

# ARSENAL MEMORY PARK



5 FLOORS

4 FLOORS

3 FLOORS

2 FLOORS

Memory Boulevard

Agri-Food Market

Urban Farming

Administration building  
(1,000m<sup>2</sup>)

Historical Exhibition Pavilion  
(1,500m<sup>2</sup>)

Immersive Audiovisual Showroom  
(500m<sup>2</sup>)

Memorial Art Gallery  
(1,500m<sup>2</sup>)

Hieterturn and  
Exhibition Pavilion  
(1,500m<sup>2</sup>)

Concert Hall  
(4,000m<sup>2</sup>)

Amphitheater  
(1,000m<sup>2</sup>)

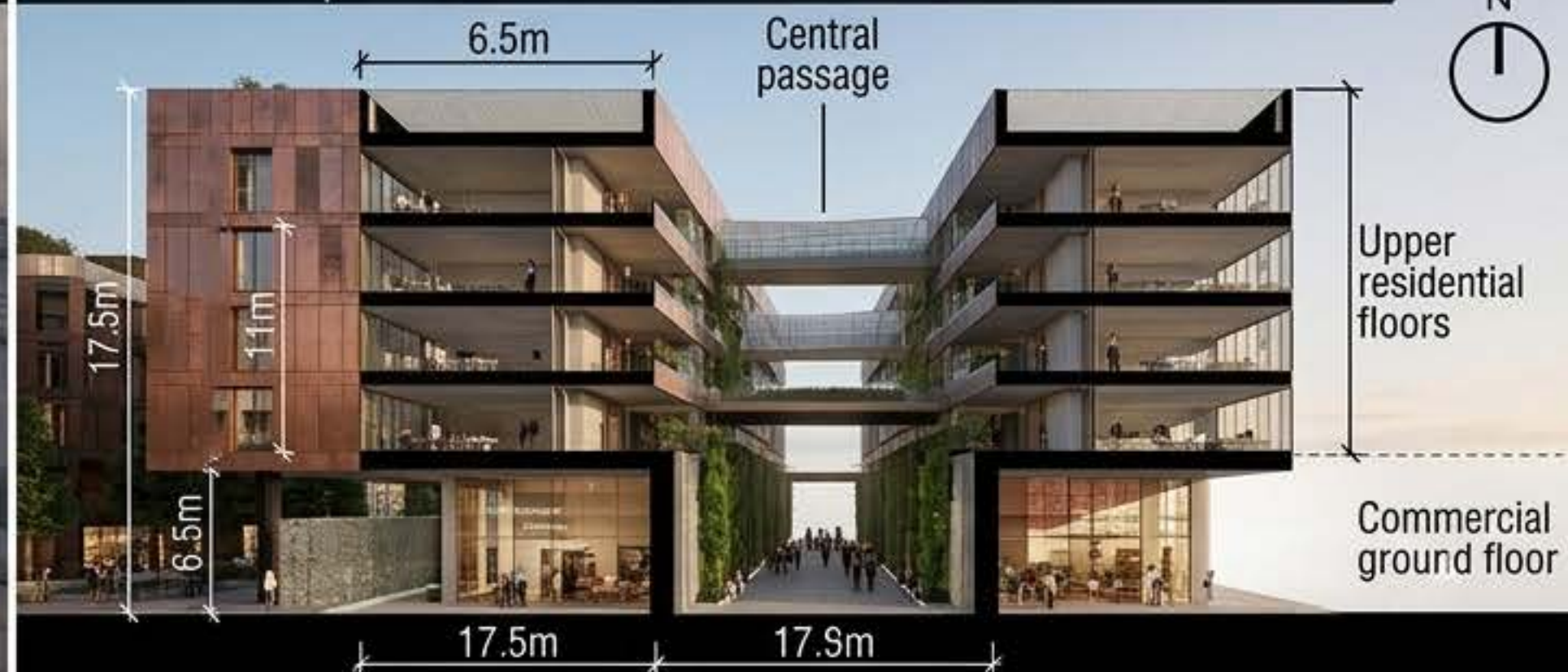
Classroom and  
Conference complex  
(4,000m<sup>2</sup> total)



