

From: [Mark L Hansen](#)
To: [CityClerk](#); [Eleanor Manzano](#)
Subject: D.5 Aviation Park & D.2 Pickleball Courts
Date: Tuesday, May 3, 2022 3:37:53 PM
Attachments: [041122 HC Ocean Encounter.pdf](#)

CAUTION: Email is from an external source; Stop, Look, and Think before opening attachments or links.

To City Council
Subject: **D.5 Aviation Park and D.2 Pickleball Courts**

At the last meeting of the Harbor Commission, they received a presentation from Thomas Grimm, of the 'Carlsbad Aquafarm', proposing a very impressive "Ocean Encounter" Educational Facility at the Joe's site. **It is attached.**

The Harbor Commission voted unanimously to recommend the preservation of the Joe's site for an Educational Facility, potentially to include our local "Waterfront Education" program and our local 'White Sea Bass' program.

This interrelates with the two agenda items tonight regarding a potential Aquatic Center/50-meter pool at Aviation Park (D.5), and potential Pickle Ball Courts at Aviation Park (D.2.)

During the Harbor Amenities Plan process, the consultants have recently provided three conceptual drawings for the Seaside Lagoon. Two of those included a lap pool and one actually extended the Lagoon's footprint to the north to encompass the Joe's site.

Many harbor enthusiasts have made the fairly obvious observations that:

- 1) A lap pool is not "*coastal-dependent*", and not even "*coastal-related*".
- 2) A lap pool would be much better situated somewhere further inland and warmer, not subject to the common marine layer and cold coastal winds.

Members of the community have suggested more 'coastal-related' amenities, including a small wave pool and potential scuba training, both of which could transition both kids and adults toward use of our beaches and ocean.

Item D.2 on the Pickle Ball Courts provides eight (8) different potential locations.

I recommend that the City Council consider utilizing one of the other seven (7) locations for the Courts. and preserve the Aviation Park location for the Aquatic Facility/50-meter pool, maintaining the Joe's site for Marine Education and the Lagoon site for more coastal related uses.

Fraternally,
Mark Hansen

HARBOR COMMISSION
MONDAY, APRIL 11, 2022
L.2

FUTURE EDUCATIONAL FACILITY AT THE WATERFRONT - Excerpts

The City of Redondo Beach is in the middle of a planning effort to establish a framework plan to improve and enhance various public amenities within the City's waterfront... Understanding that the various public amenities are interrelated and recognizing that these amenities set the framework for other public and

commercial activities within the Waterfront, the City has started the process of creating a comprehensive plan for the waterfront.

One specific element of the amenities plan is to create an educational facility. Staff has invited Thomas Grimm [Oyster Farm] to present an oral report at the Commission hearing to explore a potential programming idea for such an educational facility with an opportunity to field questions/comments from the Commission.

