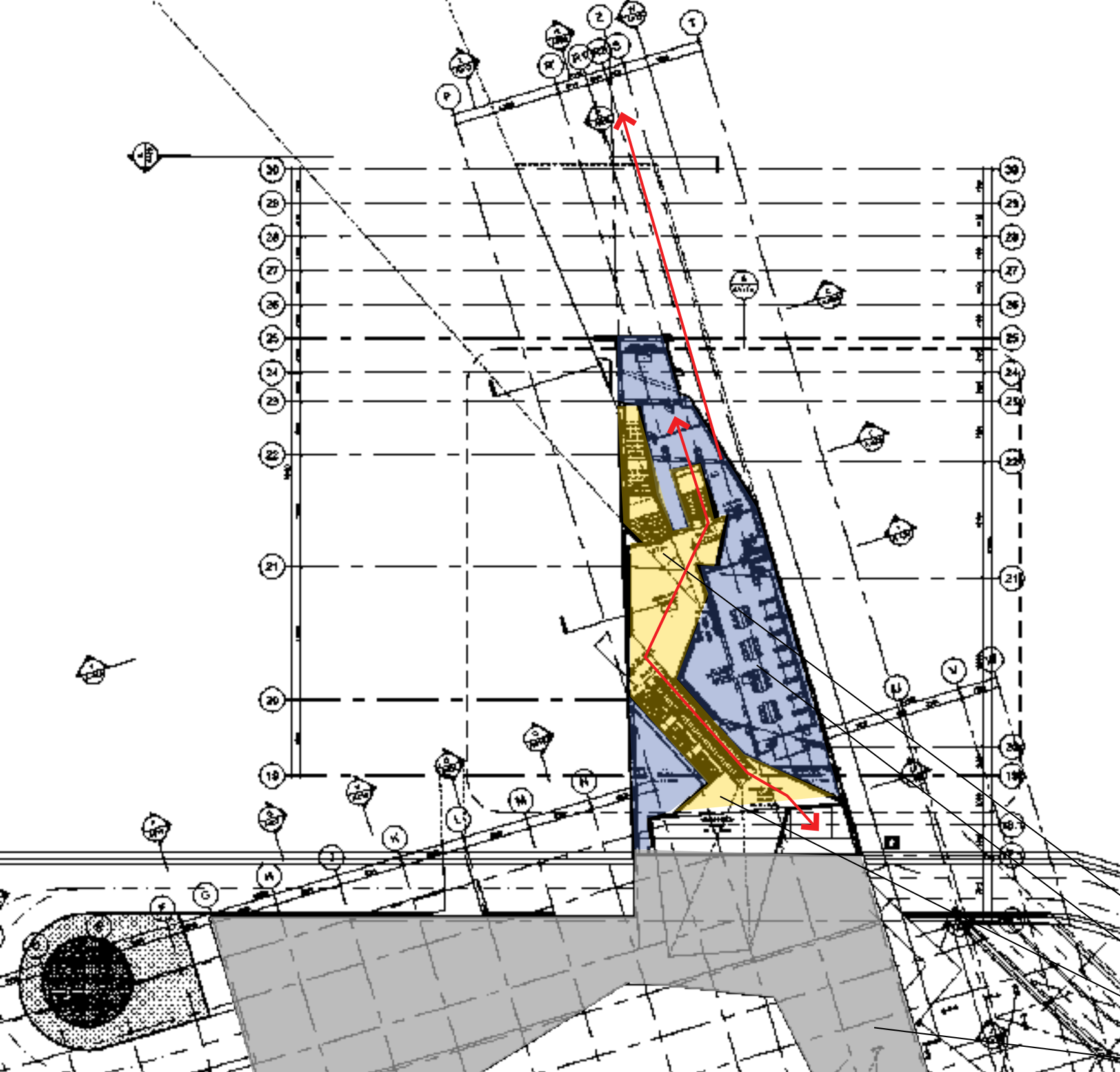
The doorway leads onto the highest point of the public roof garden that descends all the way to Tamanyan Park.

