

BLUE FOLDER ITEM

Blue folder items are additional back up material to administrative reports and/or public comments received after the printing and distribution of the agenda packet for receive and file.

HARBOR COMMISSION MEETING April 11, 2022

L.2. DISCUSS AND PROVIDE INPUT REGARDING POTENTIAL PROGRAMMING OF A FUTURE EDUCATIONAL FACILITY AT THE WATERFRONT

Attachments: Presentation by Thomas Grimm

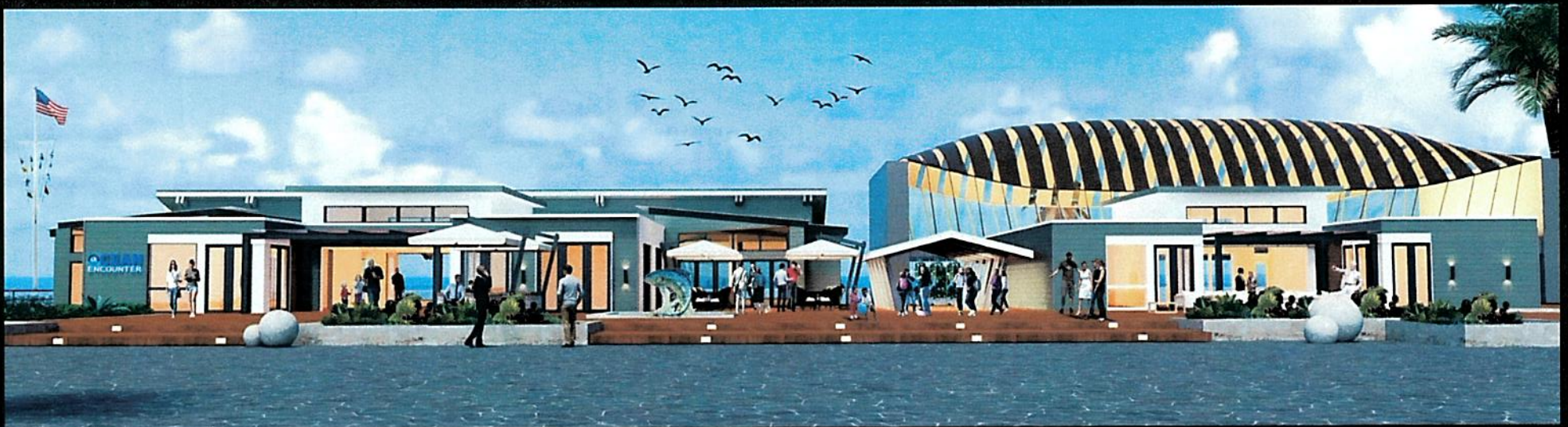
CONTACT: GREG KAPOVICH, WATERFRONT & ECONOMIC DEVELOPMENT DIRECTOR

The logo features a circular emblem on the left. Inside the circle, there is a stylized blue wave at the bottom. Above the wave, there are two small blue circles of different sizes, one slightly to the left and one slightly to the right, resembling bubbles or droplets. The word "OCEAN" is written in a large, bold, dark blue sans-serif font to the right of the emblem. Below "OCEAN", the word "ENCOUNTER" is written in a slightly smaller, bold, light blue sans-serif font.

OCEAN ENCOUNTER

Ocean Encounter will be established as a non-profit organization to engage and deepen our connection with the coastal environment, to promote benefits of seafood for sustained brain and heart health beginning at conception and continuing throughout our lifetimes, and to address the issues of seafood insecurity and sustainability.