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

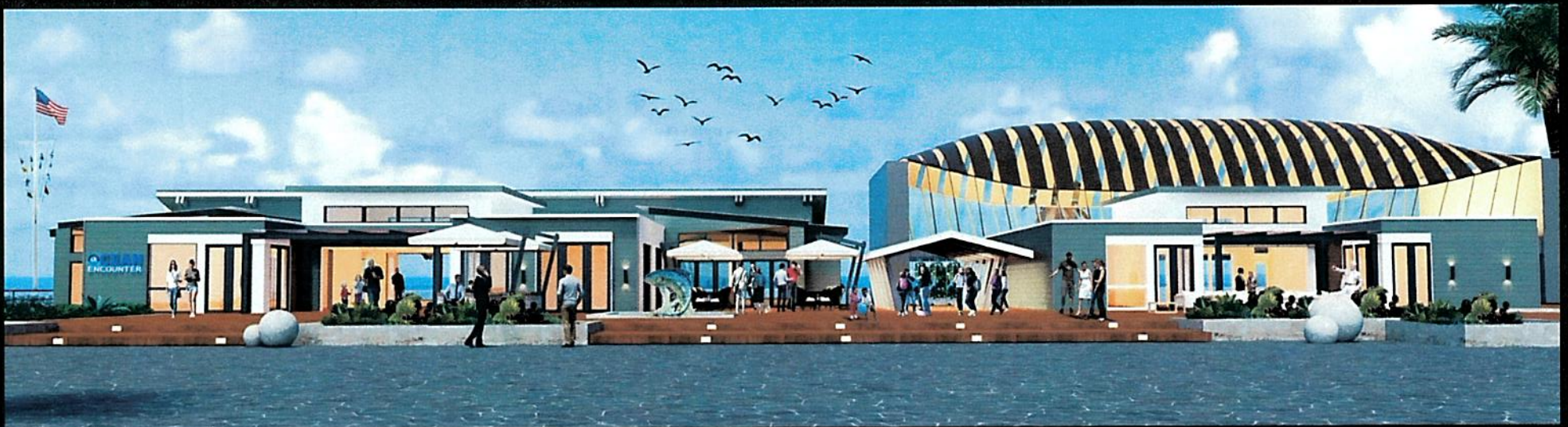
CONTACT: GREG KAPOVICH, WATERFRONT & ECONOMIC DEVELOPMENT DIRECTOR

The logo features a circular emblem on the left. Inside the circle, there are stylized blue waves at the bottom, a white splash in the center, and two small blue dots above the splash. To the right of the emblem, the word "OCEAN" is written in a large, bold, dark blue sans-serif font. 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

