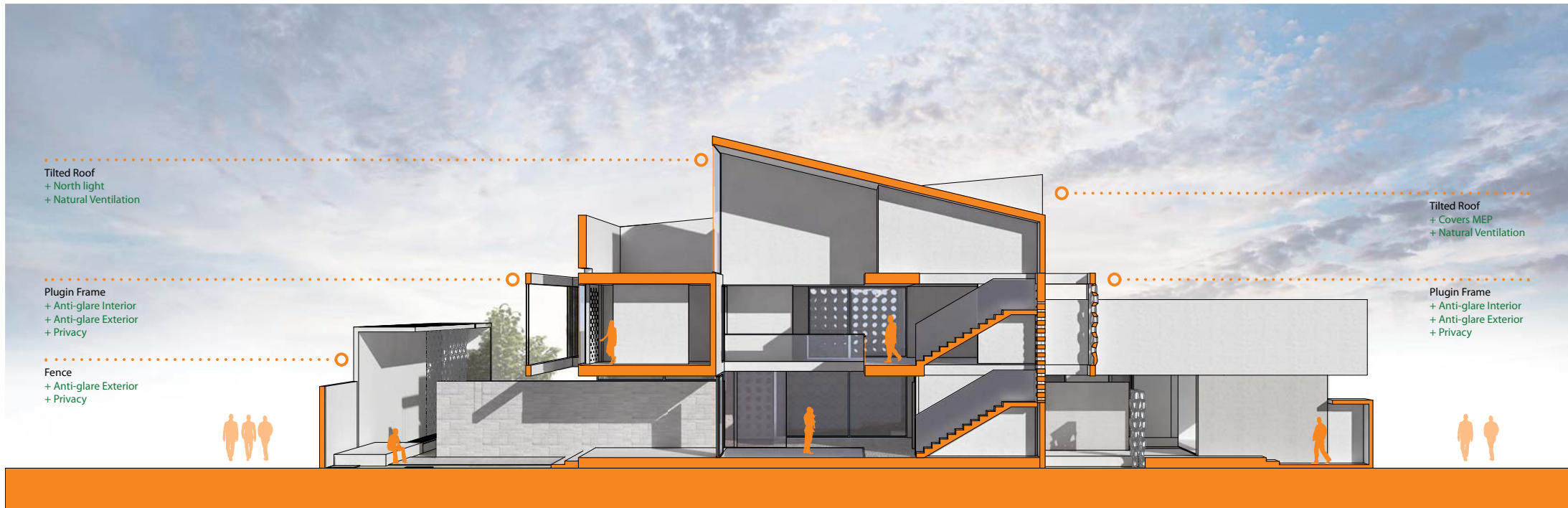




# ALDAR | OFF-GRID Sustainable Villa

Abu Dhabi | UAE





# Villa | Schematic Section

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## Villa Basic | Street View

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# Villa | Family Garden

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# Villa | Indoor Courtyard

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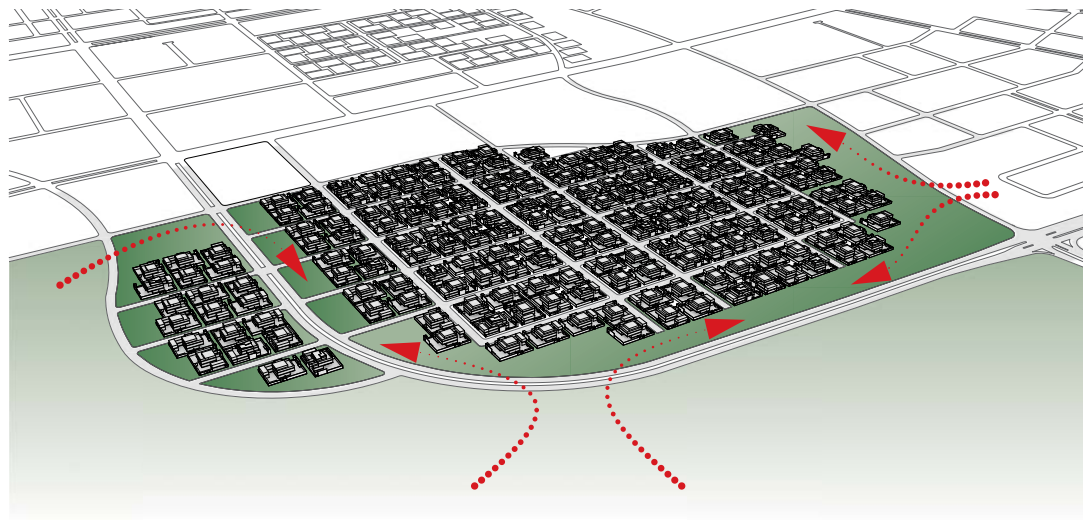
# Villa | Main Garden