OCEAN ENCOUNTER



Augmented Reality, Restoration Aquaculture,
Aquaponics Gardens and Studio Kitchen



Aquaculture

Habitat Restoration,
Demo and Training

Augmented Reality

Encounter Exhibits
Marine Drone Simulators

Studio Kitchen

Public Food Gardens
& Public Education

Aquaponics

Public Food Gardens
& Public Education

Conferences

Teacher Workshops
and Public Forums

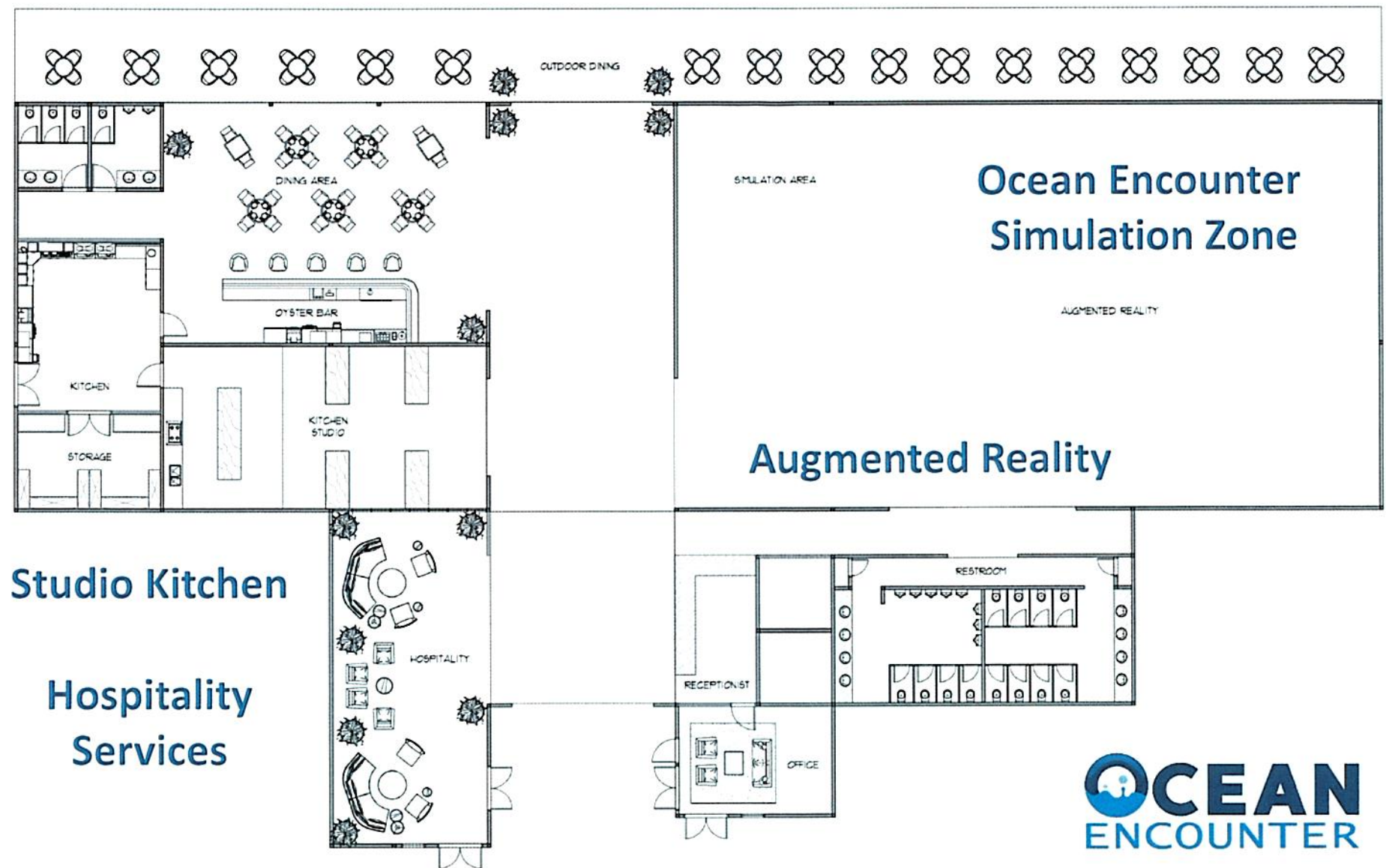
Ocean Culture

Performing Arts &
Harvest Festivals

OCEAN ENCOUNTER

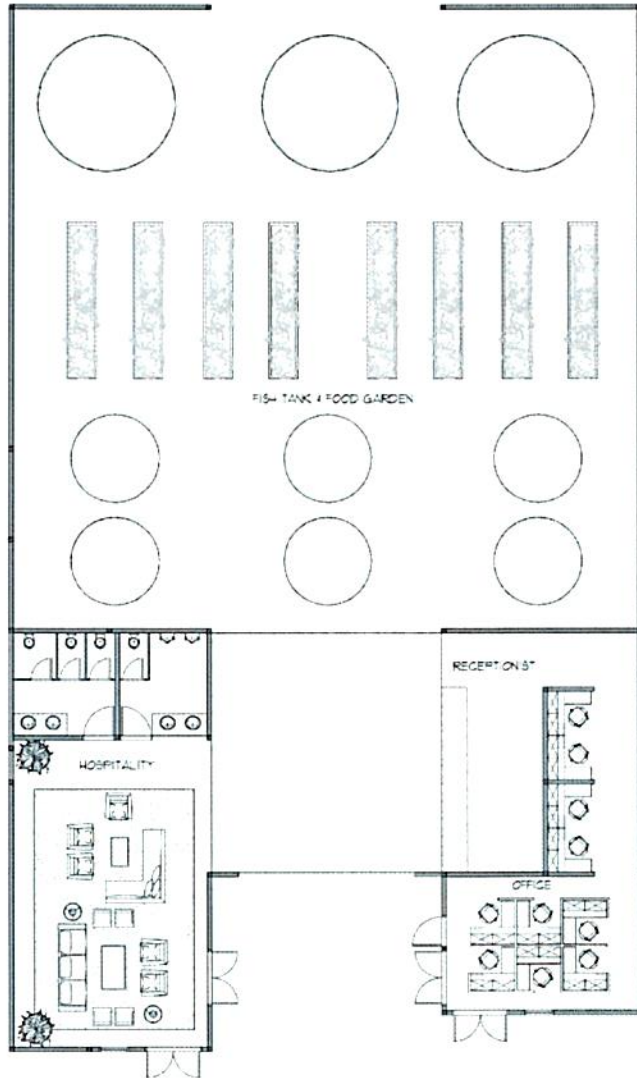


Augmented Reality, Restoration Aquaculture,
Aquaponics Gardens and Studio Kitchen