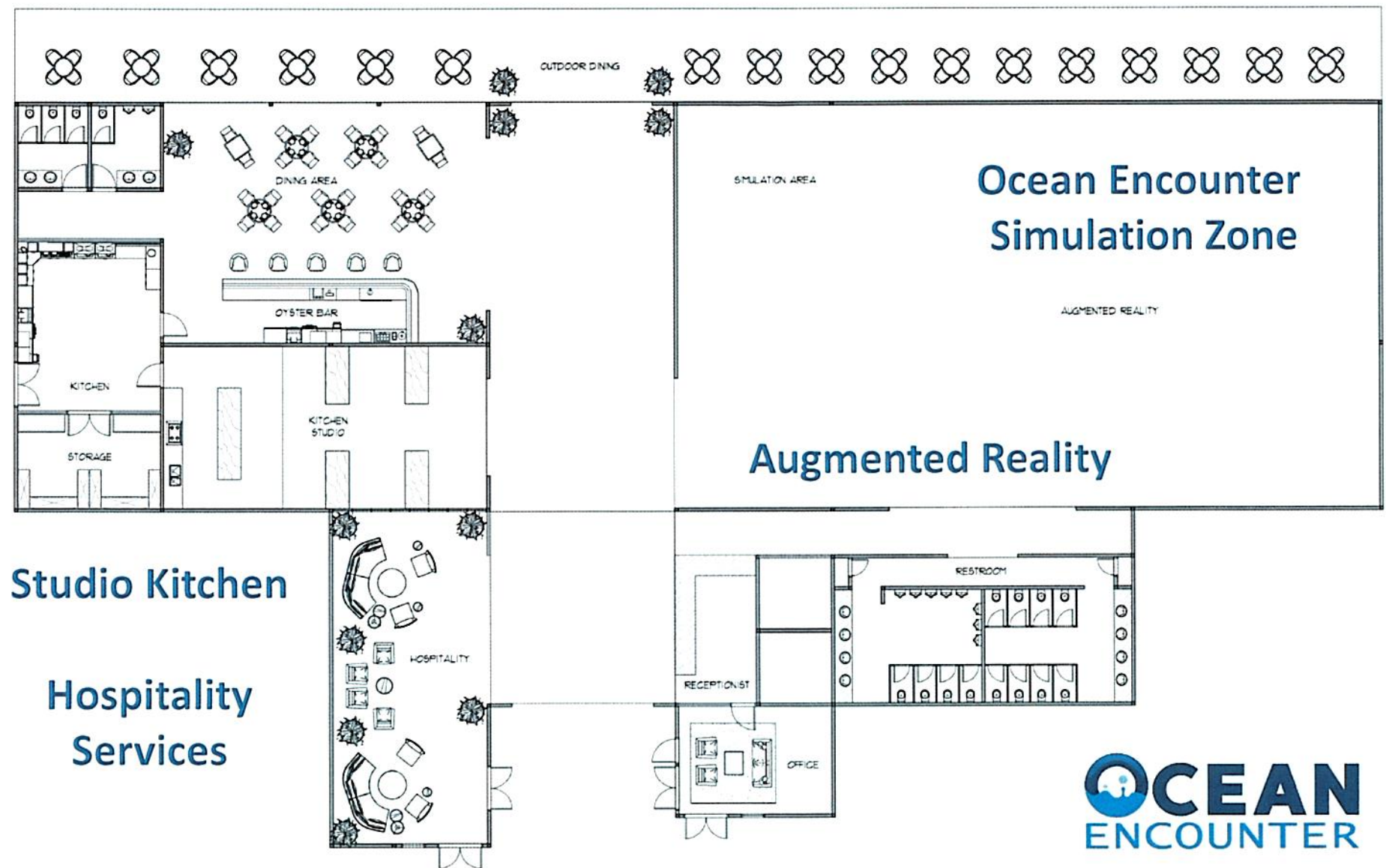
Ocean Culture

Performing Arts &
Harvest Festivals

OCEAN ENCOUNTER



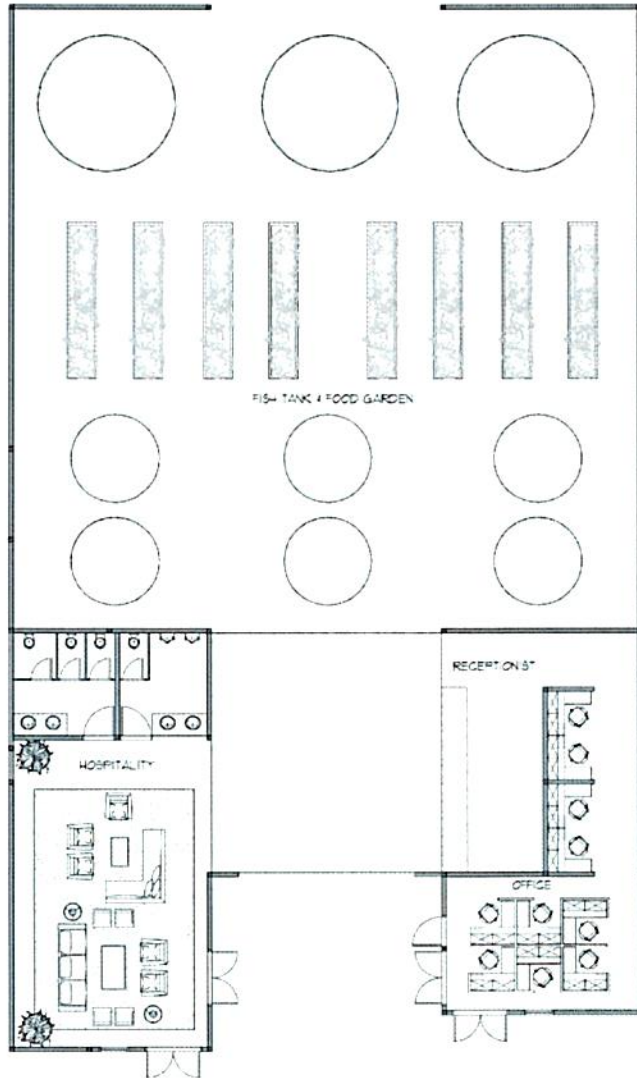
Augmented Reality, Restoration Aquaculture,
Aquaponics Gardens and Studio Kitchen