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Urban 250 Villas

- No extension of greenbelt to district
- Higher Density
- No public plazas



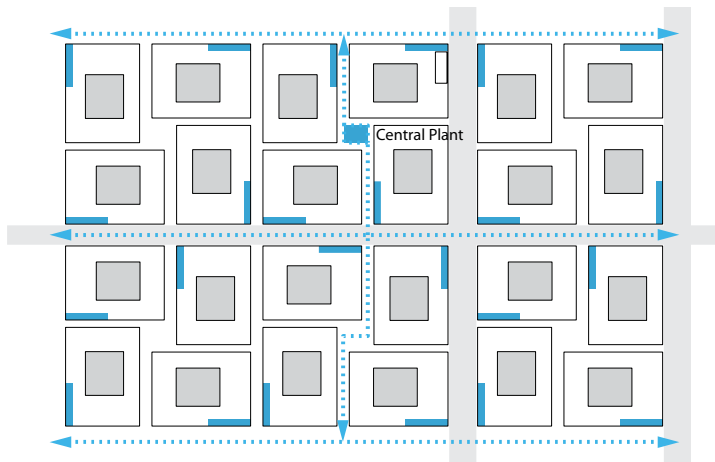
Urban 225 Villas

- + Extension of greenbelt to district
- + Creation of public plazas
- + Human friendly density