Administrative Offices

Mechanical Services Tower

Outdoor Cinema





Level +22.5

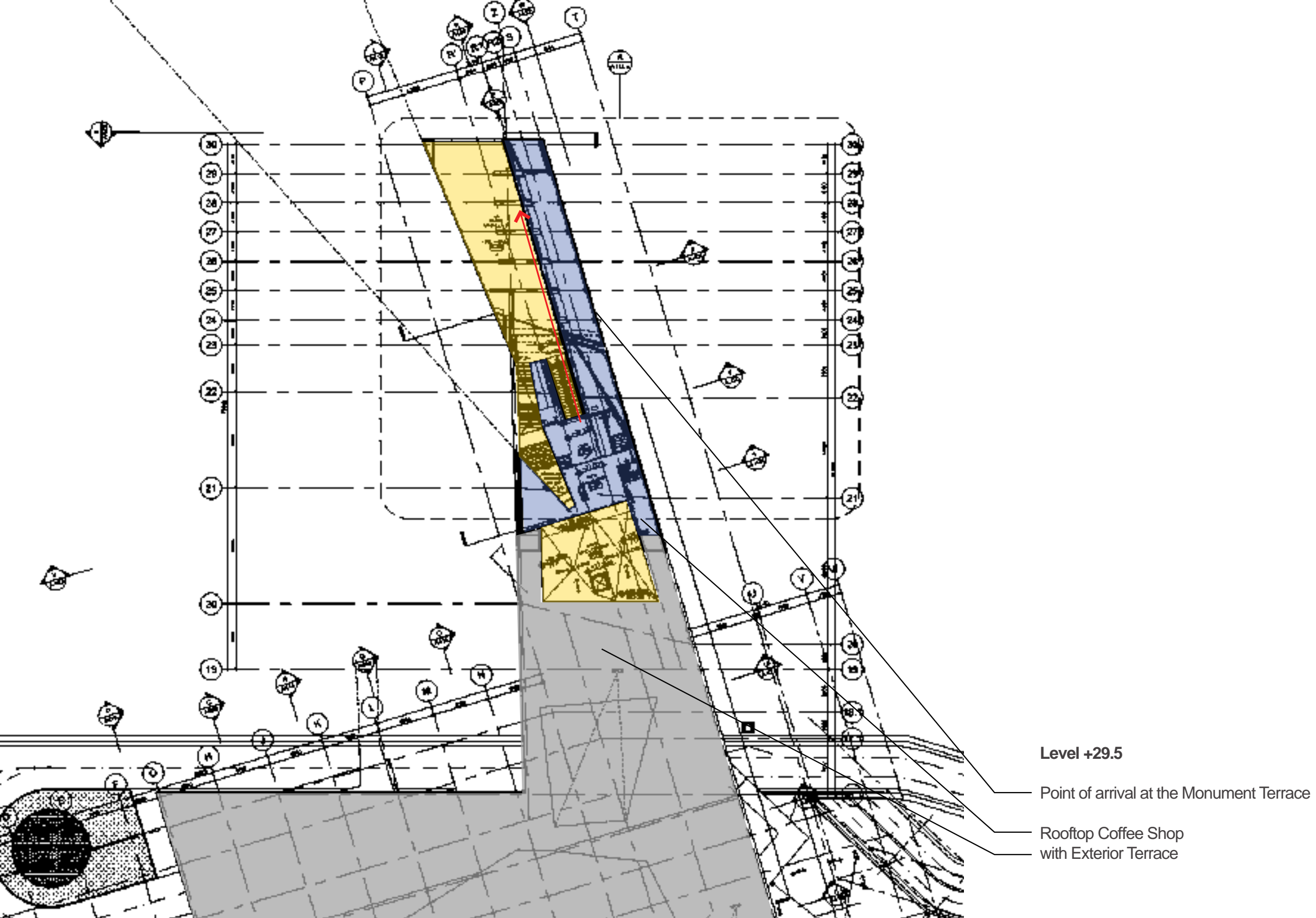
Stair with framed view of the monument

Reading Room

Escalators down to Ararat Doorway

Sloping roof below



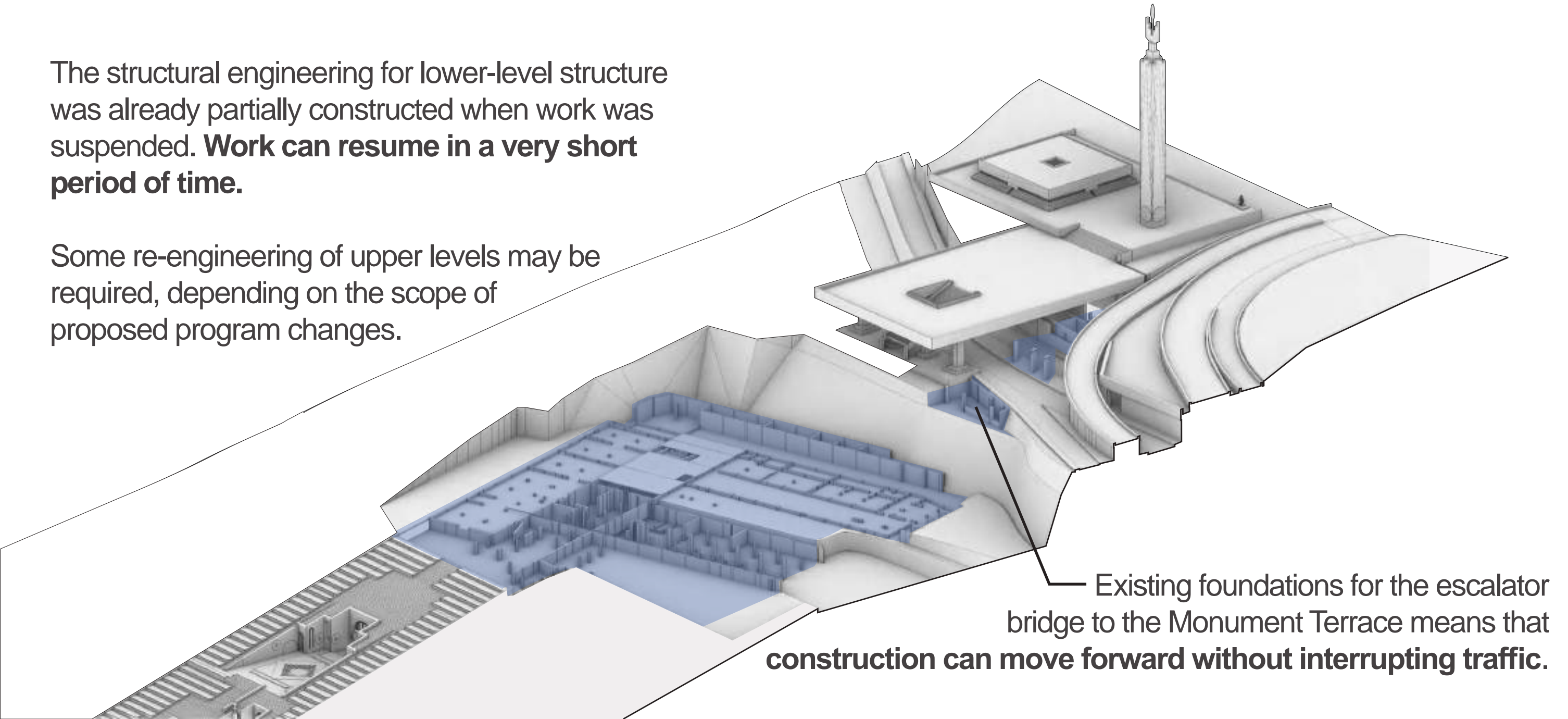




# 6. BUILDING ON WHAT HAS ALREADY BEEN CONSTRUCTED

The structural engineering for lower-level structure was already partially constructed when work was suspended. **Work can resume in a very short period of time.**

Some re-engineering of upper levels may be required, depending on the scope of proposed program changes.