Memorial Park Apex & Lake-side View



Elevated Urban Farming Perspective



Architectural Solution Close-up - Mixed-Use Building Perspective Section

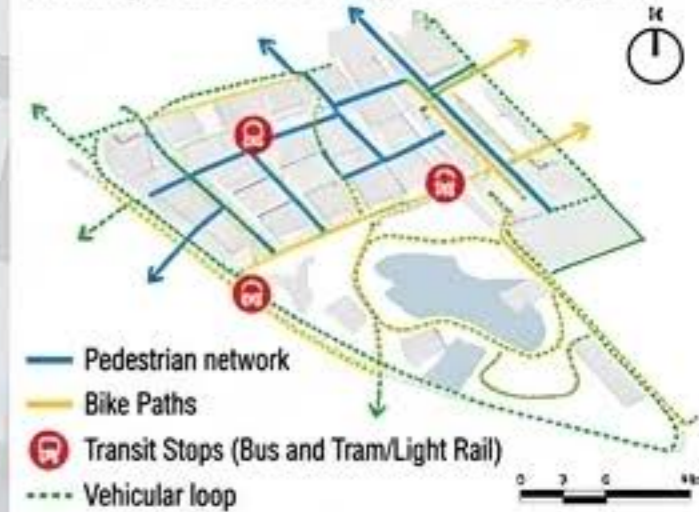
# ARSENAL MEMORY PARK - COMPREHENSIVE URBAN ANALYSES



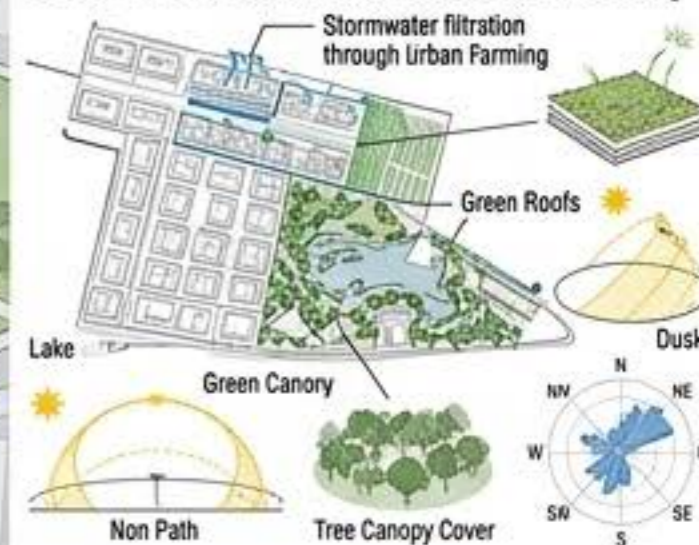
**Land Use and Program Breakdown Chart.**



**Mobility and Connectivity Network Diagram.**



**Green Infrastructure and Microclimate Study**



**Density Study.**



# MEMORY BOULEVARD: GRAND ENTRY AXIS



Administration Building

# CULTURAL HEART: MEMORIAL NODES LOOP



Memorial Art Gallery

Historical Exhibition Pavilion

Concert Hall (4,000m<sup>2</sup>)

Amphitheater (1,000m<sup>2</sup>)

## LEGEND

 Administration Building	 Concert Hall (4,000m <sup>2</sup> )
 Memorial Plaza (2,500m <sup>2</sup> )	 Amphitheater (1,000m <sup>2</sup> )
 Immersive Audiovisual Showroom	 Concert Hall (4,000m <sup>2</sup> )
 Memorial Art Gallery	 Classroom and Conference complex (4,000m <sup>2</sup> total)
 Hieterturn (1,500m <sup>2</sup> )	 Hieterturn and Exhibition Pavilion

