



PORTFOLIO

2023 | 2024

STEPHNI JACOBSON

Associate
Senior Architectural Designer



PERSONAL DATA

Last Name: Jacobson
First Name: Stephni
Gender: Female
Place of birth: Pretoria, South-Africa
Date of birth: 24 | 02 | 1989
Citizenship: South-African
Current Position: Associate, Senior Architectural Designer
Current Location: Hong Kong SAR
Registration: South African Council for the Architectural Profession (PrArch32395625)

SKILLS

Autodesk AutoCAD ██████████
Autodesk Revit ██████████
Autodesk Navisworks ██████████
Adobe Photoshop ██████████
Adobe Illustrator ██████████
Adobe InDesign ██████████
Rhinoceros ██████████
SketchUp ██████████
OfficeSuite ██████████
Bluebeam Revu ██████████
Smartsheet ██████████

CONTACT

+852 544 60756
jacobson.stephni@gmail.com

EDUCATION

Magister Architecturae (Professional)

University of the Free State| South Africa
2012 - 2013

Title of Thesis:
The Sensorium of Time- To the Future and back with the Square Kilometer Array Radio Telescope, Carnarvon, South Africa

Baccalaureus Architecturae Studiorum Honores

University of the Free State| South Africa
2011 - 2012

Baccalaureus Architecturae Studiorum

University of the Free State| South Africa
2008 - 2010

PROFESSIONAL EXPERIENCE

Populous Limited, Hong Kong

Tenure: November 2020- Present
Position: Associate Senior Architectural Designer

Contract Administration, on-site during construction of Kai Tak Sports Park (KTSP), RFIs, Shopdrawing Reviews; Material Submission Reviews.
Lead coordinator on the KTSP Main Stadium Exhibition Centre, Project Manager on the Public Art Program and Visitor Engagement Plan. Site-wide Universal Accessibility Lead. Environmental Sustainability Design (ESD) Studio Leader in HK. Speaker at China Green Economy Summit: Australian Green Economy Forum, Shenzhen.

UNStudio, Hong Kong

Tenure: August 2018- November 2020,
Position: Architect

Member of UNStudio, Asia Design Liaison Resource (DLR) team on site for construction of the Lyric Theatre Complex in the West Kowloon Cultural District
Responsible for the modeling of fully coordinated Theatre Revit BIM Models for handover to contractor at the conclusion of Tender Stage
Site Coordination with external consultants (Structural: AECOM, MEP: WSP and Theatre Specialists: The Space Factory)
Answering of RFI's and CAI submissions
BIM/ Naviswork model reviews and clash monitoring.

SSH Design, Cape Town | Dubai | Kuwait

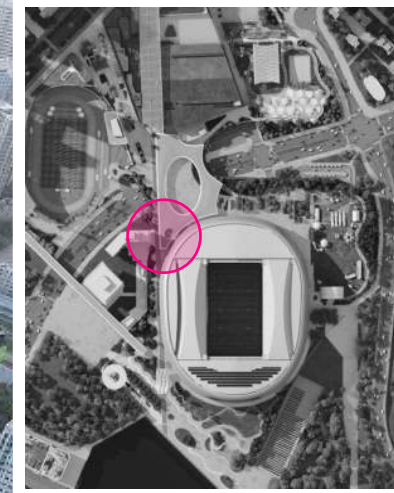
Tenure: November 2016- February 2018
Position: Professional Architect and Team Leader on Dubai Water Canal Development

International large-scale construction documentation and detailing on General Arrangement and Façade packages
BIM 360 Coordination between offices in Dubai and Kuwait (Project Coordination with internal Structural, Mechanical and ICT Engineers on all projects)
Mentoring

Firm: RSARC Architects, Johannesburg

Tenure: February 2014- November 2016
Position: Candidate Architect

Concept design to Construction Phase documentation and statutory submissions
Visualisation, model building and research.



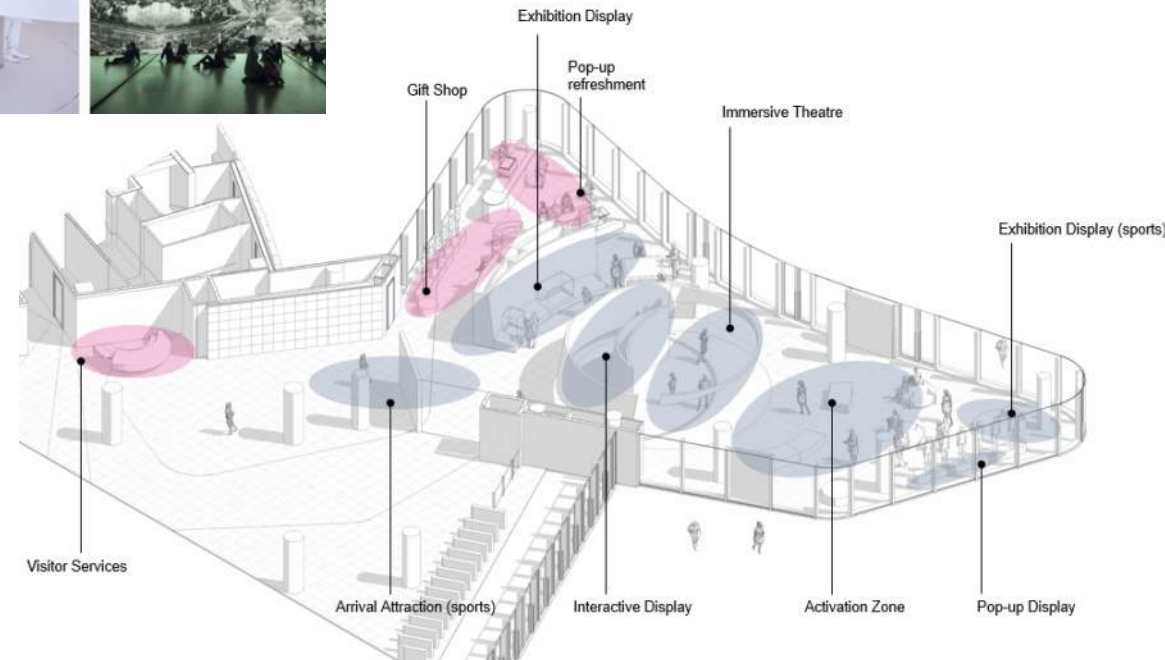
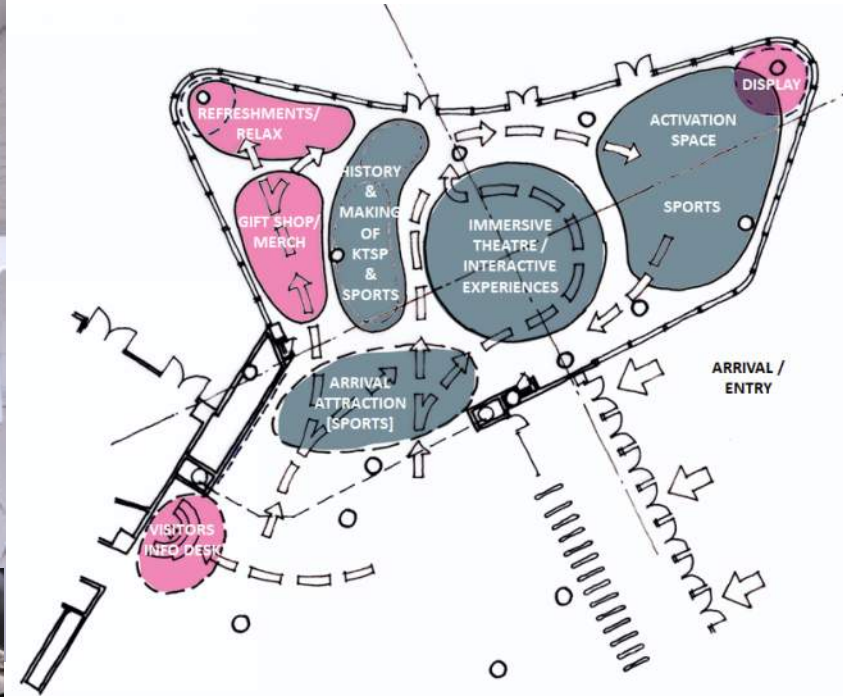
Location: Kai Tak, Kowloon, Hong Kong
Client: Home Affairs Bureau; Kai Tak Sports Park Limited (KTSP)
Lead Architect: Populous
Category: Mixed Use; Stadium
Phase: Construction
Completion: 2024

Kai Tak Sports Park is a 28- hectare mixed-use sports-precinct built on the site of the former Kai Tak Airport in Kowloon, Hong Kong. The development can be broken down into a Northern and Southern precinct, connected by the "Sports Avenue" walkway- a powerful gesture which connects the two precincts and functions as a fan-walk of sorts. When completed Kai Tak Sports Park will contain an Indoor Sports Centre with 10 000 retractable seats, a Public Sports Ground with 5000 seats, and a Main Stadium with 50 000 seats. The Main Stadium will also feature a retractable roof and flexible pitch surface.

