

TO CONCLUDE

summary



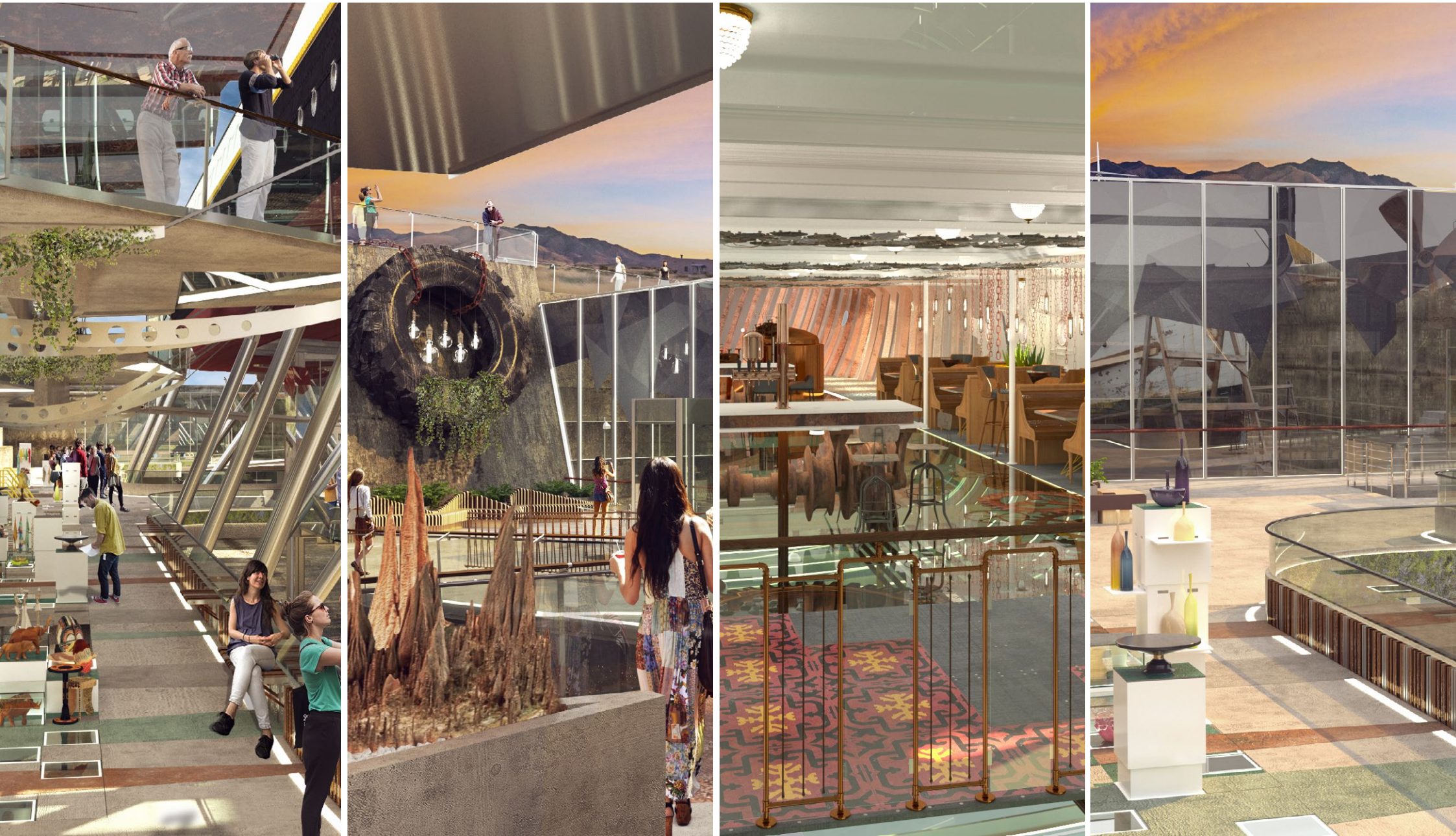


Figure 6.1. Proposed Inner and Outer Interior (Author, 2016)

CONCLUSION

*“Architecture should speak of its time and place,
but yearn for timelessness.*

Frank Gehry, 2013

The rationale and design of oceanic vessels has **evolved** exponentially throughout the progression of history. What was **originally instigated** to deed as a mere **arrangement of freight conveyance**, progressed into a thriving **hospitality industry** (Wealleans, 2006:25). Parallel to the development of a ship's resolution, its **interiority was also adapted to suit habitual evolution**. Resembling “an **epitome of indulgence and hospitality**” (Le Corbusier, 1987:95), the edifice of these opulent liners **embodied engineering triumph** of the twentieth century. As verbalised by a ship's lifecycle, at some juncture in time the vessel will be **classified as being unseaworthy** - thus declaring it decommissioned. As **opposed to the mere demolition** of these exultant structures, this study proposed the introduction of a **fourth ship-recycling alternative**.