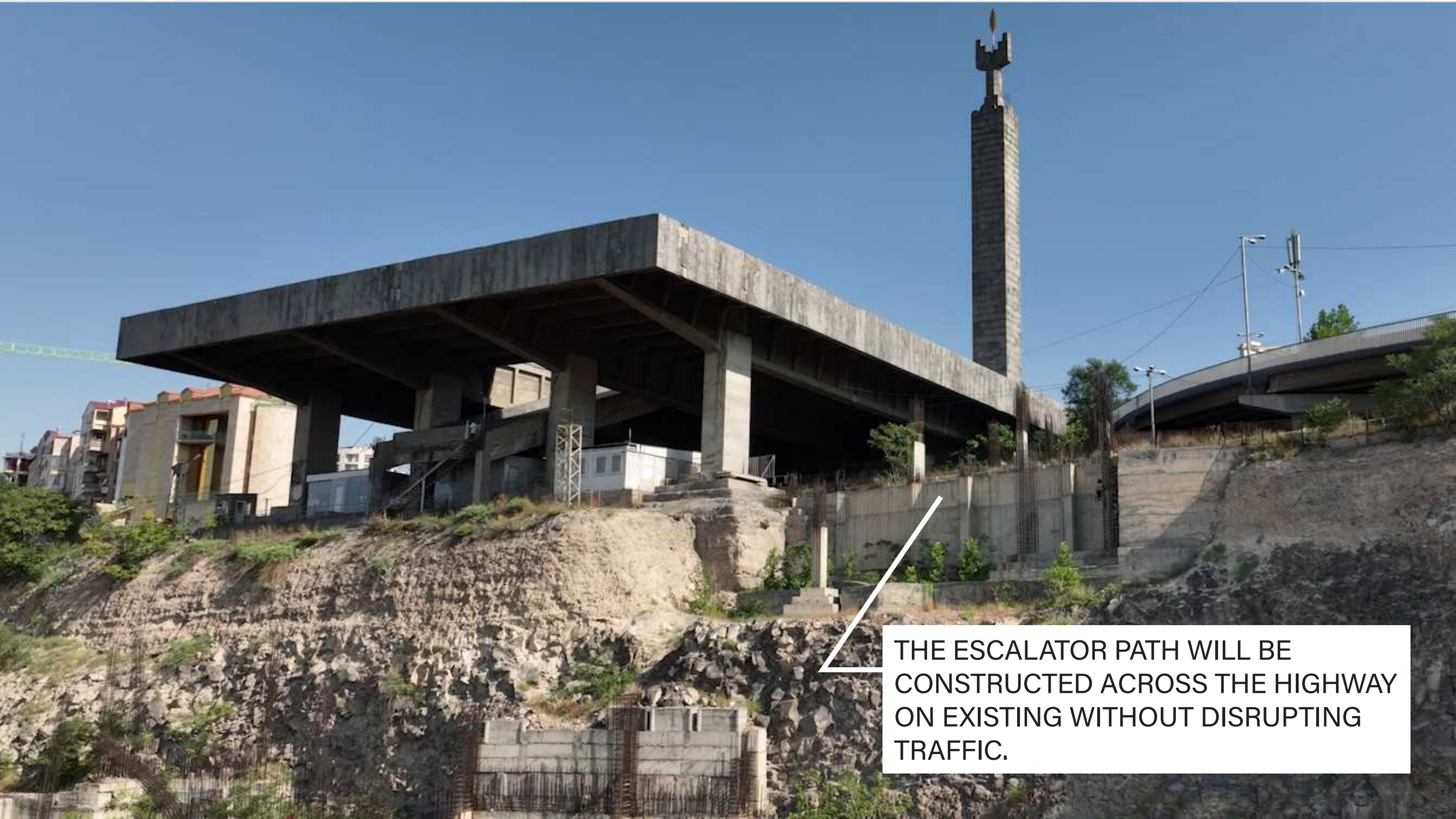
Existing foundations for the escalator bridge to the Monument Terrace means that construction can move forward without interrupting traffic.





THE STRUCTURE OF THE CULTURAL CENTER HAS ALREADY BEEN ENGINEERED AND THE FOUNDATIONS ARE IN PLACE. WORK CAN RESUME QUICKLY.





THE ESCALATOR PATH WILL BE  
CONSTRUCTED ACROSS THE HIGHWAY  
ON EXISTING WITHOUT DISRUPTING  
TRAFFIC.





THE CASCADE GARDENS DESIGN RESPECTS THE BELOVED EXISTING CHARACTER OF THE CASCADE AND PRESERVES THE OPEN VIEWS FROM TAMANYAN PARK, WHILE THE SHIFT IN GEOMETRY SYMBOLIZES THE POLITICAL TRANSFORMATION THAT HAS OCCURRED SINCE CONSTRUCTION OF THE CASCADE BEGAN IN THE 1970S.





THE CULTURAL CENTER AND THE COMPLETION OF THE CASCADE WILL ENRICH THE EVERYDAY LIFE OF THE RESIDENTS OF YEREVAN WHILE CREATING A MAGNET FOR CULTURAL TOURISM, A SYMBOL OF THE VIBRANT MODERN REPUBLIC OF ARMENIA, AND A LEGACY FOR FUTURE GENERATIONS.



Կասկադ համալիրը եզակի հանրային տարածք է Երևանի կենտրոնում: Նույնիսկ իր անավարտ վիճակում այն երևանցիների համար սիրելի վայր է: Կասկադն ունի նաև արտասովոր պատմություն: Խորհրդային ժամանակաշրջանում սկսեց կառուցվել, սակայն աշխատանքները դադարեցվեցին 1980-ականներին՝ քառասուն տարի առաջ, և միայն 2000-ականներին վերսկսվեցին բարեկարգման աշխատանքները ամերիկացի ճարտարապետ Դեյվիդ Ջոթսոնի և մի շարք հայ ճարտարապետների նախագծով: Որոշում կայացվեց համալիրը հասցնել ավարտուն տեսքի, վերածելով այն միջազգային չափանիշներին համապատասխան ժամանակակից արվեստի լավագույն կենտրոններից մեկի:

Ներկայիս կասկադ համալիրի նախագծի գաղափարի հիմքում ընկած է քարի, ջրի և կանաչի համադրումը, ինչը պահպանվել է նաև այս ժամանակակից արվեստի թանգարանի հայեցակարգում: Թանգարանի բացօթյա հարթակների շնորհիվ հնարավորություն է ստեղծվում ունենալ դիտակետեր, որտեղից բացվում են տեսարաններ դեպի Երևան քաղաքը, Արարատ լեռը, Մայր Զայաստանի արձանը և Զոկտեմբերյան հեղափոխության 50-ամյակի հուշարձանը:

Թանգարանի նախագծում ներառված են նաև ռեստորաններ, արվեստի, երաժշտության և կինոյի նոր մշակութային վայրեր, բացօթյա դահլիճներ և շատ այլ հանրային տարածքներ:

Թանգարանի կենտրոնով անցնող աստիճաններով և շարժասանդուղքներով ճանապարհը կապվում է Զայաստանի կարևոր խորհրդանիշներին՝ այցելուներին փոխհարաբերության մեջ դնելով շրջակա լանդշաֆտի խորհրդանշական տարրերի հետ՝ ներառելով Զայաստանի պատմությունը համալիրի փորձառության մեջ:

Կասկադ համալիրը կարող է ունենալ ավարտուն տեսք շատ կարճ ժամանակահատվածում, քանի որ 2009 թվականին կառուցվել են որոշ հիմքային հատվածներ և ստորին հարկեր: Տեղադրված են Զաղթանակի զբոսայգու հարթակի հետ շարժասանդուղքի միացման հիմքերը, ինչը թույլ կտա շինարարական աշխատանքները իրականացնել առանց երթևեկության ընդհատման:



**COLLABORATORS ON THE  
CAFESJIAN MUSEUM /  
CASCADE GARDENS PROJECT**

**David Hotson Associates Architects:** Yerevan

Architects:  
David Hotson  
Isahak Nersisyan  
Vazgen Sedrakyan  
Stepan Terzyan  
Ashot Pirverdyan  
Paruir Pogosyan  
Stepan Yeghiazaryan  
Arman Alaverdyan  
Laert Hakobyan  
Meroujan Minasyan  
Heghine Grigoryan  
Lala Vardanyan

Engineers:  
Armen Grigoryan  
Hambartsum Aghajanyan  
Aram Makaryan  
Nerses Karamyan  
Rafael Chtchyan  
Arthur Varosyan  
Constantine Pepoyan  
Vrezh Asatryan  
Arthur Hambartsoumyan  
Luiza Sarkisova  
Satenik Farshyan  
Vaghinak Baghdasaryan  
Petros Terzyan  
Hamlet Hambartsoumyan

Administration:  
Anita Zakaryan  
Vardan Aivazyan  
Armenuhi Hayrapetyan  
Kamyar Kojouri  
Sofya Petrosyan  
Sofia Simonyan  
Vahram Sukiasyan

**David Hotson Architect:** New York

David Hotson  
Jane Kim  
Aran Coakley  
Austin Sakong  
Haik Arustamyan  
Philip Berkowitsch  
Mark Timmins  
Marisa Fontaine  
Azra Dawood  
Jerome Barbu  
Mike Konow  
Rome Cao  
Andrew Billingsley  
Monte Reed

**Storaket:** Yerevan  
Meroujan Minasyan

**NST Architects:** Yerevan  
Isahak Nersisyan  
Vazgen Sedrakyan  
Stepan Terzyan

CONSULTANTS:

**ArmProject:** Yerevan  
Grigor Azizyan  
Levon Aznavuryan  
Zaven Arkarmazyan  
Hovhanes Karamyan  
Grigor Vardanyan

**Atelier Ten:** New York  
Environmental Engineers:  
Patrick Bellew  
Niko Kienzl  
Shanta D'Alanzo  
Rudolph Duncan-Bosu

**Dewhurst Macfarlane and Partners:**  
New York / London  
Structural Engineers:  
Tim Macfarlane  
Anton Nelson

**Plus Group:** New York  
Theater, Auditorium and Cinema Consultants:  
Imtaiz Mulla

**Office for Visual Interaction:** New York  
Lighting Designers  
Enrique Peiniger  
Jean Sundin

**M. Goodwin Associates:** Los Angeles  
Museum Planning Consultant  
Marcie Goodwin

**CASCADE GARDENS\_Yerevan**

A Project of:  
**David Hotson\_Architect**  
www.hotson.net