Involvement: Lead technical coordinator on the KTSP Main Stadium Exhibition Centre, Public Art Program and Visitor Engagement Plan. Site-wide Universal Accessibility Lead.



KTSP MAIN STADIUM EXHIBITION CENTRE



KTSP Main Stadium Exhibition Centre

The Main Stadium Exhibition Centre sits at the heart of Kai Tak Sports Park Precinct, a very prominent location, adjacent to the main venue. It functions as a visitor centre, a multi-purpose and immersive project gallery and gift shop. The Exhibition Centre forms an important part of the greater Visitor Engagement plan and will ultimately become the first point of contact on the Public Art master plan route through the site.

The permanent exhibition will focus on themes around Kai Tak Airport history, the making of Kai Tak Sports Park and Sport and is designed around a central theatre which can also be used to host TEDtalks and other lectures or presentations.



KTSP Public Art Program

Kai Tak Sports Park is a place for sport and activity. It is also an important gathering point for all the people of Hong Kong and the world and will become an important cultural landmark for the identity of the people.

The implementation of Art in all forms across the site will play an important part of the site theming, and is a key strategy for community education and interaction

The Hundred Senses program explores and reveals the 'hidden experiences' of KTSP, which together with the exceptional sporting facilities will elevate KTSP to one of the world's leading recreational and cultural destinations.

The Hundred Senses program includes development of a unifying narrative that informs and connects the elements of the Visitor Engagement Plan (VEP).

A graphic titled "Visitor Engagement Plan" (百感) with three main steps: 1. Arriving KTSP, 2. Collect Information at Exhibition, and 3. Explore. The graphic includes a map of the park, a photo of a woman taking a photo, and a list of 13 key locations. The background features a stylized map of the park with numbered markers corresponding to the list on the right.

1	Pier Plaza
2	Ho Kai Fountain
3	Au Tak Path
4	Runway 31
5	Runway Promenade
6	Outlook Marker
7	Kai Tak Sports Avenue
8	Wellness Centre
9	Pavilion Park
10	Main Plaza
11	Walk of Fame
12	Eastern Plaza
13	Neighbourhood Park

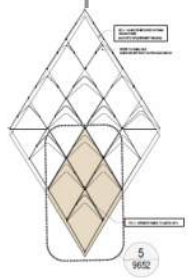
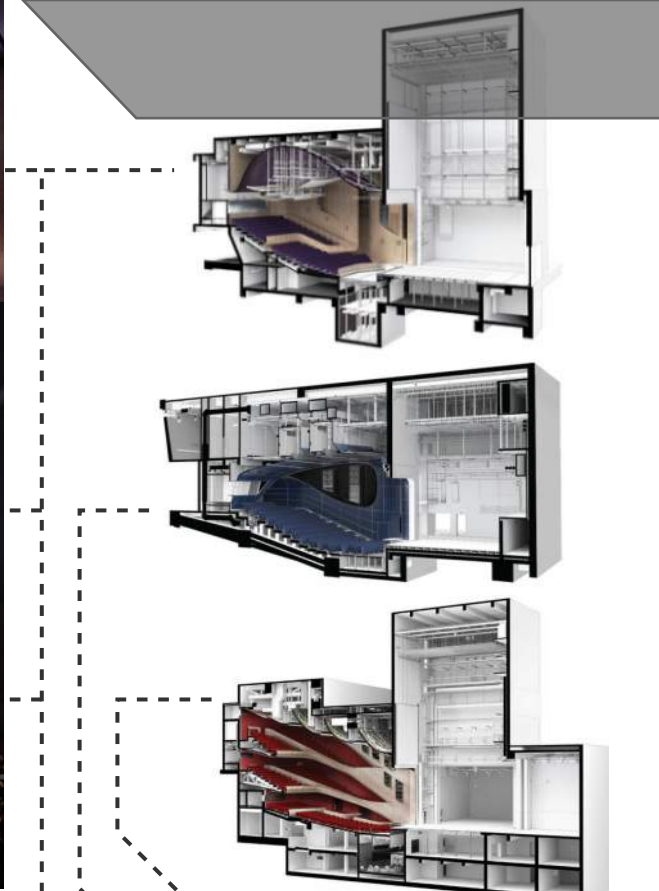
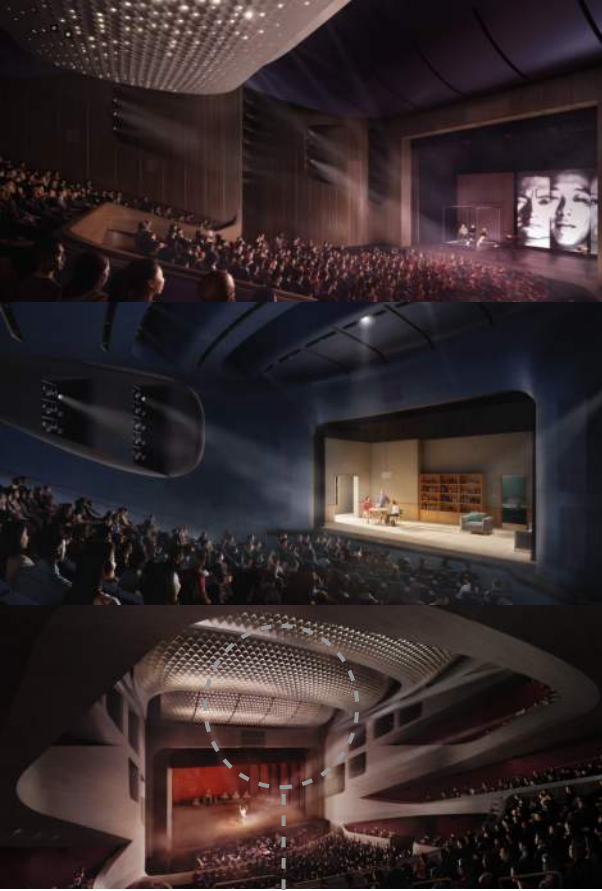


Location: West Kowloon Cultural District, Hong Kong
Client: West Kowloon Cultural District Authority
Lead Architect: UNStudio, Hong Kong
Category: Mixed Use/ Cultural/ Theatre
Phase: Construction
Completion: 2025