The selection of **Robinson Dry Dock as host and the SS Nomadic as habitant**, allowed for the spatial intervention of a **retail-orientated and recreational facility** to be envisioned that **stimulates regional kinship and international association**. As the act of nautical engineering dictates structural integrity, the envisioned spatial intervention commanded no less. Dividing the proposed intervention into two distinct areas, the design of an **inner and outer interior was attained**. The position of such an outlandish intervention within

its surrounding setting provided **supplementary depth and stratum** to the existing fabric - an **architectural palimpsest**. In order to heighten the theory of encrusted design, the theoretical premise governed the **investigation of materiality**. Furthermore, the **fragile nature** of materiality was amplified via the investigation of **corrosion**. As opposed to traditional stances which dread this form of degradation, this study **encourages the prospect of corrosion as a tool of spatial beautification**. Upon tentatively founded implementation strategies, all material constituents, both proposed and existing, were either **protected** against, **preserved** from or **premeditated** towards corrosion, contingent to the envisioned **essence wished to be evoked**. Subsequently, a **Green-Star brand** is fashioned that **concedes the old and heartens the new** through a **holistic and sustainable methodology**.

As a result, it is noted with clear realisation that material **corrosion can act as a definite form of palimpsest**, which can either **migrate or overrule existing** fabric with the passing of time. As contended by Fred Scott (2008:96), the deed of interior alteration should **not merely embolden absolute restoration or inattentive demolition practices**, but encourage methods of **preservation** that revel in the **remembrance of what once was and possibility can be...**

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APPENDIX A - EXAMINATION & POSTERS





PROJECT SUMMARY

intention & contribution



As the world's largest and most complex mobile structure, ships are a significant part of our global infrastructure. The end-of-life of a ship is a complex process that requires a holistic approach to ensure the safe and responsible disposal of the vessel and its components.

CURRENT METHODS OF SHIP DISPOSAL

- SHIP REEFING
- STORAGE FACILITY
- SHIP BREAKING

PROPOSED ALTERNATIVE

PRAGMATIC RESPONSE

SUPPORTING PRINCIPLES

ENVIRONMENTAL RESPONSIBILITY


COMMUNITY ENGAGEMENT

SAFETY

WATER RESALINATION BREWERY

PROGRAM

THEORY



SHIP RECYCLING

disposal options

LIFE CYCLE OF SHIP

1. THE SHIP PLANNING
2. SHIP REEFING
3. SHIP STORAGE
4. SHIP BREAKING
5. SHIP RECYCLING


SHIP REEFING

STORAGE FACILITY

SHIP BREAKING

SHIP RECYCLING


the act of ship breaking



ENVIRONMENTAL AND OCCUPATIONAL HEALTH HAZARDS

SHIP RECYCLING COLLECTION


local contribution



2008-2010


2011-2013

2014-2016



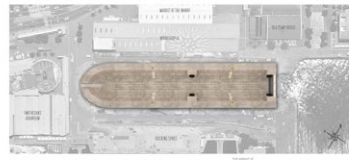
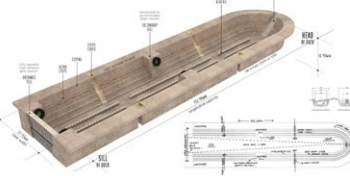


LOCATION

host selection



CAPE TOWN


ROBINSON DRY DOCK



CONTEXT

victoria & albert waterfront

PROPOSED CENTRE OF ROBINSON DRY DOCK



v & a waterfront 2020 vision

CHARTING

The 'CHARTING' section features three maps illustrating the evolution of the SS Nomadic's charting process. Each map shows the ship's deck layout with various charting equipment and structures. The maps are labeled with years: 1910, 1974, and 2012. A legend on the right of each map identifies the different components. A scale bar and a north arrow are also present.