Ocean Encounter Conceptual Space Plan

Aquaponics Garden



OCEAN
ENCOUNTER



Ocean Encounter

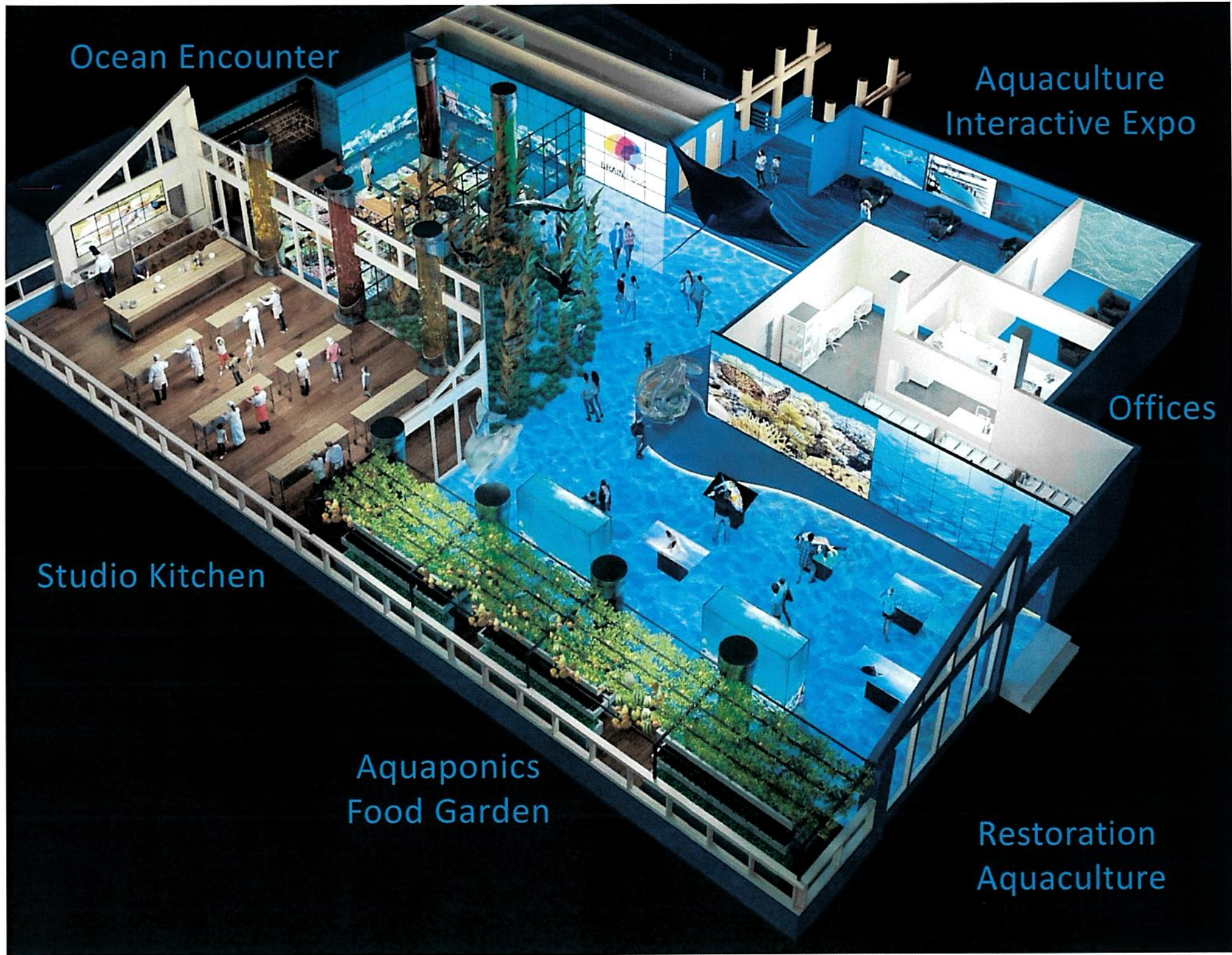
Aquaculture
Interactive Expo

Offices

Studio Kitchen

Aquaponics
Food Garden

Restoration
Aquaculture





Augmented Reality

Studio Kitchen

Aquaponics
Gardens

Reception



Visitors explore immersive coastal habitats where marine life behaves and responds to the visitor's every motion.