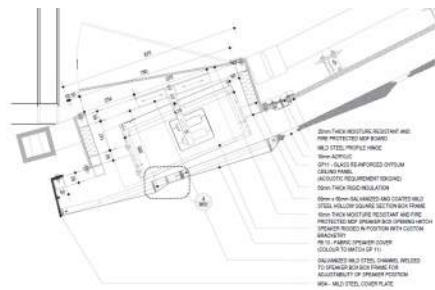
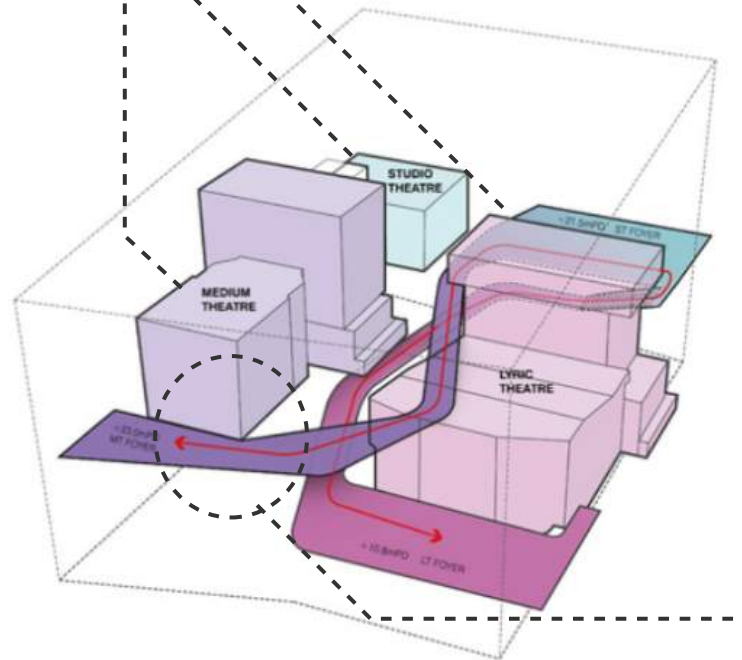
The Lyric Theatre Complex is a mixed-use performance venue next to Victoria Harbour in the West Kowloon Cultural District in Hong Kong. It houses a Large-, Medium- and Studio Theatre arranged in a stacked formation around a central circulation spine.

Involvement: Tender Phase Completion and Contract Administration on-site for the Construction Phase.



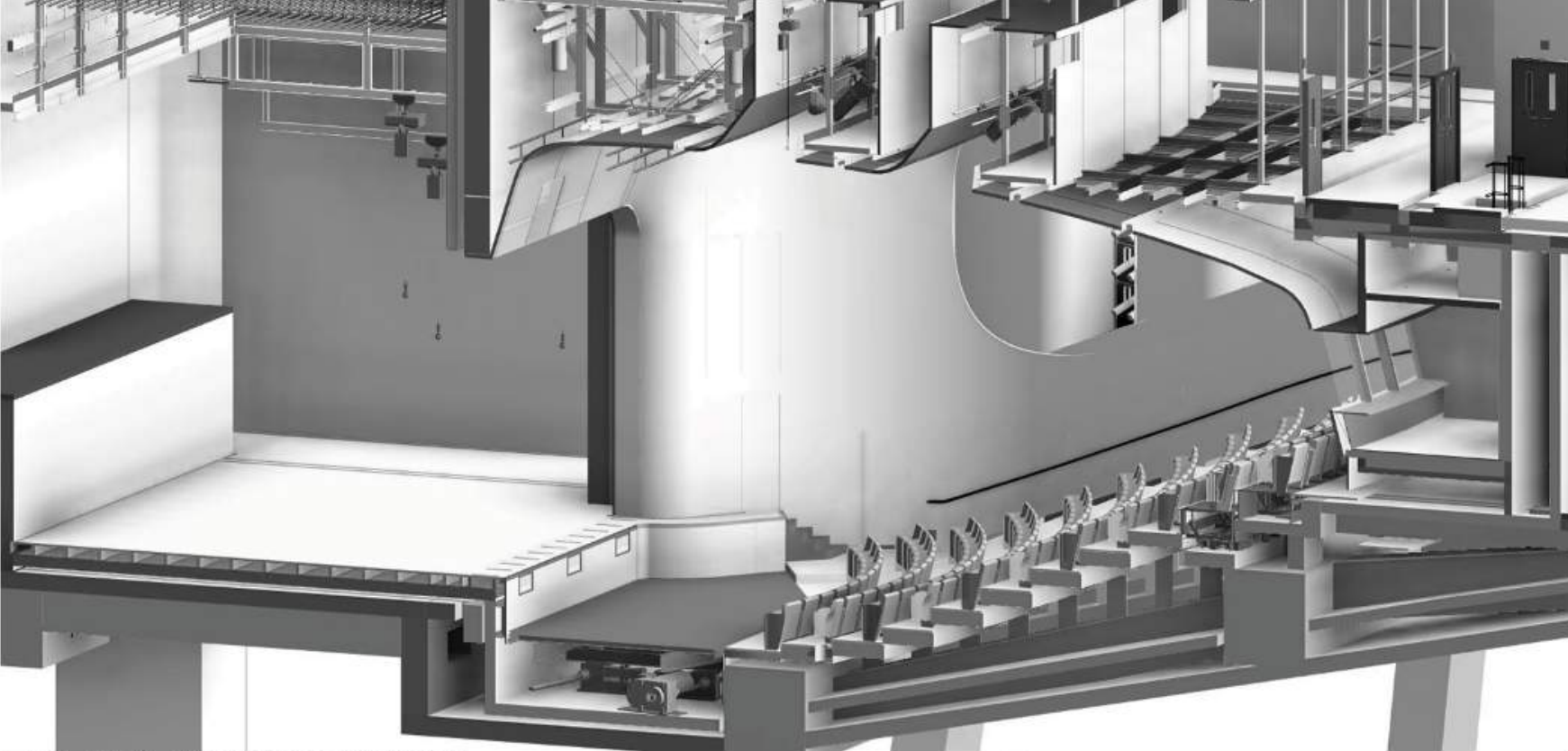


2.1.1 Typical Section thru Deck





(3D - s.jacobson) X Landing Page -- (3D - s.jacobson) Copy 1



Properties

3D View

3D View: {3D - s.jacobson}

Graphics

View Scale	1 : 100
Scale Value	1: 100
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Visibility/Graphics Overrides	Edit...
Graphic Display Options	Edit...
Discipline	Architectural
Show Hidden Lines	By Discipline
Default Analysis Display Style	None
Sun Path	<input type="checkbox"/>

Text

Uniclass2015Code

Dimensions

Width

Extents

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Eye Elevation	-55881.1
Target Elevation	-73109.4
Camera Position	Adjusting

Identity Data

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View Name	{3D - s.jacobson}
Dependency	Independent
Title on Sheet	
Workset	View "3D View: {3D - s.jacobson}
Edited by	s.jacobson
ISBIM4D	
CEMS	

Phasing

Properties help

1 : 100



Location: Dubai UAE

Client: Meraas

Lead Architect: SSH Design

Category: Mixed Use/ Residential

The Dubai Water Canal Phase 1 Project is a mixed use development, consisting of a boutique hotel, serviced apartments, residential apartments, town houses, retail- and F&B offerings all fronting the canal. The project consists of 8 plots making up approximately 105 000m² GFA of mixed-use.

Involvement: Contract documentation on SAFA A. Team leader on General Arrangement packages. At the time, the Dubai Water Canal project was the second largest BIM 360 interdisciplinary cloud collaboration, globally.



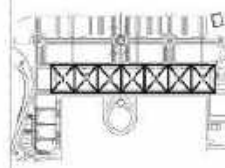
AL KHIRAN PEARL MIXED USE COMPLEX



Location: Kuwait
Client: Tamdeen Shopping Centres Company
Lead Architect: SSH Design/Callison RTKL
ETFE Roof Design: Atelier One
Category: Mixed Use/ Commercial

A75,000 SQM Outlet Shopping Centre, adjacent to the Waterfront, comprising of Restaurants, Entertainment Pockets, and Retail Units. The Development is arranged around the Marina and Urban Landforms, with Walkways and Palm Promenades.

Involvement: Working Drawings, Internal and External Facade Bay Packages and Facade Detailing.



- General Notes:**
1. Do not scale from this drawing.
 2. The drawings must be read in accordance with all other relevant drawings.
 3. Contractor must report any discrepancies prior to commencing any work.
 4. All dimensions must be verified on site prior to order or manufacture of materials in production or site drainage.