VESSEL

habitant selection

Text describing the selection of inhabitants for the vessel.

deck configurations

Text describing the deck configurations of the vessel.

ss nomadic's timeline

1910	1945
1911	1958
1912	1963
1917	1974
1919	1977
1927	1993
1928	2002
1934	2003
1936	2006
1940	2008
	2012

The 'VESSEL' section is divided into three main parts. The first part, 'habitant selection', includes a photograph of the SS Nomadic. The second part, 'deck configurations', shows three diagrams for the years 1910, 1974, and 2012. The third part, 'ss nomadic's timeline', is a vertical timeline listing key events from 1910 to 2012, each accompanied by a small photograph. A large photograph of the SS Nomadic is at the bottom.

VESSEL

deck typologies

The 'VESSEL' section focuses on deck typologies. It features four diagrams showing different deck layouts, each with a corresponding photograph of the interior or exterior of the vessel. The diagrams are labeled with years: 1910, 1974, 1993, and 2012.

PRAGMATIC RESPONSE

beer taxonomy

Text describing beer taxonomy.

LAGER

WHEAT

PALE

PORTER

STOUT

SOUR

salt water beer

ER BOUQUERON

beer brewing process

The 'PRAGMATIC RESPONSE' section is divided into three main parts. The first part, 'beer taxonomy', lists various beer styles: LAGER, WHEAT, PALE, PORTER, STOUT, and SOUR, each with a small image of a bottle. The second part, 'salt water beer', features a bottle of 'ER BOUQUERON' salt water beer. The third part, 'beer brewing process', is a detailed diagram showing the steps of the brewing process: MALT, MASH, LAUTER, BOIL, COOL, FERMENT, and BOTTLE.

reverse osmosis

The 'reverse osmosis' section features a diagram showing the process of reverse osmosis, including a tank of 'DENSE WATER' and a membrane filter.