QYSEA

EXPERIENCE THE UNDERWATER WORLD



Consumer OMNI-4K Underwater Robot

FIFISH V5
UNDERWATER ROBOT

Escape to the Ocean



QySea Founder
Belinda Zhang

Concept Proposal

2022

Ocean Encounter Portal



Thomas Grimm
Brain Food Entertainment
3/5/2022

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OCEAN ENCOUNTER



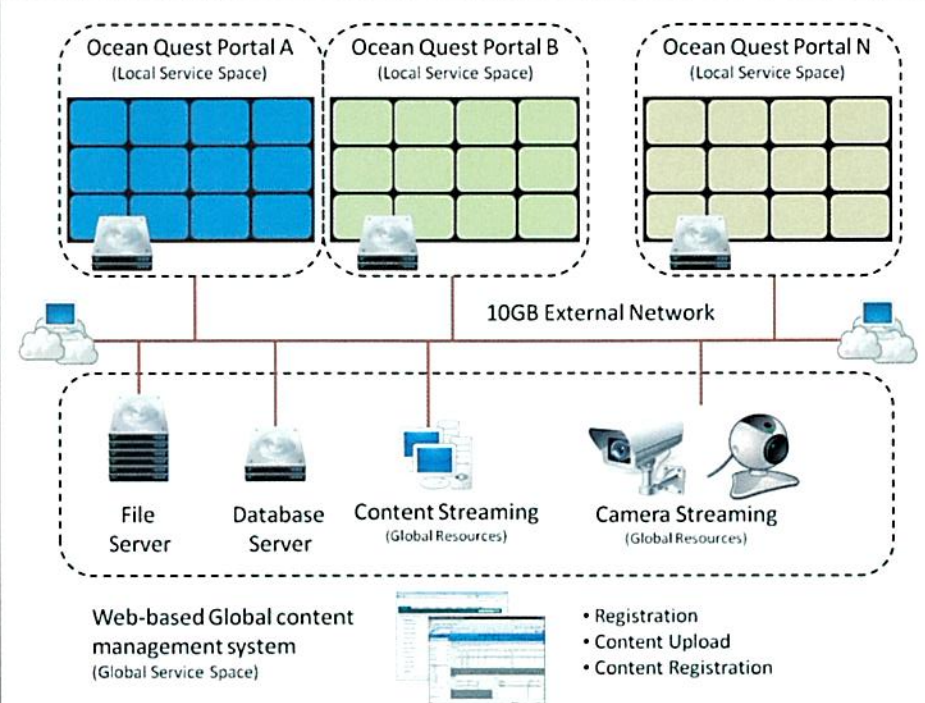
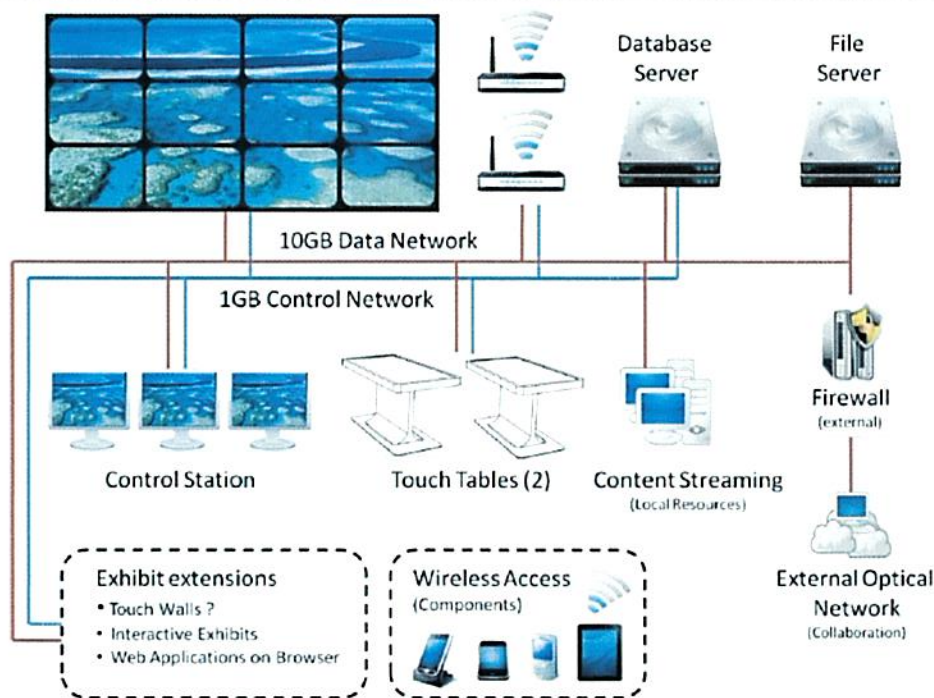
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Virtual and Augmented Reality



*In addition to Augmented Reality **Ocean Encounter** utilizes interactive visualization to enliven the visitor experience in exploring diverse marine habitats by delivering intimate, entertaining and transformative encounters without headsets that inform the public about the challenges facing the World Ocean, and to inspire and engage people with a sense of exploration, discovery, wonder and adventure.*