F.F.L. 0.00m = R.M.L. 5.22m

ISSUED FOR: 100% WD

cracknell

Design Architect:
CALLISON|TKL
A FLUOR DANIEL COMPANY

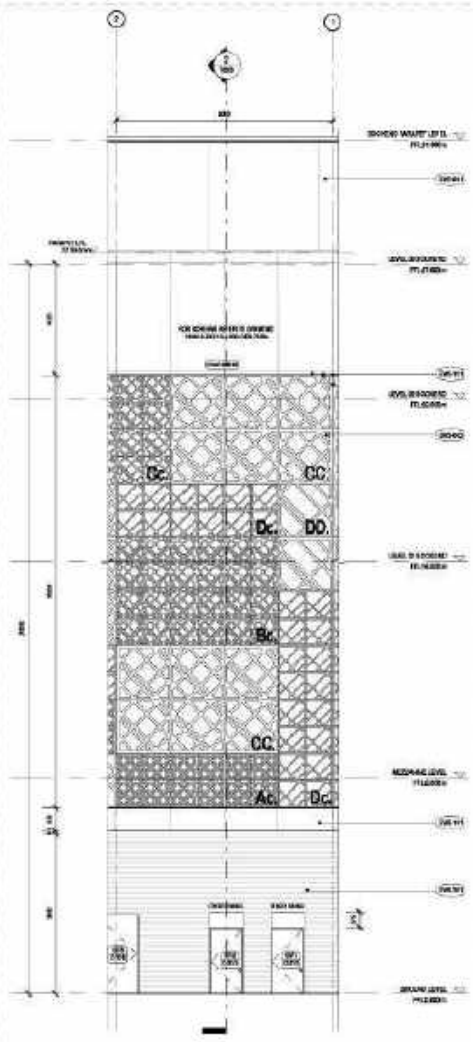
SSH

Tamdeem Shopping Centers

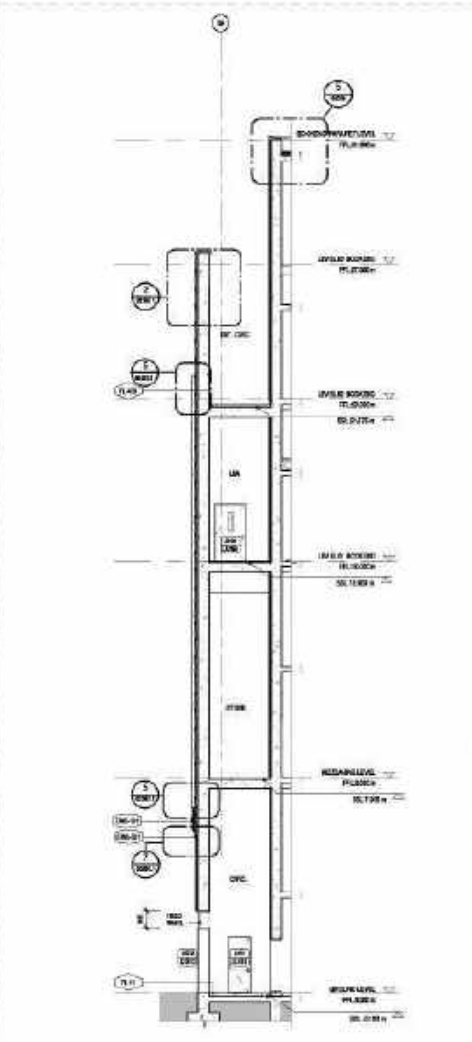
AI Khiran Outlet Mall

EXT NORTH FACADE TYPICAL BAY - BL01 - SH. 1

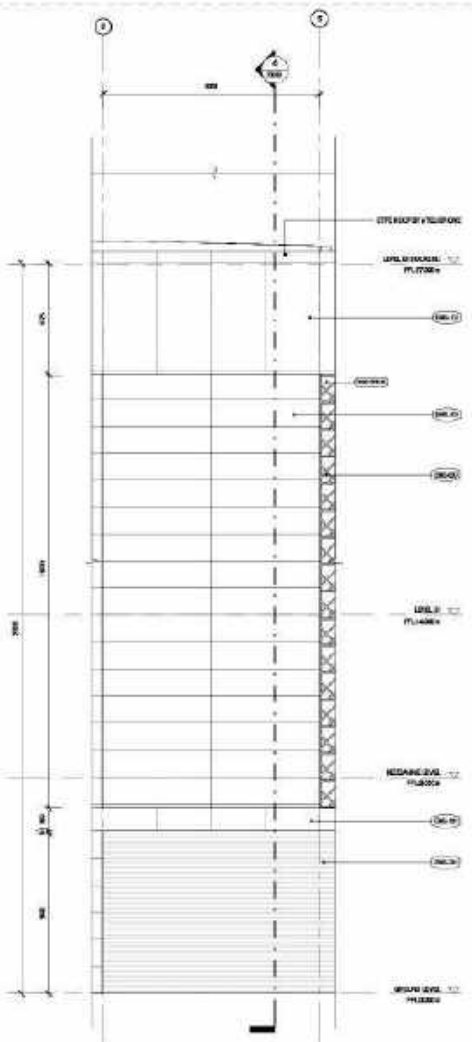
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Drawing No:	100	Project No:	1000
Date:	10/2023	Project Location:	SAUDI ARABIA



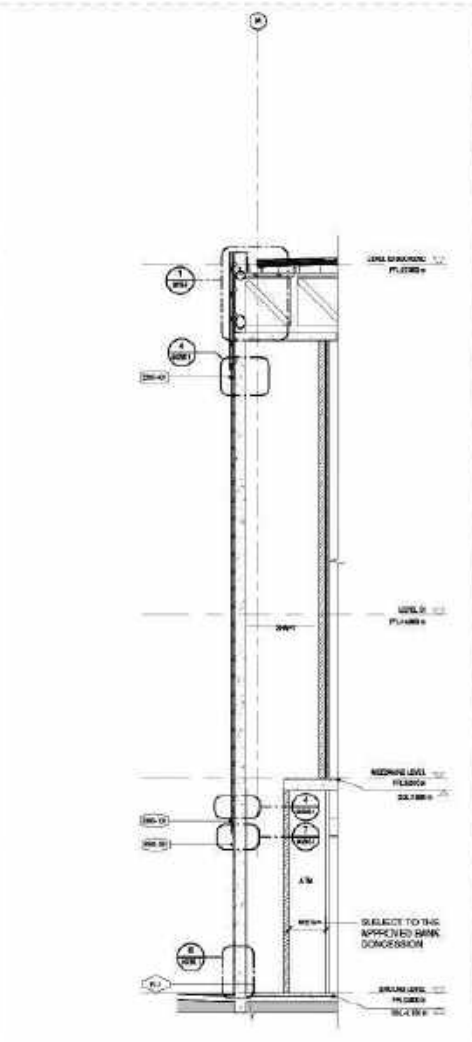
1 ELEVATION - EXT 01
1:100



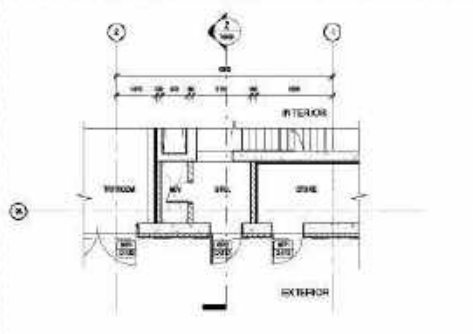
2 SECTION - EXT 01
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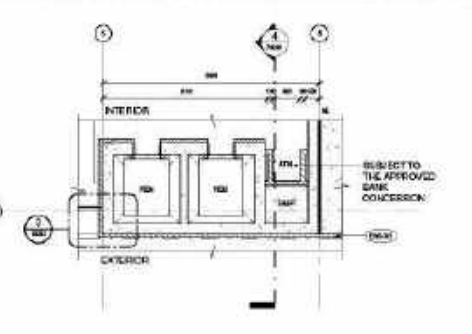
3 ELEVATION - EXT 02
1:100