BRANDING

target market

identity reinforcement

branding

brewing experimentation

THEORY

corrosion

materiality

THEORY

materiality approach

stainless steel

approach application

PRECEDENTS

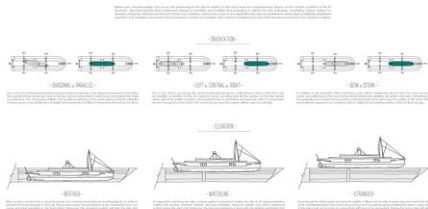
case study investigation

CONCEPTUALISATION

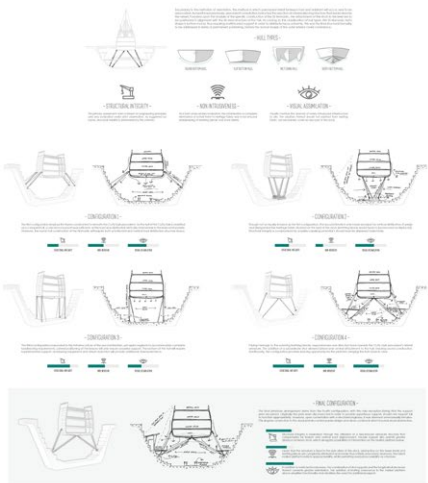
design considerations



berthing considerations



armature design

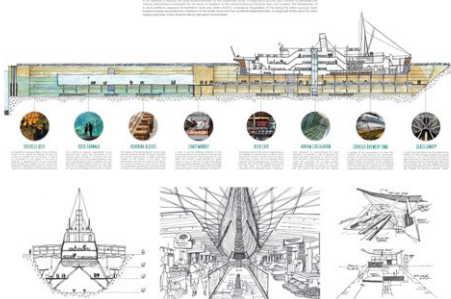


CONCEPTUALISATION

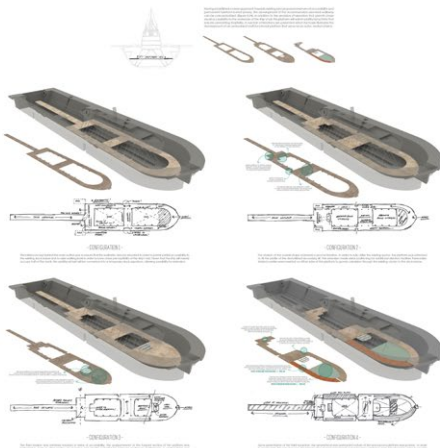
accessibility



proposed sectional overview

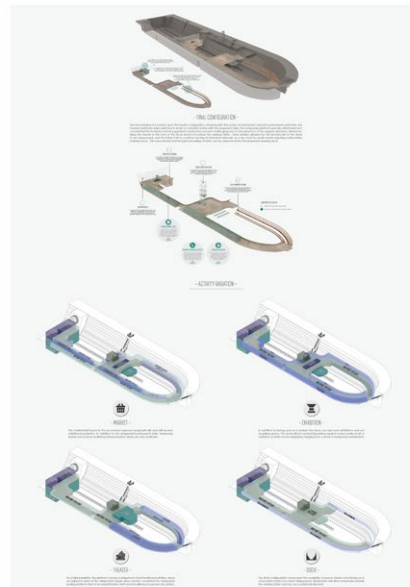


platform design

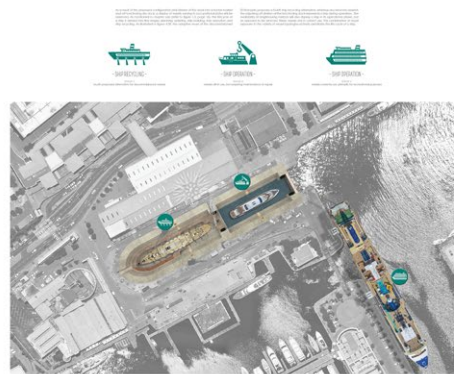


DESIGN DEVELOPMENT

platform design

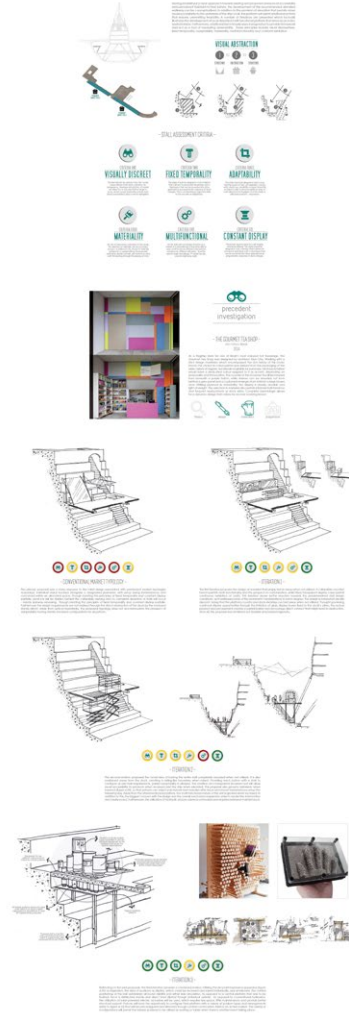


migration of ship typologies



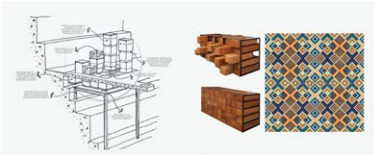
DESIGN DEVELOPMENT

market stall



DESIGN DEVELOPMENT

market stall



MARKET STALL

MARKET STALL

STALL FORMS



STALL CONSIDERATIONS

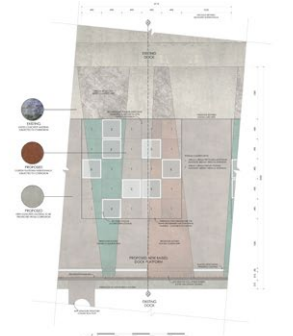


MARKET CONTEXT

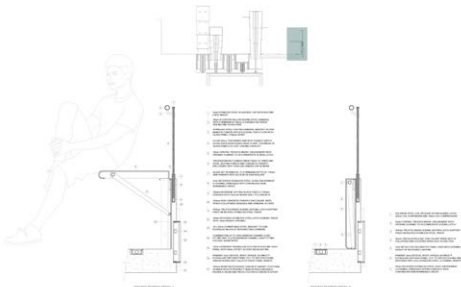


TECHNICAL RESOLUTION

market stall techn



platform bench railing detail

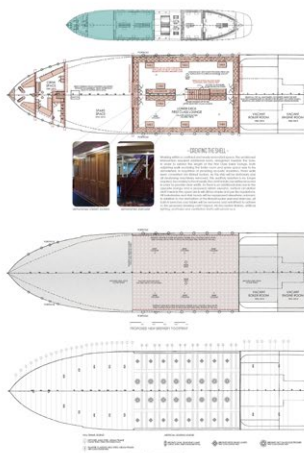


BREWERY DESIGN CONSIDERATIONS

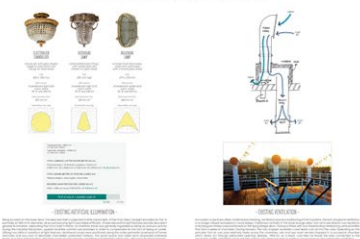
onboard location



demolished shell