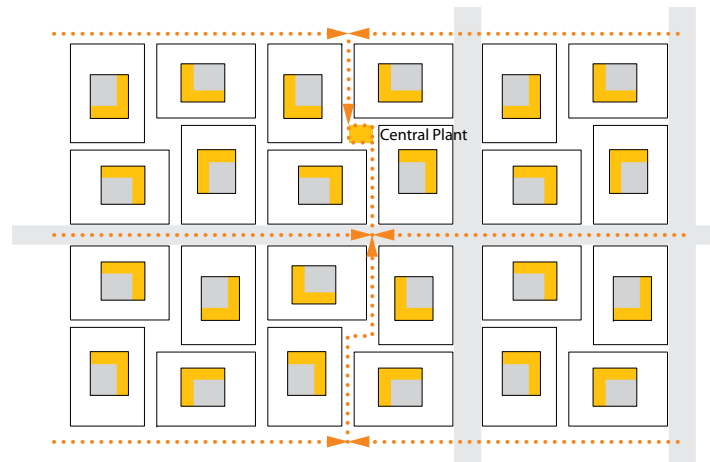
# Masterplan

ALDAR | OFF-GRID Sustainable Villa

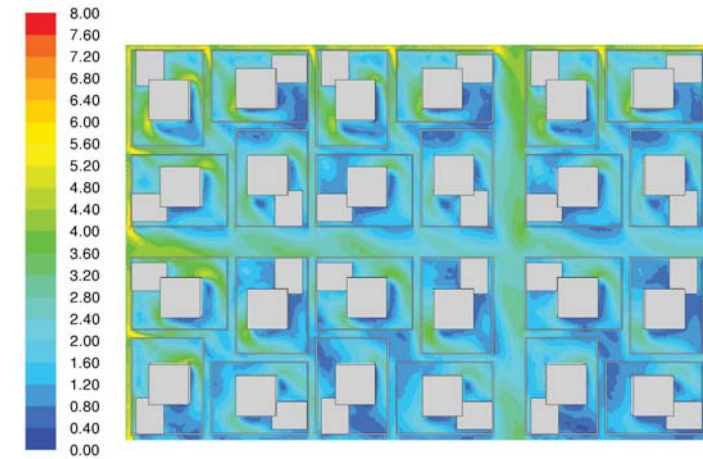




Adapted Masterplan | Cluster Supply scheme cooling system



Adapted Masterplan | Cluster Supply scheme PV centralized



Adapted Masterplan | Cluster Wind Analysis

# Masterplan

ALDAR | OFF-GRID Sustainable Villa







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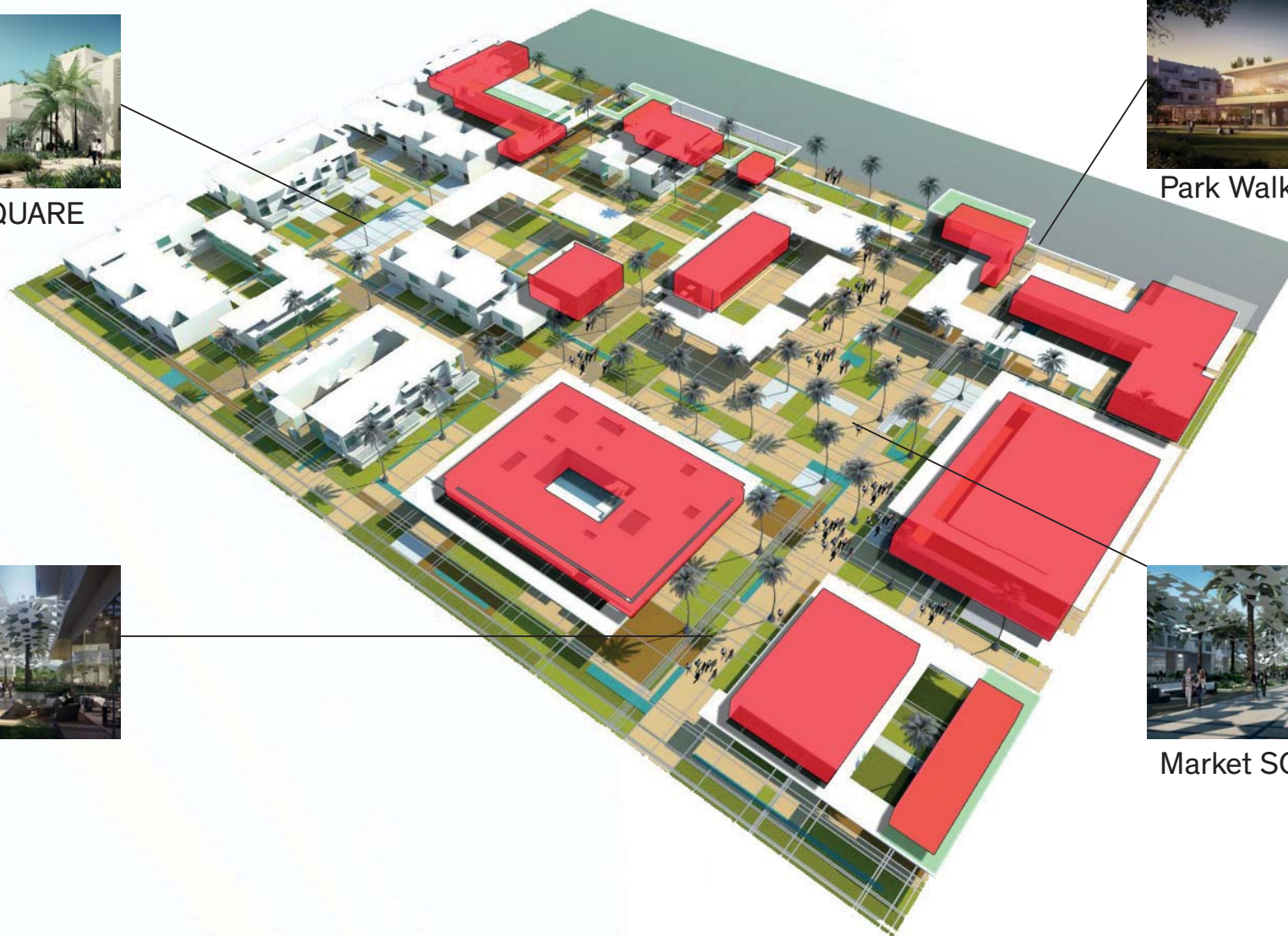
## Urban Interactions - Distinct Neighbourhoods