4 SECTION - EXT 02
1:100



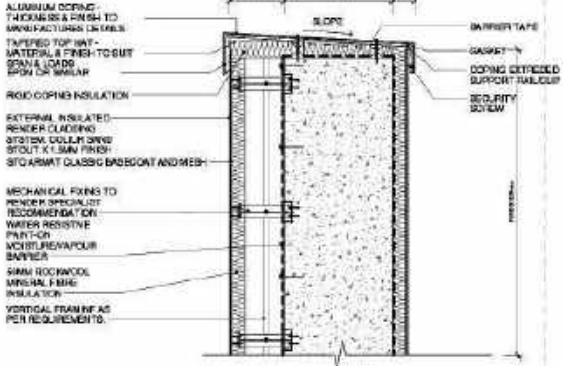
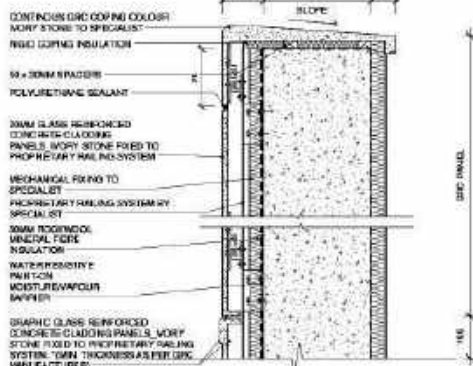
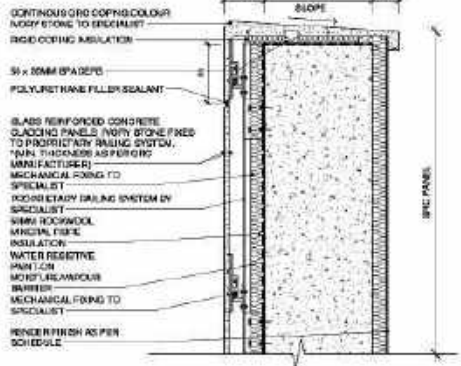
5 KEY PLAN - GROUND FLOOR EXT 01
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6 KEY PLAN - GROUND FLOOR EXT 02
1:100

KEYNOTE LEGEND

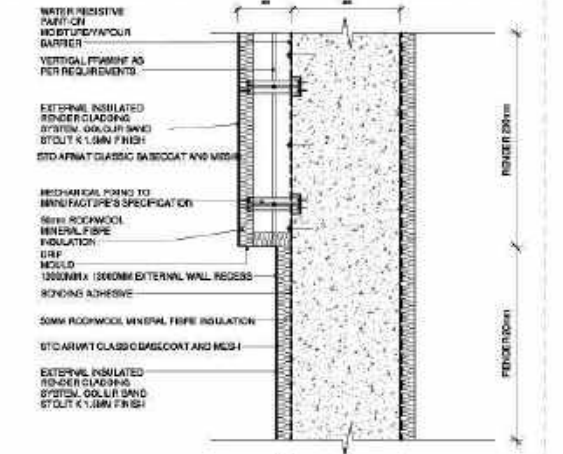
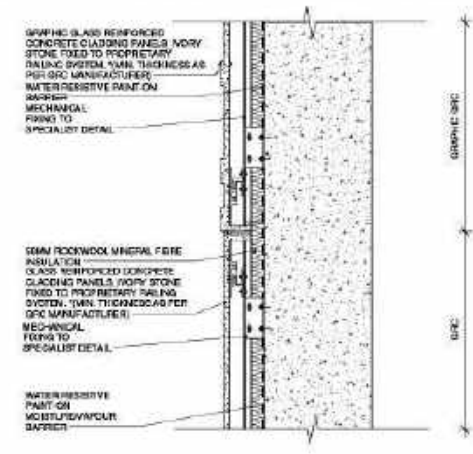
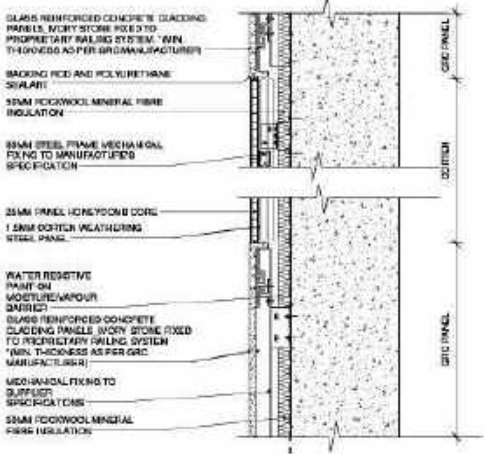
KEYNOTE 01	GLASS CURTAIN WALL SYSTEM WITH ALUMINUM FRAME AND INSULATION
KEYNOTE 02	CONCRETE WALL SYSTEM WITH ALUMINUM FRAME AND INSULATION
KEYNOTE 03	CONCRETE WALL SYSTEM WITH ALUMINUM FRAME AND INSULATION
KEYNOTE 04	CONCRETE WALL SYSTEM WITH ALUMINUM FRAME AND INSULATION
KEYNOTE 05	CONCRETE WALL SYSTEM WITH ALUMINUM FRAME AND INSULATION
KEYNOTE 06	CONCRETE WALL SYSTEM WITH ALUMINUM FRAME AND INSULATION
KEYNOTE 07	CONCRETE WALL SYSTEM WITH ALUMINUM FRAME AND INSULATION
KEYNOTE 08	CONCRETE WALL SYSTEM WITH ALUMINUM FRAME AND INSULATION
KEYNOTE 09	CONCRETE WALL SYSTEM WITH ALUMINUM FRAME AND INSULATION
KEYNOTE 10	CONCRETE WALL SYSTEM WITH ALUMINUM FRAME AND INSULATION



1 GRC TO CORTEN WALL FINISH PARAPET DETAIL
1:10

2 SMOOTH TO GRAPHIC GRC WALL FINISH PARAPET DETAIL
1:10

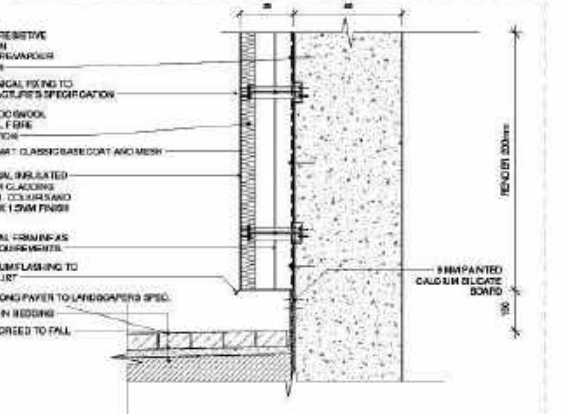
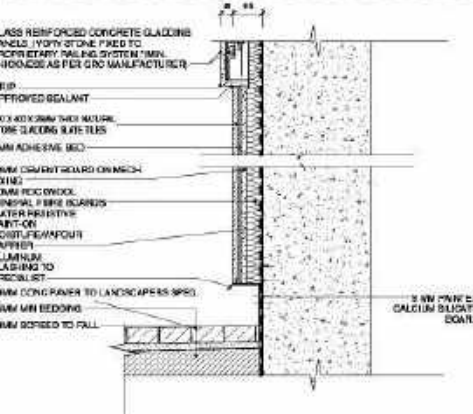
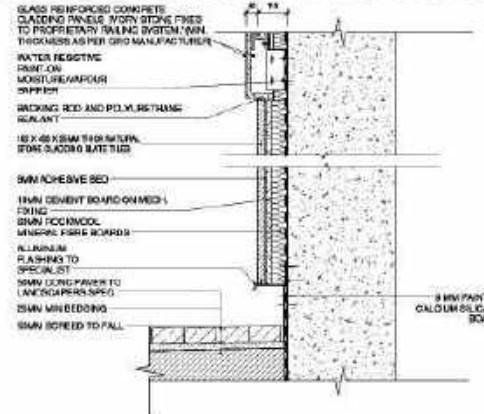
3 RENDER WALL FINISH PARAPET DETAIL
1:10



4 SMOOTH GRC TO CORTEN WALL FINISH DETAIL
1:10

5 GRAPHIC TO SMOOTH GRC WALL FINISH DETAIL
1:10

6 RENDER WALL FINISH DETAIL
1:10



7 SMOOTH GRC TO SLATE END JUNCTION DETAIL
1:10

8 SMOOTH GRC TO SLATE END JUNCTION DETAIL
1:10

9 RENDER TO GROUND END JUNCTION DETAIL
1:10

تمدين TAMDEEN GROUP

Design Notes

- Do not start the drawing.
- The drawing must be based on the approved drawings.
- Contractor must report any deviations prior to execution of any work.
- All dimensions must be verified on site prior to construction.