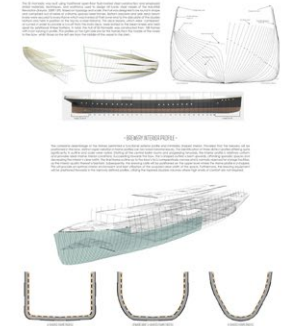


remaining illumination & ventilation



BREWERY DESIGN CONSIDERATIONS

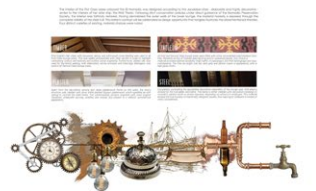
hull frame profiles



layered hull composition



existing material





BREWERY DESIGN

look & feel

Text describing the visual and atmospheric goals for the brewery design.



proposed interior



Text describing the proposed interior layout and atmosphere.



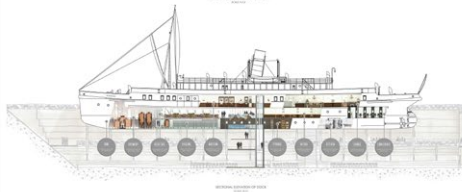
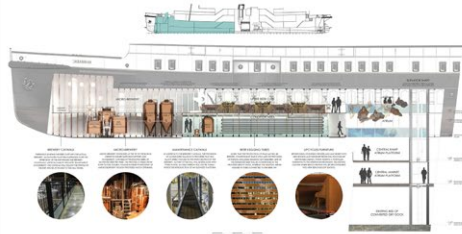
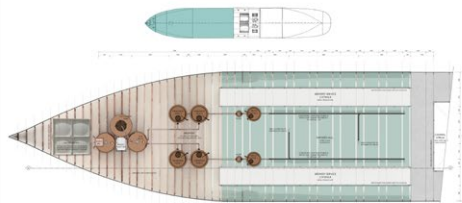
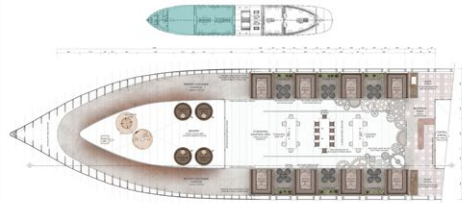
fixtures & furniture specification



BREWERY DESIGN

proposed interior plan and section

Text describing the proposed interior plan and section details.

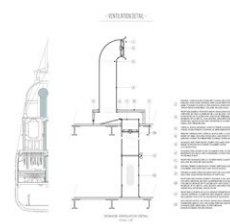
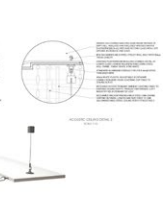
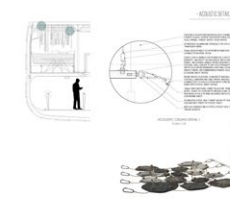
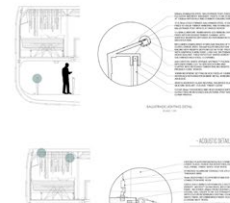
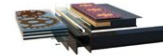
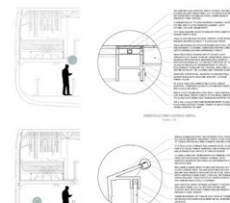
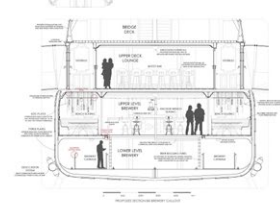


TECHNICAL RESOLUTION

brewery techne



Text describing the technical specifications for the brewery equipment.



DESIGN DEVELOPMENT

canopy design



Text describing the canopy design details.



atrium design

Text describing the atrium design details.