# GRID LIVING: VERTICAL COMMUNITIES



# THE PRODUCTIVE EDGE: FARM-TO-MARKET LINK



# ARSENAL MEMORY PARK -

## LAND USE

- RESIDENTIAL & MIXED-USE (Blocks 2-5 floors)
- CULTURAL & EXHIBITION (Pavilions, Gallery, Hall, (Hixkitum, Sallem))
- COMMERCIAL & MARKET (Agn Food, Retail)
- PUBLIC & MEMORY PARK (Lake, Plaza, Green)
- Agricultural
- URBAN FARMING & AGRICULTURE

## MOBILITY & CONNECTIVITY ANALYSIS



## FUNCTIONAL NODE ANALYSIS



MEMORY PLAZA SECTION DETAIL



AGRI-FOOD MARKET NODE DETAIL

## DENSITY & PHASING STRATEGY



DENSITY & PHASING STRATEGY

Administration building  
(1,000m<sup>2</sup>)

Historical Exhibition Pavilion  
(1,500m<sup>2</sup>)

Immersive Audiovisual Showroom  
(500m<sup>2</sup>)

Memorial Art Gallery  
(1,500m<sup>2</sup>)

Hietertum and  
Exhibition Pavilion  
(1,500m<sup>2</sup>)

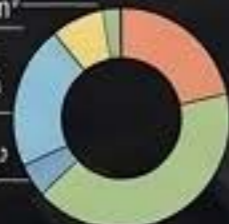
TOTAL CULTURAL: ~9,000m<sup>2</sup>

TOTAL OPEN SPACE: 2,300m<sup>2</sup>

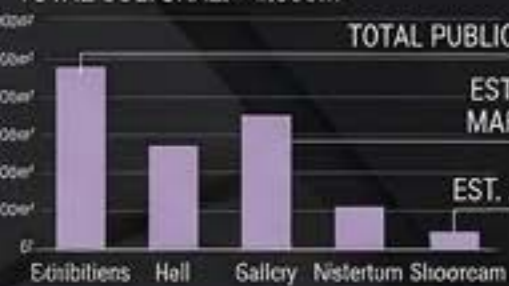
TOTAL PUBLIC PLAZA: 2,500m<sup>2</sup>

EST. COMMERCIAL MARKET: ~5,000m<sup>2</sup>

EST. ADMIN: 1,000m<sup>2</sup>



TOTAL RESIDENTIAL FLOORSPACE



FUNCTIONAL PROGRAM BREAKDOWN (AREA STUDY)

