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### *General information*

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- Location: Umm Fannain, Sharjah (next to Rahmaniya)
- Plot area: 7.2 million sq.ft.
- Gated community
- Project breaks down into Residential and mixed use area
- Residential area has 1120 villas ranging from 2035 sq.ft to 3630 sq.ft. (3 to 5 bedroom villas)
- High privacy featured back yards.
- All of the villas are able to accommodate a swimming pool
- 5 out of 9 types have provision for an elevator
- The city will have two gyms with swimming pools (ladies and gents), outdoor fitness stations, several outdoor kids play areas, Jumaa mosque and prayer rooms
- Utility park and visitors center will showcase different sustainability technologies and open to schools, universities and delegations.
- K-12 School will accommodate 1200 students / Curriculum will include sustainability education
- Mixed use area will have restaurants, cafes, gym, nursery, shops and a Jumaa mosque.

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### *Food*

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- The city will have 8 indoor farms producing food and will be irrigated by potable water
- The landscape will be productive
- Dedicated urban farming plots for residents

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### *Energy*

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- All the villas have solar panels on the roof
- Solar roof top panels will cover the energy demand of the villas
- Energy Use Intensity (EUI) 80 Kwh/m<sup>2</sup>/year as compared to UAE average of 330 Kwh/m<sup>2</sup>/year and 160Kwh/m<sup>2</sup> per green codes



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### *Water*

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- All villas will be equipped with high efficiency water fixture to reduce water demand
- Waste water from the city will be treated and polished to very high quality water that will be used for irrigation of landscaping
- Water demand will be 160 L/cap/day as compared to UAE average of 550 L/cap/day and 250-350 L/cap/day per green codes

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### *Products*

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- Highly insulated walls and Windows
- Highly efficient cooling system
- Highly efficient home appliances and lighting

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### *Mobility*

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- Connected to the public transportation
- EV chargers to promote the use of electrical vehicles
- Autonomous electrical shuttle
- Cycling and jogging tracks

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### *Waste*

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- Waste in the city will be segregated and waste collection will be managed by Bee'ah