OCEAN
ENCOUNTER

Ocean Encounter Conceptual Space Plan

Aquaponics Garden



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Ocean Encounter

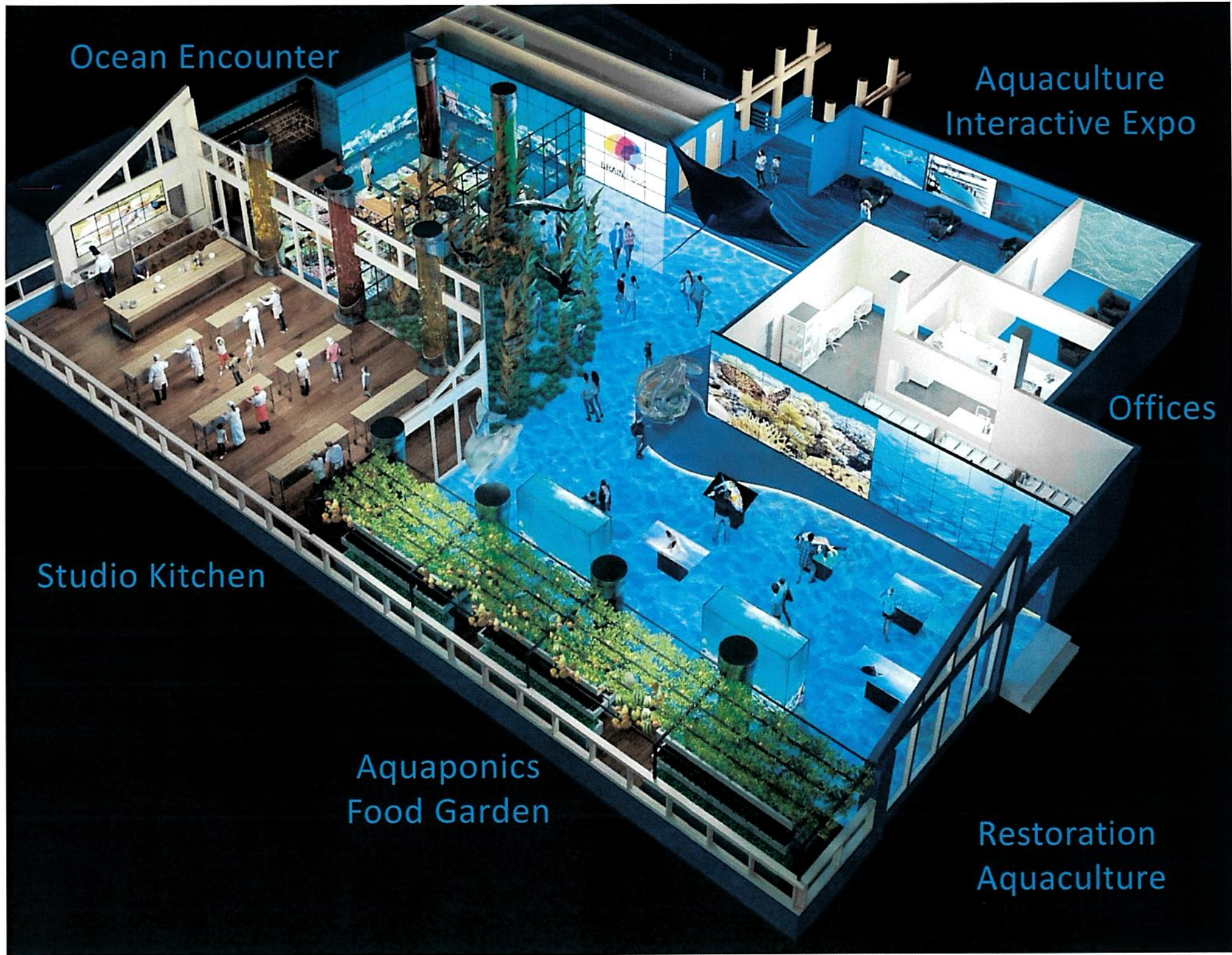
Aquaculture
Interactive Expo

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.*