FF.L. 0.00m = K.O. 5.22m

cracknell

CALLISORTKL
A 3D BIM CONSULTANT OF A PROJECT

SSH

Tamdeen Shopping Centers

Al Khiran Outlet Mall

EXTERIOR WALL FINISH DETAILS

1490-A-202-25-024 GEN-00261

KUWAIT OIL COMPANY HOUSING DEVELOPMENT



Location: South Ahmadi, Kuwait
Client: Kuwait Oil Company
Lead Architect: SSH Design
Category: Masterplan/Residential

The Kuwait Oil Company Housing Development is built on a plot area of 122,000 SQM, and comprises 159 Villas.

Involvement: Working Drawings.



KUWAIT CHILDREN'S HOSPITAL



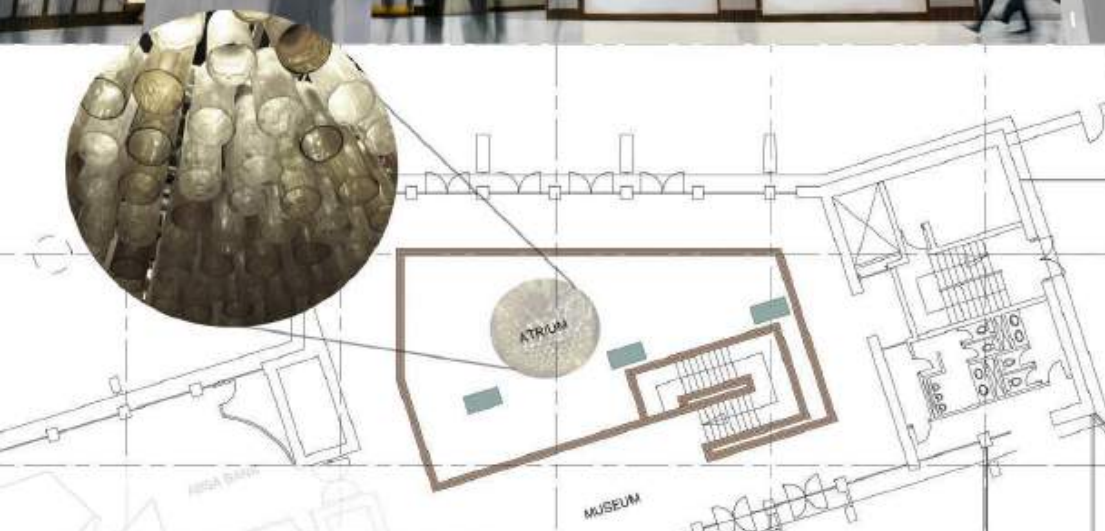
Location: Al-Shuwaikh, Kuwait
Client: Kuwait Ministry of Health and Public Works
Lead Architect: SSH Design/ HKS,USA
Category: Healthcare

Covering 300,000 SQM, Kuwait Children's Hospital is the largest facility of its kind in the world and houses 729 Beds. The facility includes diagnostic and treatment centres, along with non-clinical support and public departments. Non-healthcare structures include: 2400 Car Parkings, Helipad, Day care centre and 5 shelters for Civil Defence.

Involvement: Working Drawings.



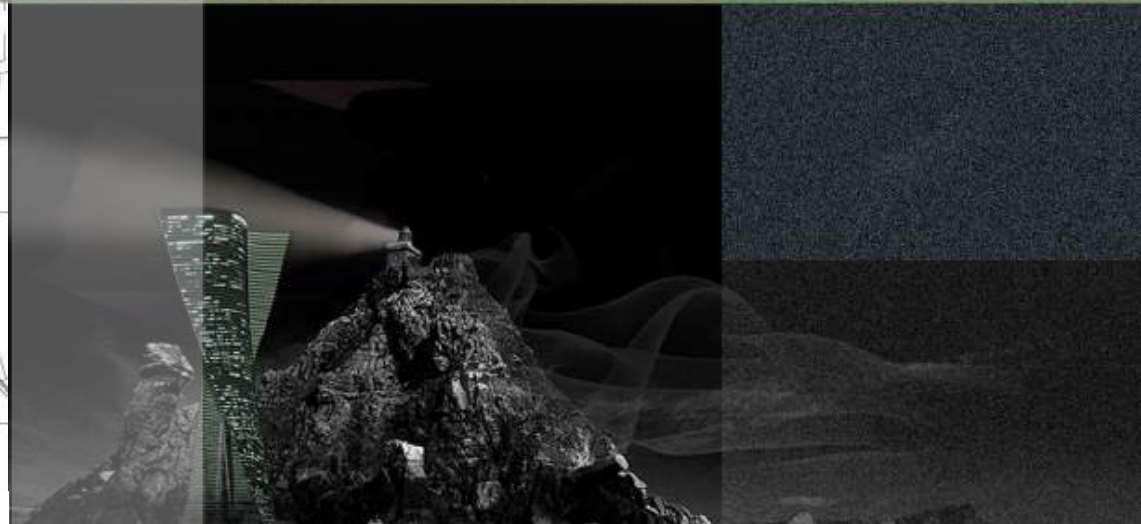
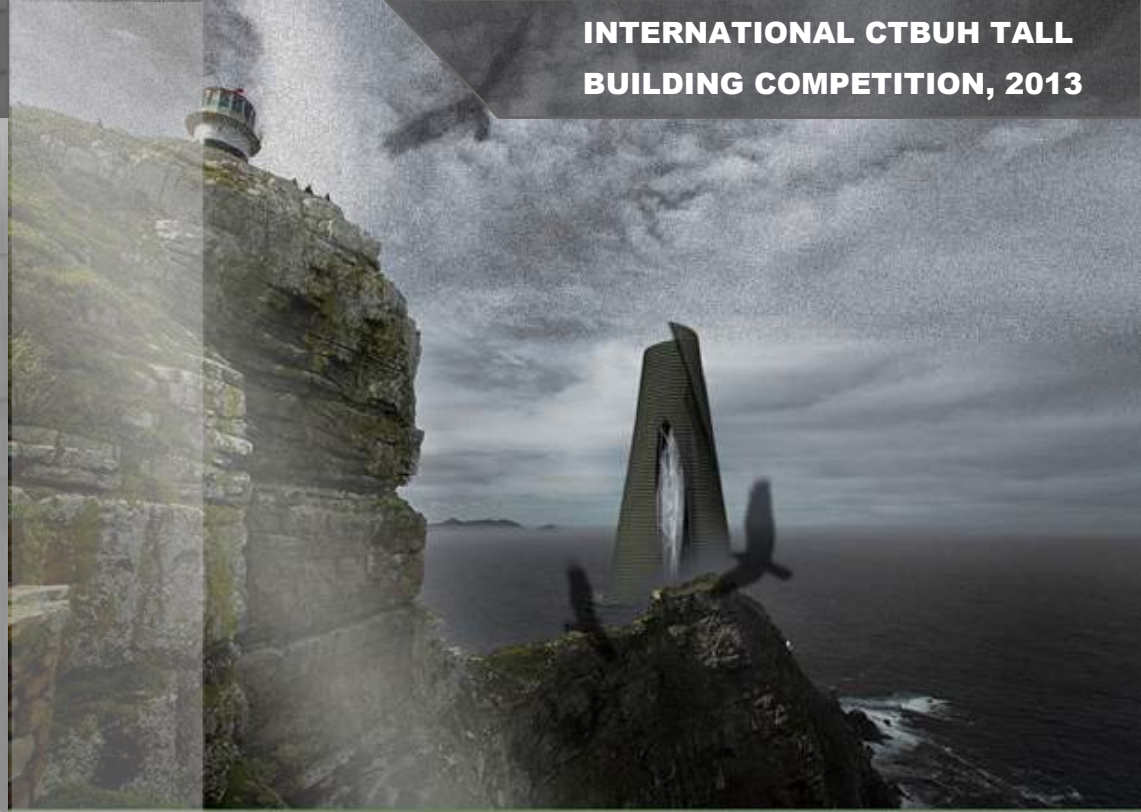
SABC MUSEUM ATRIUM ALTERATIONS



Location: Auckland Park, Johannesburg, South Africa
Client: SABC
Lead Architect: Stephni Jacobson for RSARC
Category: Refurbishment

Involvement: Concept Proposal.

