California has experienced the state’s hottest drought years since recorded history over the past 10 years. As a result, many of the state’s water resources are being strained and the water shortage is expected to continue. As a response, the state government, such as the CARB (California Air Resources Board) and CALFIRE (California Department of Forestry and Fire Protection), has implemented a series of policies to conserve water and energy resources by following a series of recommendations on water and energy conservation measures. This has led to a reevaluation of building design and construction practices to make buildings more efficient in energy and water consumption.

PROJECT ABSTRACT

Our H2Ouse - Zero Net Energy House

EXECUTION AND CONSTRUCTION

Our H2Ouse is an energy-efficient home with a net zero energy and water balance. The house is designed to generate and store enough energy to meet its annual energy needs and to reduce its water consumption. The house is constructed using sustainable materials and energy-efficient systems. The house is designed to minimize its environmental impact and to provide a comfortable living environment.

GRAPHIC ASSEMBLY

Our H2Ouse is designed to minimize its environmental impact and to provide a comfortable living environment. The house is constructed using sustainable materials and energy-efficient systems. The house is designed to generate and store enough energy to meet its annual energy needs and to reduce its water consumption. The house is designed to be energy-efficient and to reduce its environmental impact.

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