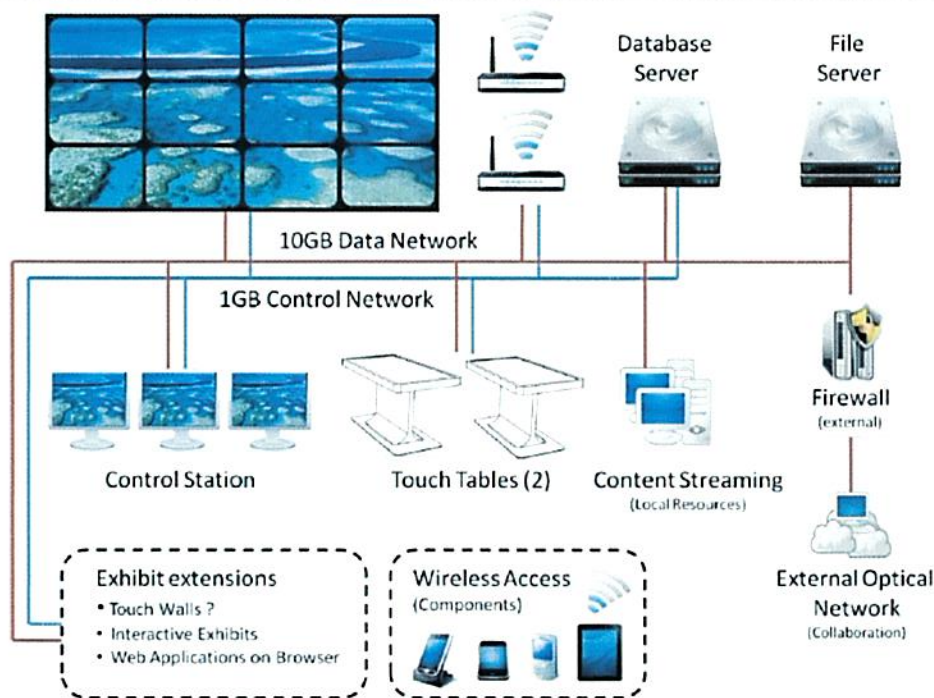


Figure 4: Basic Ocean Quest Portal Layout

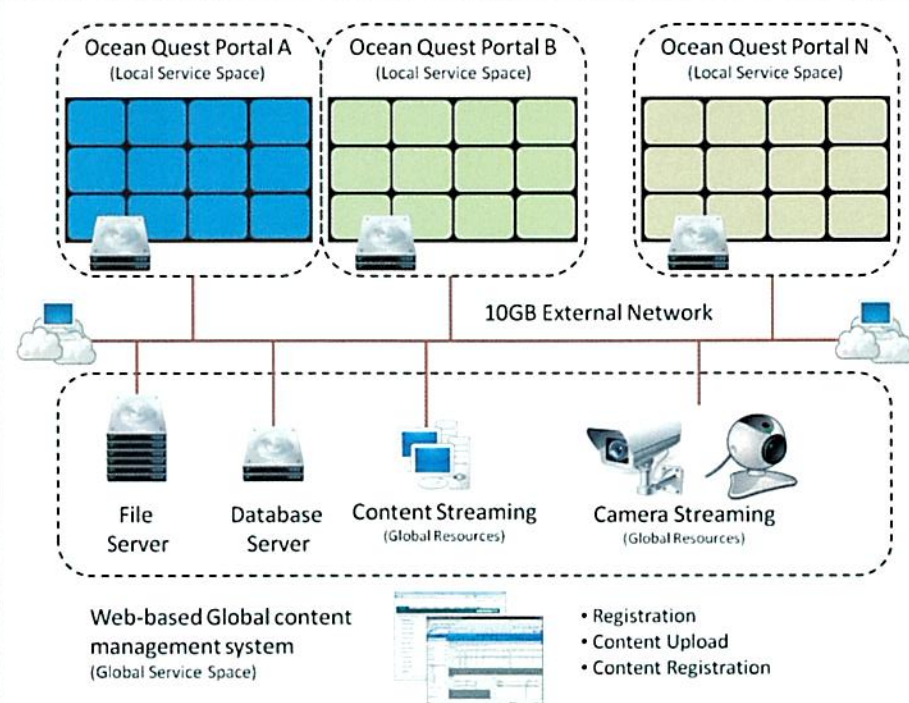


Figure 5: Global Service Management

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