INTERNATIONAL CTBUH TALL BUILDING COMPETITION, 2013



Location: Two Oceans Meeting Point, Cape Point, South Africa
Team: Stephni Jacobson & Martin Pretorius
Category: Competition

The Proposed Helioid-Shaped Tower acts as a new Beacon/ Light Tower, Wind Farm and Seed Bank Research and Protection Centre for Indigenous Cape Fynbos.

ONE-NIGHT STAND

THE CURATING LIFE EXHIBITION CALLS FOR A CONCEPT THAT WILL ACCOMMODATE A ONCE-OFF CONNECTION BETWEEN THE MUSEUM OF AFRICAN DESIGN, THE 12 DECADES HOTEL AND AN AMATEUR CURATOR. THEY WILL PERFORM A SINGLE, CASUAL ACT. A NO-STRINGS-ATTACHED MÉNAGE À TROIS OF SORT.

IN A SIMILAR WAY, ART AND DESIGN WILL MEET IN A ONCE-OFF SHOW, KNOWING THAT THE ENCOUNTER BY NO MEANS IMPLIES A RELATIONSHIP BETWEEN THEM. A ONE-NIGHT STAND.

ACCORDING TO MILTON GLASER 'DESIGN AND ART ARE LIKE SEX AND LOVE. EVEN THOUGH THEY ARE VERY DIFFERENT, YOU KNOW THEY BOTH ARE ENJOYABLE AND USEFUL AND EVERY ONCE IN A WHILE, YOU GET THEM BOTH TOGETHER.'

THE JOINING OF TWO ELEMENTS THROUGH THE PHYSICAL ACT OF LOVE IS A BEAUTIFUL THING. MOAD BRINGS ART AND DESIGN TOGETHER ON A DAILY PLATFORM. SIMILARLY THE 12 DECADES HOTEL ACCOMMODATES DAILY ART THROUGH CURATING ROOMS DESIGNATED FOR THE PURPOSE OF LIVING AND LOVING. THE AMATEUR CURATOR WOULD BE SENSIBLE IN CURATING A STAND SET ASIDE FOR THE HUMAN NEED OR IMPULSE. IN AN ATTEMPT TO TRULY CURATE LIFE. IN THE WORDS OF JONATHAN JONES: 'ART, LIKE SEX, IS A HUMAN IMPULSE.'

BY CHOOSING THE SPECIFIC ARTWORKS SELECTED, THE PROPOSED EXHIBITION BECOMES A CATALYST FOR A BRIEF, POWERFUL ACT OF LOVE. PREVIOUSLY PART OF THE LIFE COLLECTION, THE SELECTED PIECES WILL NOW ATTAIN A NEW AND DIFFERENT MEANING.

THE VISITOR WILL SENSE A CERTAIN CHEMISTRY EXUDED BY THE GROUPED TOGETHER PIECES. KNOWING THAT THESE PIECES WILL LIKELY NOT AGAIN SHARE A PRIVATE ROOM FOR THE NIGHT, MAKES THE EXPERIENCE SO MUCH MORE INTENSE.

THE ONE-NIGHT STAND WILL CONSIST OF TWO STRUCTURAL PARTS; A TRANSPARENT RED PERSPEX BOX (CURATED BEDROOM) AND WALKWAY OF SHAME. THE VISITORS WILL CIRCULATE THROUGH THE WALK OF SHAME LITTERED WITH TWO PIECES OF CLOTHING ('CALVIN KLEIN' BY GEMUCE HILARIO AND 'CLAIRE DELUNE' BY SABINE MAIER) TO INSINUATE UNDRESS. THIS WALKWAY LEADS UP TO THE MAIN ACT TO TAKE PLACE IN THE CURATED BEDROOM BOX.

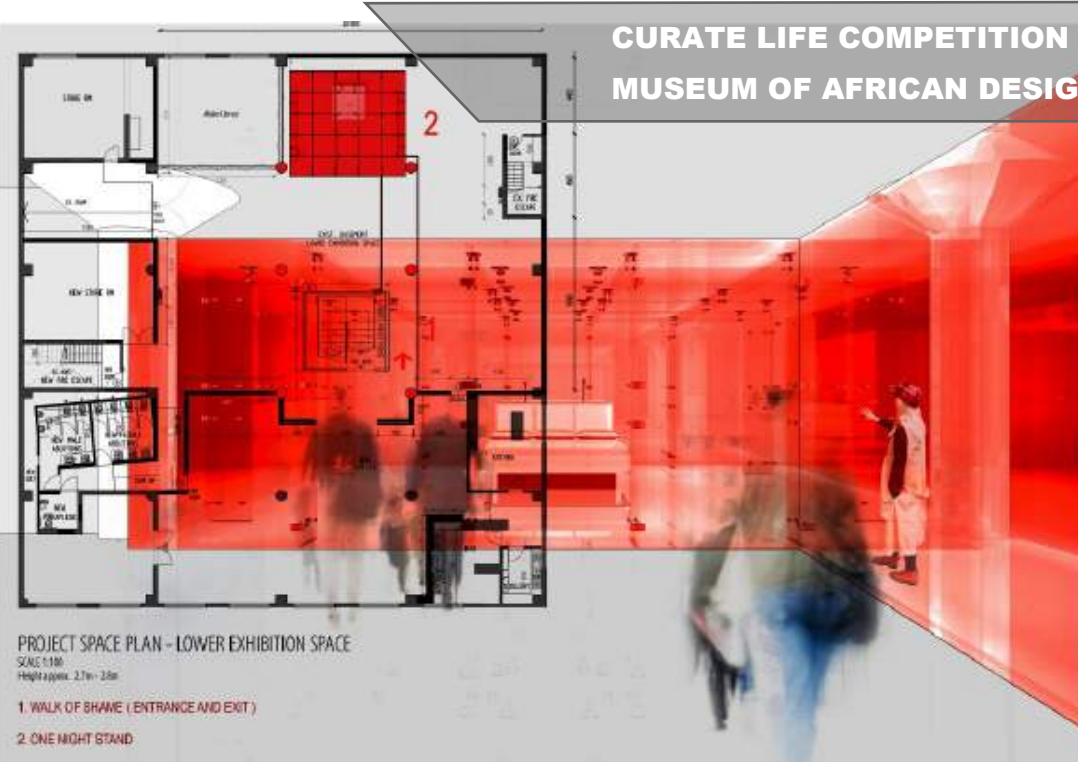
CURATING A STAND FOR LIFE AND LOVE ASKS OF THE CURATOR TO SEARCH FOR COMMON GROUND IN THE PRIMARY ESSENCE OF LIFE. ARTIST JEAN-PIERRE BERGENT MEANS THAT 'SEX IS THE MAIN COMMON THING SHARED AND DONE BY ALL HUMAN BEINGS ON EARTH AND MOST ANIMALS. IT IS THE FIRST EVER ENERGY WHO CREATED US. THE DESIRE WHICH GETS US TOGETHER.'

THE ONE-NIGHT STAND, LOCATED IN INNER CITY JOHANNESBURG, QUESTIONS THE STATUS-QUO AND APPARENT DISCONNECTION FELT IN CITY RESIDENTS. IS THE REALIZATION OF AN EXPLICIT PLATFORM FOR LOVING- SUCH AS THE ONE-NIGHT STAND THE ONLY WAY IN WHICH WE CAN FEEL ONE IN CONNECTION WITH OTHERS?