DESIGN DEVELOPMENT

inclusive accessibility

scenic ramp circulation

NETA REFUSAL

APPROACH STONE

TECHNICAL RESOLUTION

inclusive accessibility

wayfinding

TECHNICAL RESOLUTION

dock illumination

emergency evacuation

DESIGN RESOLUTION

proposed perspectives

TECHNICAL ANALYSIS

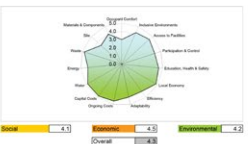
green star rating



Category	Requirement	Score	Weight	Points
Energy	Energy Star Rating	5	10	50
	Energy Efficient Appliances	4	10	40
	Energy Efficient Windows	3	10	30
	Energy Efficient Lighting	2	10	20
	Energy Efficient HVAC	1	10	10
	Energy Efficient Water Heating	1	10	10
	Energy Efficient Cooling	1	10	10
	Energy Efficient Heating	1	10	10
	Energy Efficient Fans	1	10	10
	Energy Efficient Motors	1	10	10
Water	Water Efficient Fixtures	4	10	40
	Water Efficient Appliances	3	10	30
	Water Efficient Windows	2	10	20
	Water Efficient Lighting	1	10	10
	Water Efficient HVAC	1	10	10
	Water Efficient Water Heating	1	10	10
	Water Efficient Cooling	1	10	10
	Water Efficient Heating	1	10	10
	Water Efficient Fans	1	10	10
	Water Efficient Motors	1	10	10
Indoor Air Quality	Low VOC Paints	4	10	40
	Low VOC Adhesives	3	10	30
	Low VOC Sealants	2	10	20
	Low VOC Caulks	1	10	10
	Low VOC Finishes	1	10	10
	Low VOC Flooring	1	10	10
	Low VOC Upholstery	1	10	10
	Low VOC Carpets	1	10	10
	Low VOC Acoustic Panels	1	10	10
	Low VOC Ceiling Tiles	1	10	10
Sustainable Building Assessment Tool	Material & Construction	2.0	10	20
	Energy Performance	2.0	10	20
	Water & Facilities	2.0	10	20
	Performance & Control	2.0	10	20
	Ecological Health & Safety	2.0	10	20
	Local Features	2.0	10	20
	Quality	2.0	10	20
	Design & Construction	2.0	10	20
	Overall	2.0	10	20
	Score	2.0	10	20

MANAGEMENT, RESOURCE QUALITY, NEEDS, TARGETS, WATER, NEEDS, CARE DECISIONS, DESIGN, NEEDS, GREEN BUILT AND WATER CONSTRUCTION, GREEN BUILT, GREEN BUILT, GREEN BUILT, GREEN BUILT, GREEN BUILT, GREEN BUILT, GREEN BUILT, GREEN BUILT, GREEN BUILT, GREEN BUILT