Residential SQUARE



Park Walk



Boulevard



Market SQUARE

Schematic Design Public Space/Public Life

Scenario Blocks and Square

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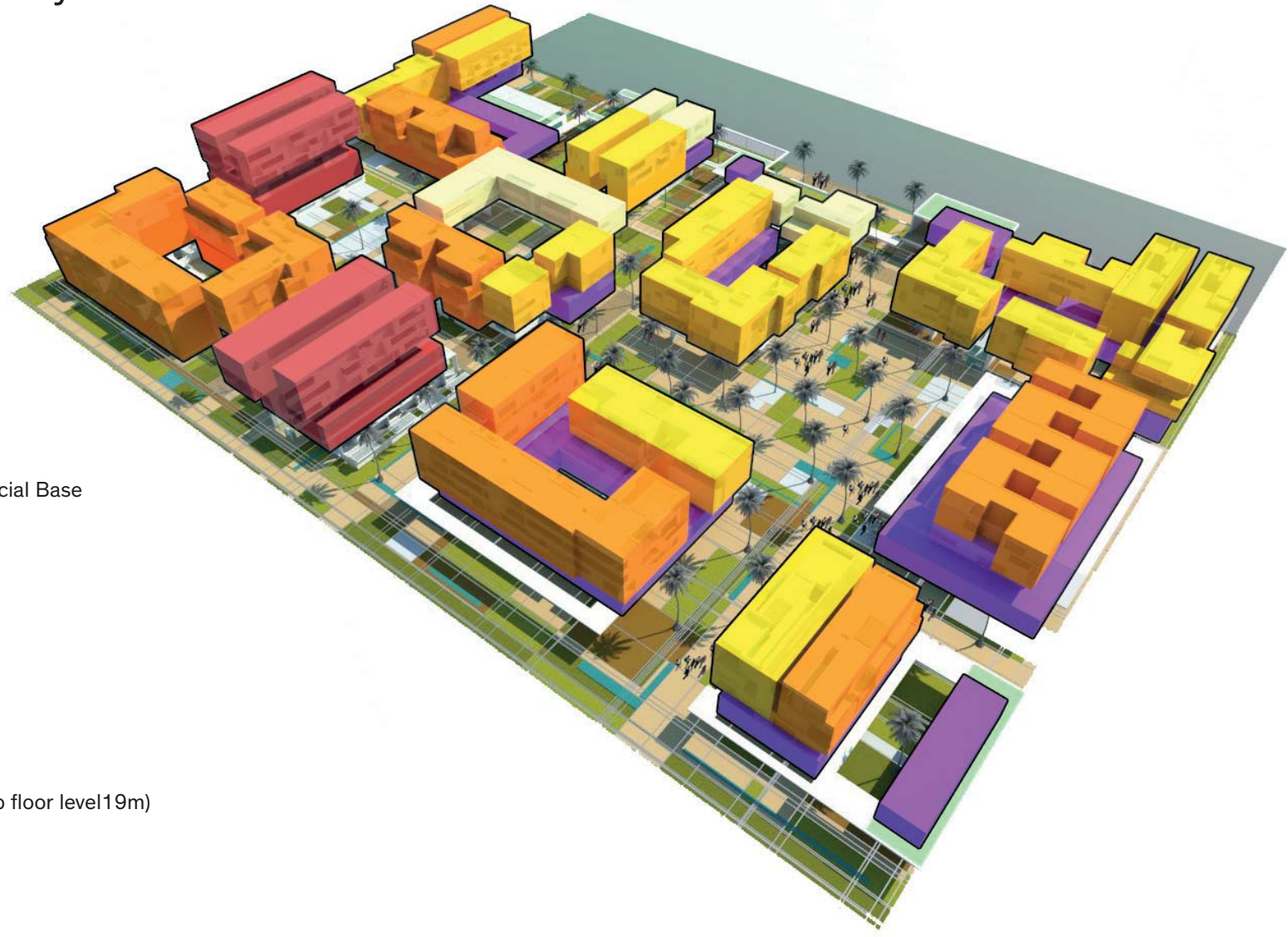
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