THE ONE-NIGHT STAND, SERVING AS A STORAGE SPACE FOR SELECTED PIECES FROM THE LIFE COLLECTION OF ARTWORK, WILL COMMENT ON THE TABOOS SURROUNDING SEXUALITY, RISK AND OUTINGS TO THE INNER CITY WITH THE AIM OF SATISFYING A DEEP URGE FOR SOMETHING MORE.

BECAUSE, AS JONATHAN JONES SAID: 'THE MAKING OF ART HAPPENS NOT IN A TEMPLE, BUT IN THE MESS OF REAL FLESH-AND-BLOOD LIVES AND LOVES. WHEN IT ENTERS A MUSEUM, IT IS MYTHICALLY REMOVED FROM THAT TANGLE OF HUMAN RELATIONSHIPS AND NEED. THE ONE-NIGHT STAND AIMS TO COUNTER THIS DIVIDE AND WANTS LIFE AND LOVE IN ART AND SPACE TO OCCUR IN ITS EVERY CREVICE. IT WAS CREATED FOR JUST THAT PURPOSE.

CURATE LIFE COMPETITION MUSEUM OF AFRICAN DESIGN



The Sensorium of Time

- To The Future and Back with the Square Kilometre Array -
Carnarvon, South Africa
MMXIII

Abstract

Star gazing is like time-traveling.

"When astronomers peer into the heavens, they also look back in time. Therefore, when scientists observe a galaxy that is a billion light years from Earth, they also see how the star system appeared a billion years in the past because light from the galaxy took a billion years to reach their instruments. This transforms telescopes into time machines that enable astronomers to explore ancient cosmic history. However, unlike earth-bound archaeologists who study old rocks, astronomers examine fossils made of primordial light." (Gabary, 2012; online)

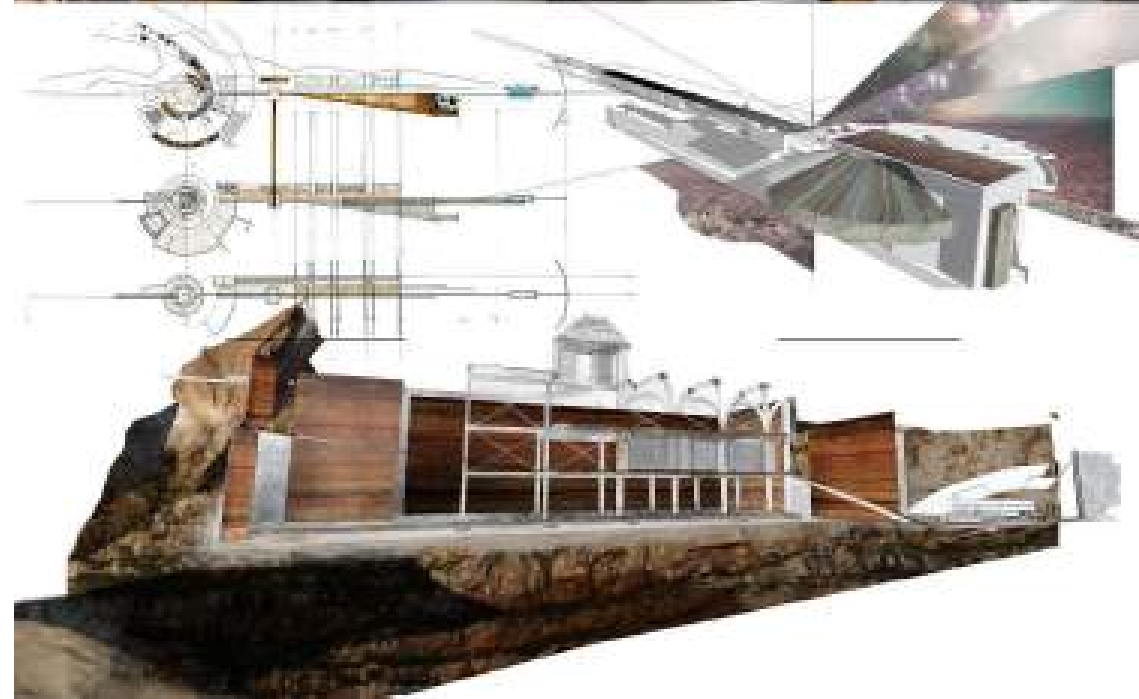
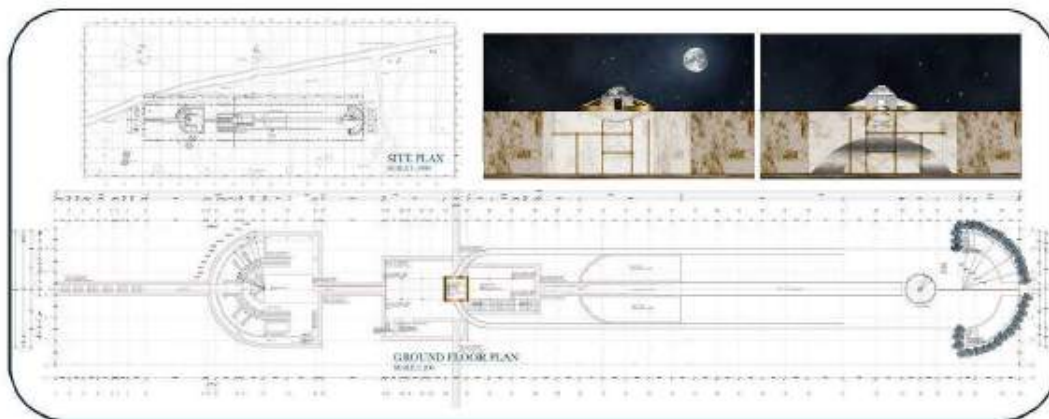
On the now infamous date of 21 December 2012, we honoured the closing of one time cycle and the beginning of the next in 2013. The current year opened a period of transition, in which a sense of time speeding up or disappearing all together gave humans a new awareness of the repetitive nature of cyclical time, which becomes part of infinite linear time conception.

In 2012, South Africa won the bid to host the Square Kilometre Array Radio Telescope, a global science feat, celebrated universally, in the Karoo town of Carnarvon. The main goal of the SKA will be to see back far enough into space that it will transport us 13 billion years into the past to when the Big Bang took place.

To date, there are two ways of traveling back in time. By delving deep into the earth and uncovering age-old secrets through archaeology, one may glimpse into the past. The other involves probing the dark ages – the time between the Big Bang and the first formation of stars and galaxies. The fact that some of the world's most important archaeological sites are located in the central Karoo, together with its astronomical significance, makes for an ideal location for time traveling. To make an abstract concept such as time traveling tangible, one has to look at Archaeoastronomy – the study of how people in the past "have understood the phenomena in the sky and how they used those phenomena in establishing themselves within the time-space continuum.

Through the proposed Design Thesis, an attempt will be made to create an instrument to observe and document the passage of time in both directions. The requisite design complexity of the proposed project lies in the questioning of the typical information container as an architectural typology, when bearing in mind that Radio Astronomy is an abstract science.

The Scientific and Numinous will intertwine to form a Sensorium – the sum of perception, the 'seat of sensation'. The Sensorium will refer to the total character of the unique and changing sensory environments perceived by individuals. These will include the sensation, perception and interpretation of information about the context by using facilities of the mind such as senses, phenomenal and psychological perception, cognition and intelligence. The Sensorium will convey the presence of a reasonably accurate sensory orientation for time, place and person. The Sensorium will ultimately attempt to contain the current Zeitgeist, past memories and presenciations of the future in one time capsule in celebration of the Square Kilometre Array.



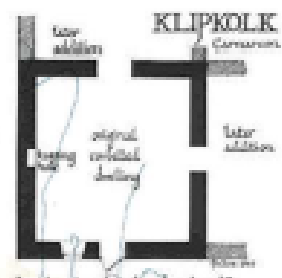


Fig. 10 Plan of Klipkolk showing installed zone