# MEMORY BOULEVARD: GRAND URBAN-TO-PARK AXIS

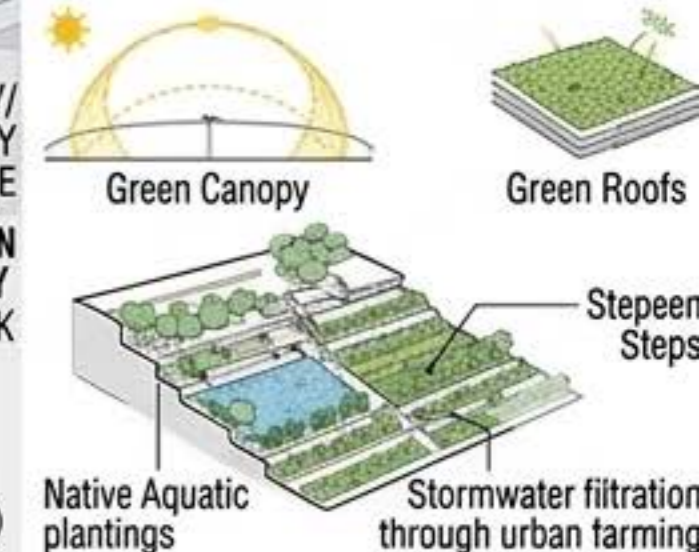
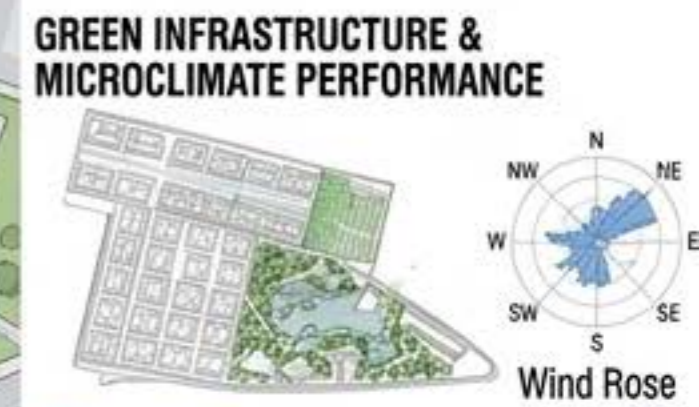
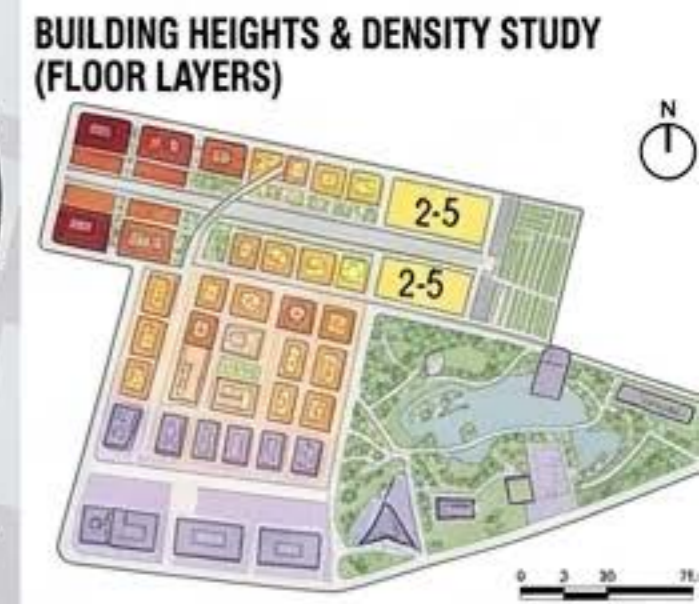
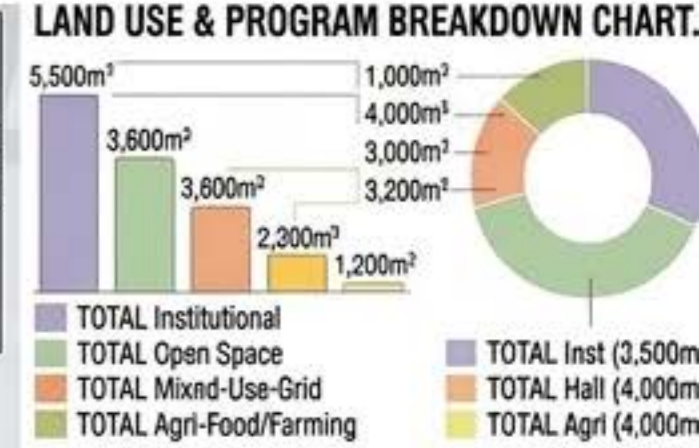
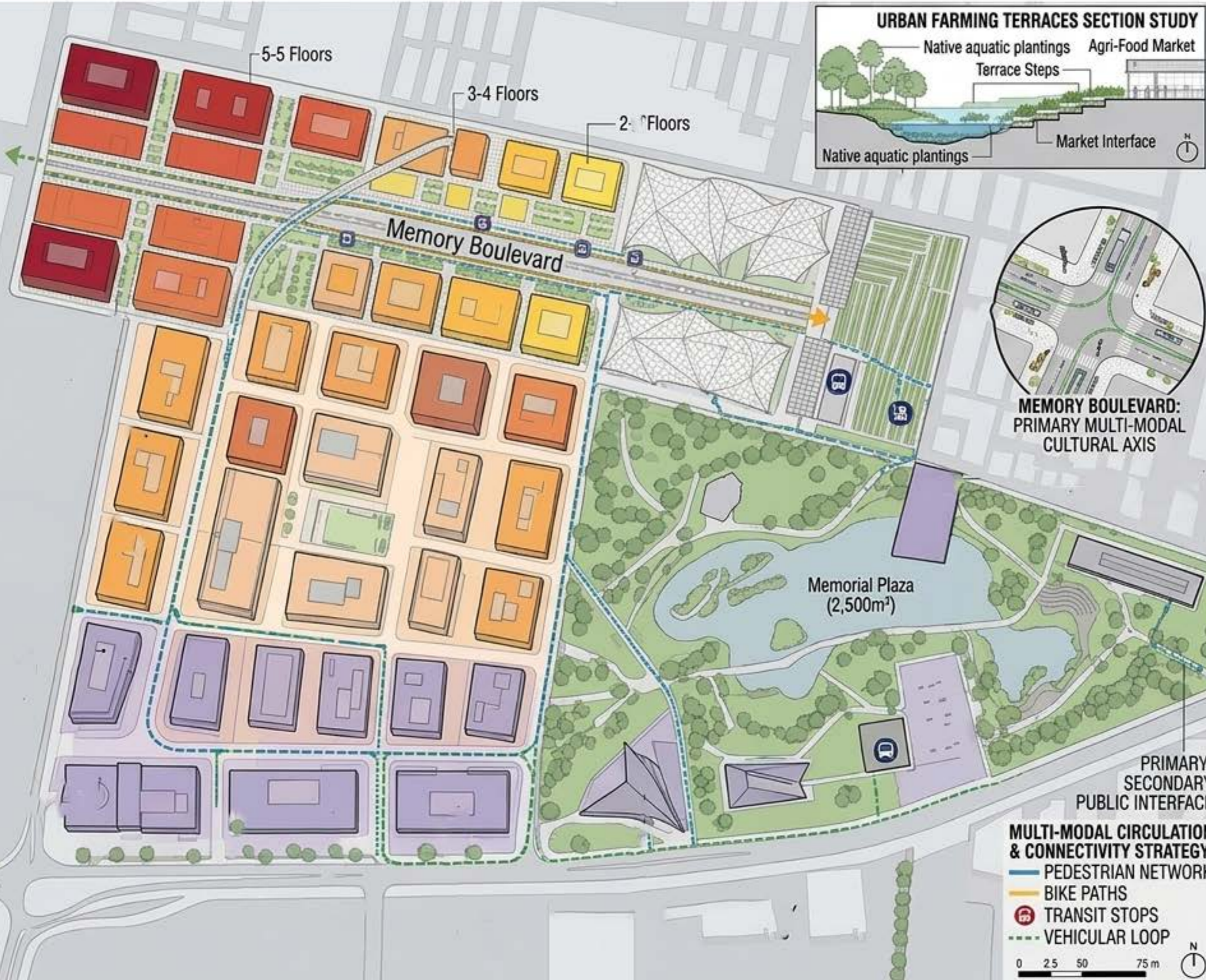