OCEAN ENCOUNTER



Ocean Encounter's Hiperwall backend portal layout and global service management architecture

OCEAN ENCOUNTER



Apprentice Chefs



Studio Kitchen



AQUAPONICS GARDENS



OCEAN ENCOUNTER

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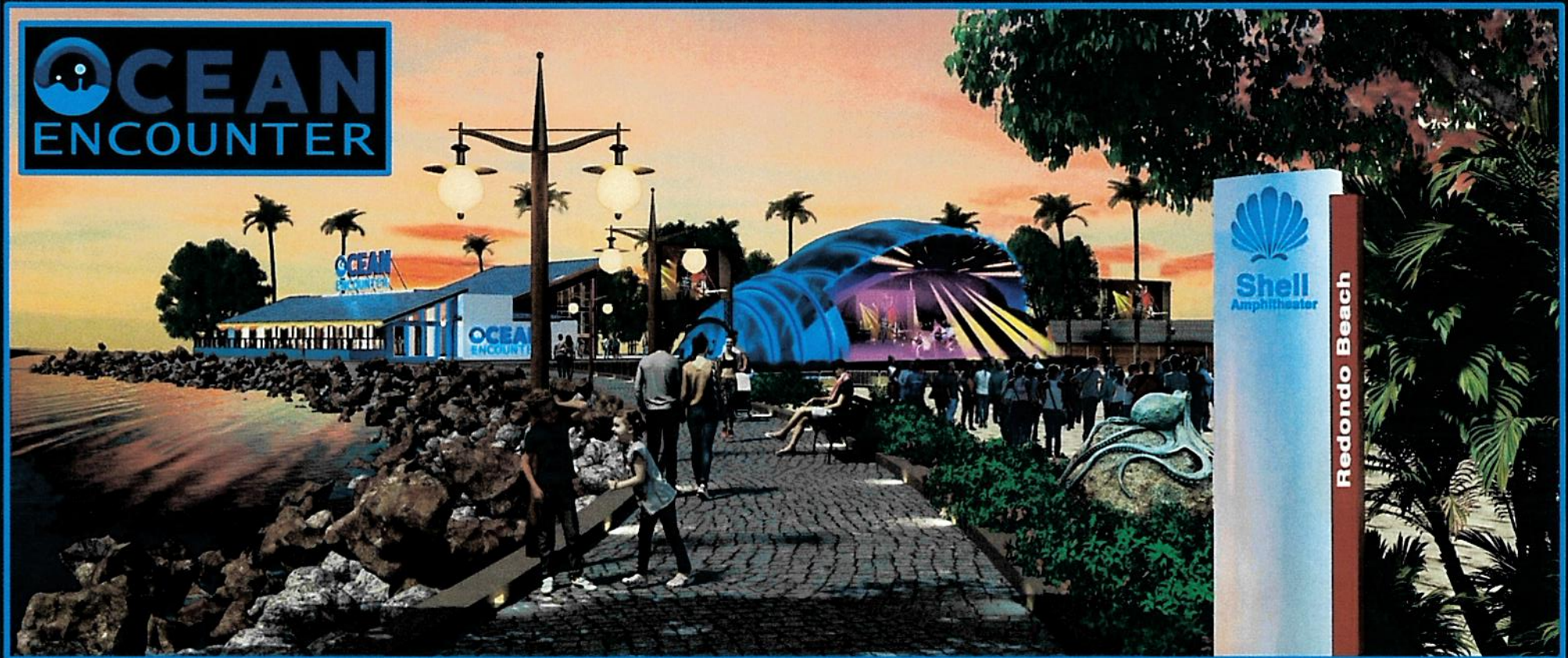
AQUAPONICS GARDENS



BROADCAST STUDIO KITCHEN



Ocean Encounter is a nexus of immersive Augmented Reality of coastal habitats, restoration aquaculture, sustainable seafood, health, community engagement and connection of Redondo Beach with diverse, healthy coastal ecosystems



Solar-powered bandshell with lithium battery arrays under the stage