Apprentice Chefs



Studio Kitchen



AQUAPONICS GARDENS



OCEAN ENCOUNTER

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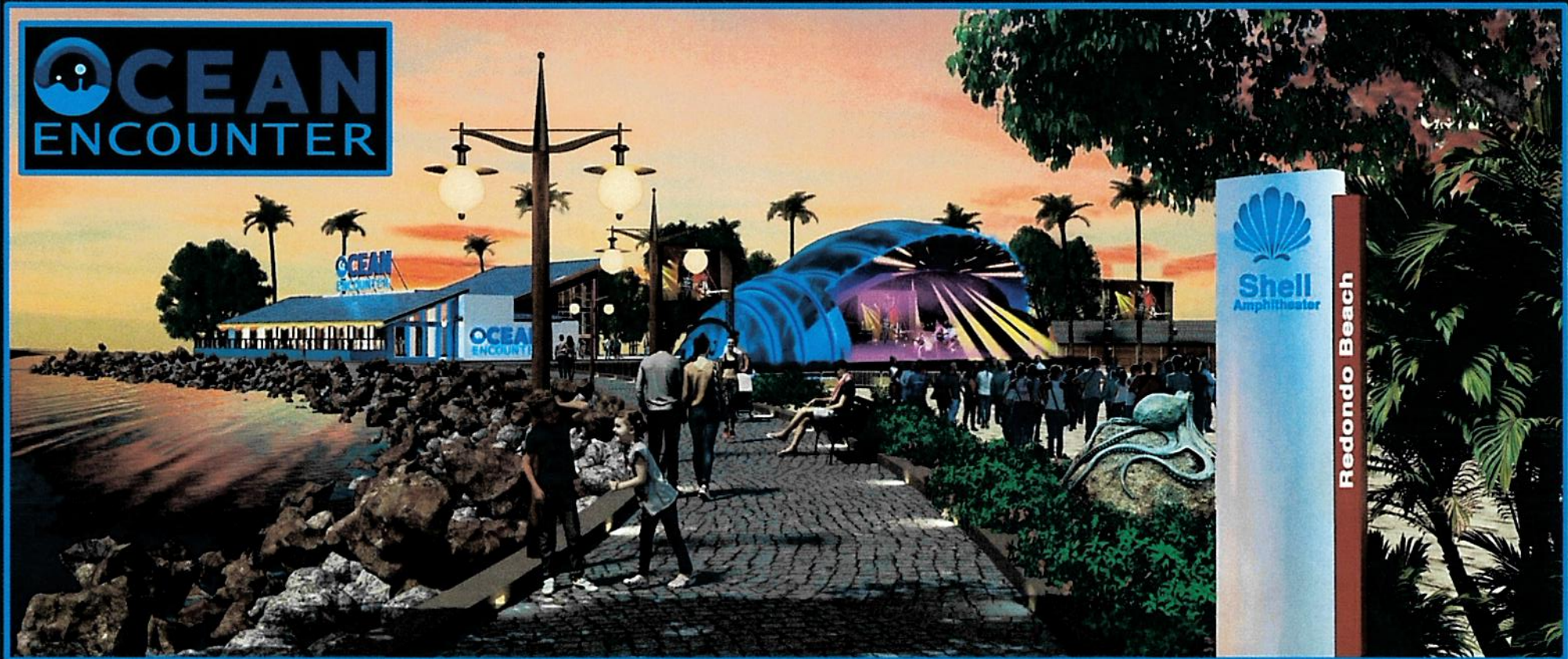
AQUAPONICS GARDENS



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