# AGRI-FOOD COMMONS & URBAN FARMING TERRACES



# STRATEGIC MASTERPLAN PERSPECTIVE





# ARSENAL MEMORY PARK - COMPREHENSIVE ARCHITECTURE & URBAN STUDIES

## Multi-Modal Circulation and Connectivity Map

- Primary Pedestrian Routes
- Secondary Paths and Looping Walks
- Bicycle Network
- Memory Boulevard
- Service Access and Delivery

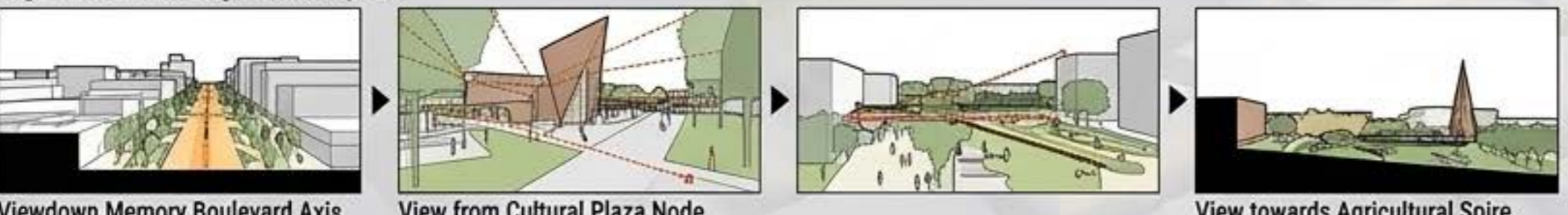
## Multi-Modal Circulation and Connectivity

