ALDAR | OFF-GRID Sustainable Villa
Abu Dhabi | UAE
Villa | Schematic Section

ALDAR | OFF-GRID Sustainable Villa

Plugin Frame + Anti-glare Interior + Privacy

Tilted Roof + North light + Natural Ventilation

Fence + Anti-glare Exterior + Privacy

$PWFST.&1

Chaabi Architecture & Partner ZT GmbH Austria EU Vienna 1070 Lindengasse 4/12+43 (0)1 532 79 52-0 fax +43 (0)1 922 95 19 office@chalabi.at www.chalabi.at
Villa Basic | Street View

ALDAR | OFF-GRID Sustainable Villa
Villa | Family Garden
ALDAR | OFF-GRID Sustainable Villa
Villa | Indoor Courtyard

ALDAR | OFF-GRID Sustainable Villa
Villa | Main Garden

ALDAR | OFF-GRID Sustainable Villa
Masterplan

ALDAR | OFF-GRID Sustainable Villa

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

250 Villas

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

225 Villas

ALDAR | OFF-GRID Sustainable Villa

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

250 Villas

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

225 Villas
Masterplan

ALDAR | OFF-GRID Sustainable Villa

Supply scheme cooling system

Supply scheme PV centralized

Wind Analysis
Urban Interactions - Distinct Neighbourhoods

Residential SQUARE

Park Walk

Boulevard

Market SQUARE

Scenario Blocks and Square
Urban Density

Schematic Design Public Space/Public Life

Scenario Blocks and Square
View from Park

Scenario Blocks and Square
North East Corner, Residence with Commercial Base

Scenario Blocks and Square
Main Boulevard through to Square and Park

Scenario Blocks and Square
Scenario Blocks and Square

Boulevard to Park with Residential and Commercial Areas
View from Park to Pavilion and Walk

Scenario Blocks and Square
View from Serviced Apartments adjacent to park

Scenario Blocks and Square
Layered Gardens

Al Ain | UAE
Layered Gardens

Sunken garden | Crossroad 2
Layered Gardens

Sunken garden | Oasis