sustainable building assessment tool rating



to conclude



to conclude

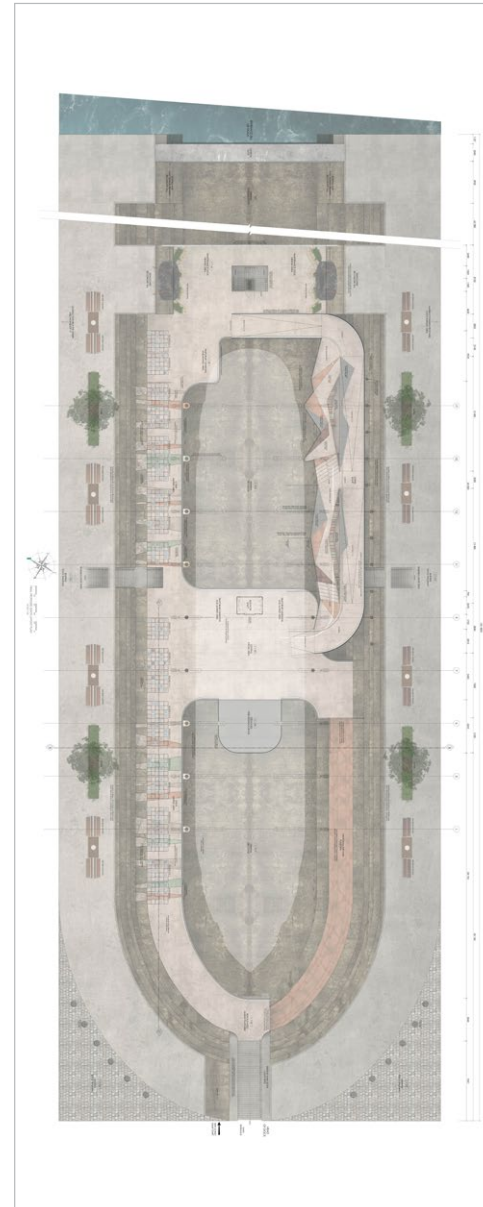


THANK YOU

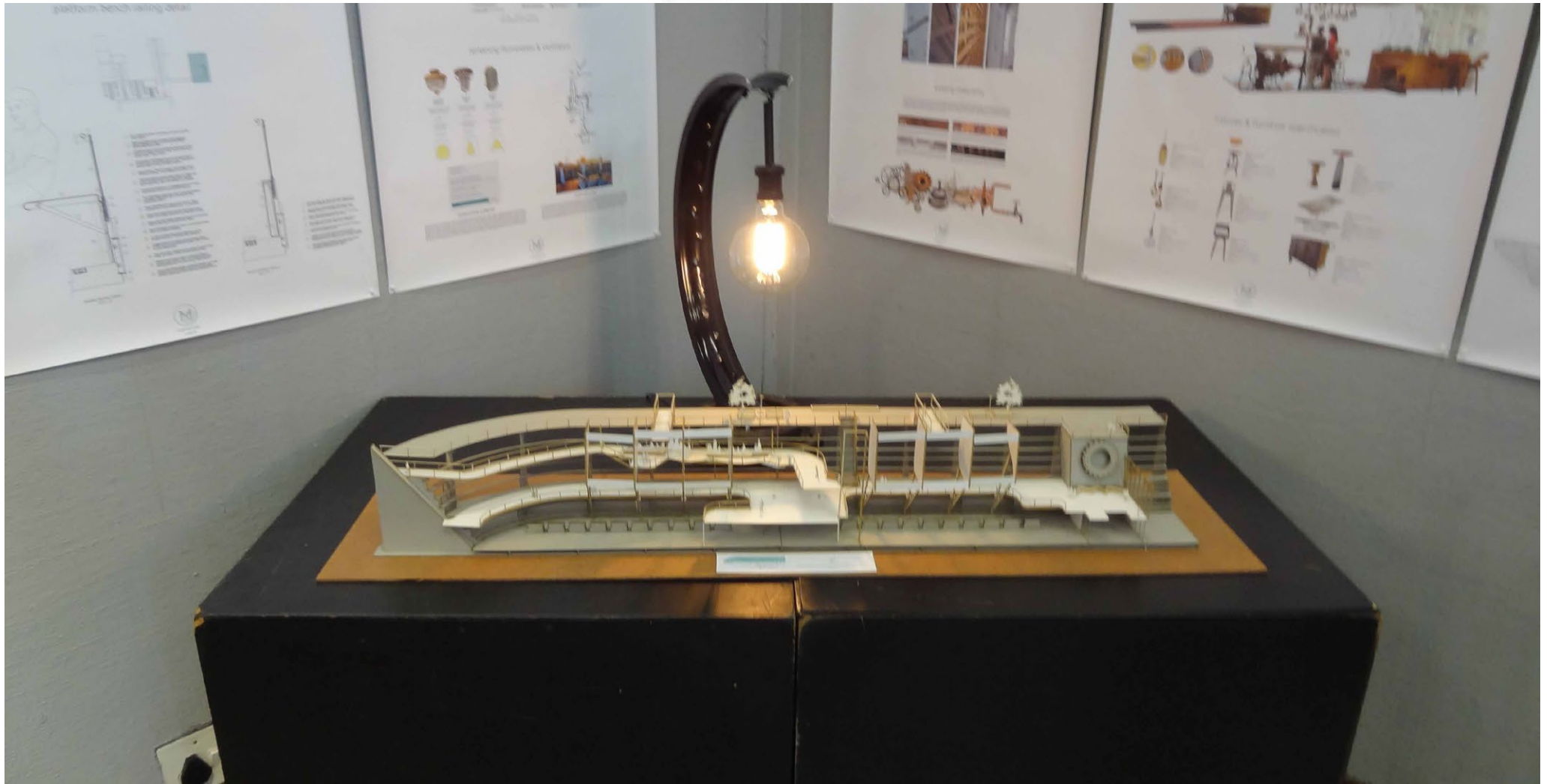
FROM A SHALING CONVEY TO A BUCKED BUREAU:
ELABORATING LATTER BY FIRM, FROM SHALING CONVEY TO A BUCKED BUREAU:
REAL ARCHITECTS AND WORKERS OF ROCK & RICE