- Primary Pedestrian Routes
- Secondary Paths and Looping Walks
- Bicycle Network
- Memory Boulevard Integrated Micro-mobilitat Axis
- Service Access and Delivery Loading nodes at Agri-Food Market

## Functional Zoning and Program Analysis

- Institutional/Cultural (Hieterturm, Gallery, Pavilions)
- Mixed-Use Residential/Commercial Grid
- Agri-Food/Productive Landscape (Urban Farming)
- Open Space (Plaza, Amphitheater, Park)

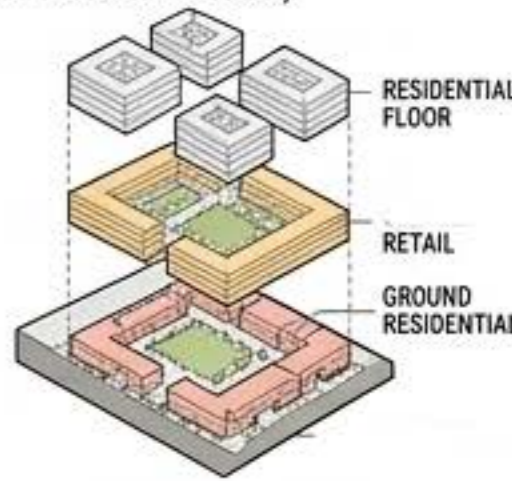
## Sightline and Viewpoint Analyses



5 FLOORS  
4 FLOORS  
3 FLOORS



## EXPLODED MASSING AXON (MIXED-USE GRID BLOCKS)



## GREEN INFRASTRUCTURE PERFORMANCE



## PHASING STRATEGY & MAP



## DETAILED MOBILITY HUB STUDY



Agri-Food Market

Urban Farming

Concert Hall (4,000m<sup>2</sup>)

Hieterturm and Exhibition Pavilion (1,500m<sup>2</sup>)

# ARSENAL MEMORY PARK - MASTERPLAN, ACCESSIBILITY & MULTI-MODAL CIRCULATION



- LEGEND**
- Heatmap of Accessible Routes
- High
  - Moderate
  - Low
  - Larg
- ACCESSIBILITY**
- Accessible Routes
  - Accessible Routes
  - Accessible Ramps
  - Tactile Paving
  - Restroom
  - Elevator
- CIRCULATION**
- Public Flow
  - Residential Flow
  - Cycling Path Line
  - Emergency/Service Path Line
  - Multi-modal Transit Hub
  - Transit Frequency Info
  - Bike Share STATIONS
- ZONING (Supportive Wash)**
- Institutional
  - Commercial
  - Open Space
  - Residential

MEMORY BOULEVARD: PEDESTRIAN ENTRANCE AXIS



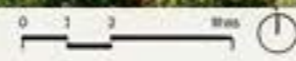
MEMORY BOULEVARD: PEDESTRIAN ENTRANCE AXIS



URBAN FARMING & AGRI-FOOD COMMONS



URBAN FARMING & AGRI-FOOD COMMONS

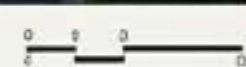


MEMORY CLUSTER & PARK AMENITY



- ① Historical Exhibition Pavilion
- ② Immersive Audiovisual Showroom
- ③ Memorial Art Gallery

MEMORY CLUSTER & PARK AMENITY



ARCHITECTURAL DETAIL & TERRACED GREEN ROOFS



ARCHITECTURAL DETAIL & TERRACED GREEN ROOFS