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# Urban Density



-  Commercial Base
-  G+2
-  G+3
-  G+4
-  G+5 (top floor level 19m)

Schematic Design Public Space/Public Life

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View from Park

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North East Corner , Residence with Commercial Base

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Main Boulevard through to Square and Park  
Scenario Blocks and Square





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Boulevard to Park with Residential and Commercial Areas

Scenario Blocks and Square



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View from Park to Pavillion and Walk

## Scenario Blocks and Square

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View from from Serviced Apartments adjacent to park

# Scenario Blocks and Square

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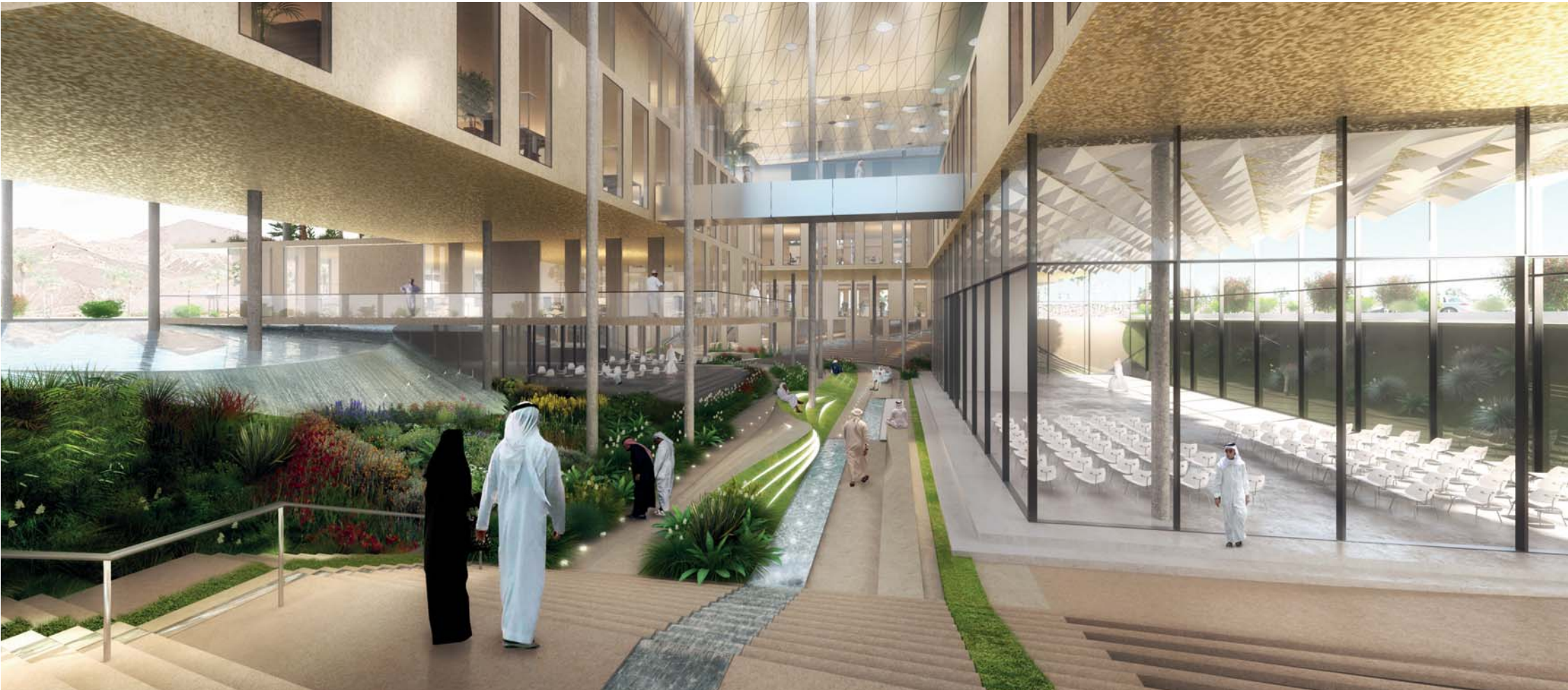


Al Ain | UAE Layered Gardens

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Layered Gardens **Sunken garden | Crossroad 2**





Layered Gardens **Sunken garden | Oasis**

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Layered Gardens Perspective Zoo

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