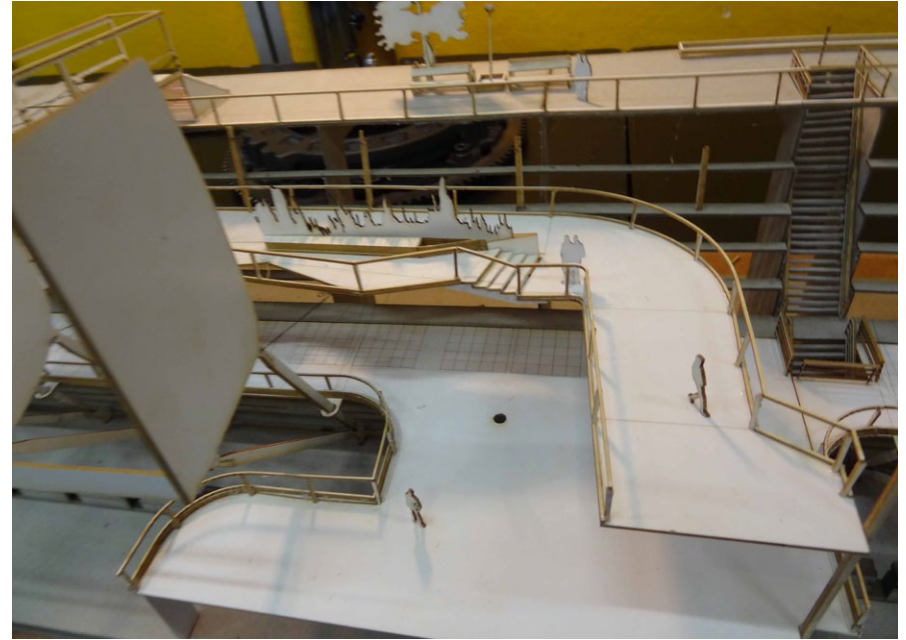
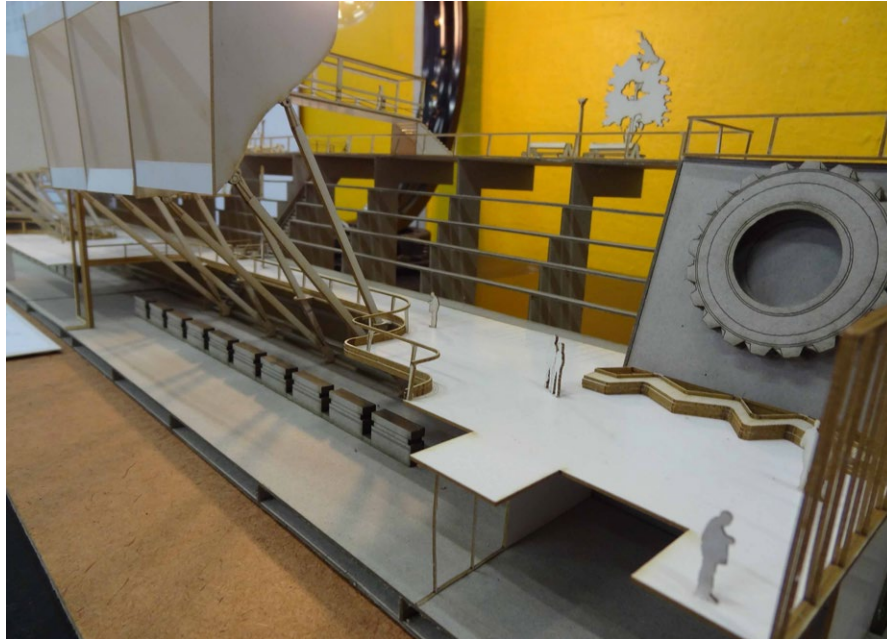
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APPENDIX B - MODELS





APPENDIX C - BEER PACKAGING



