ARCHITECTURE AND DESIGN

PORTFOLIO

Ignacio Cárdenas

Feb.2018

PROJECTS 2008-2017

1

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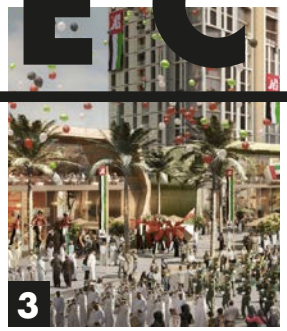
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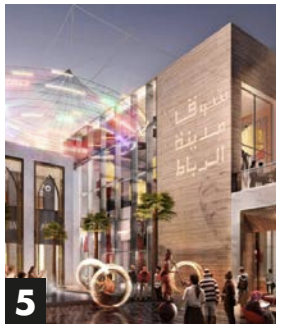
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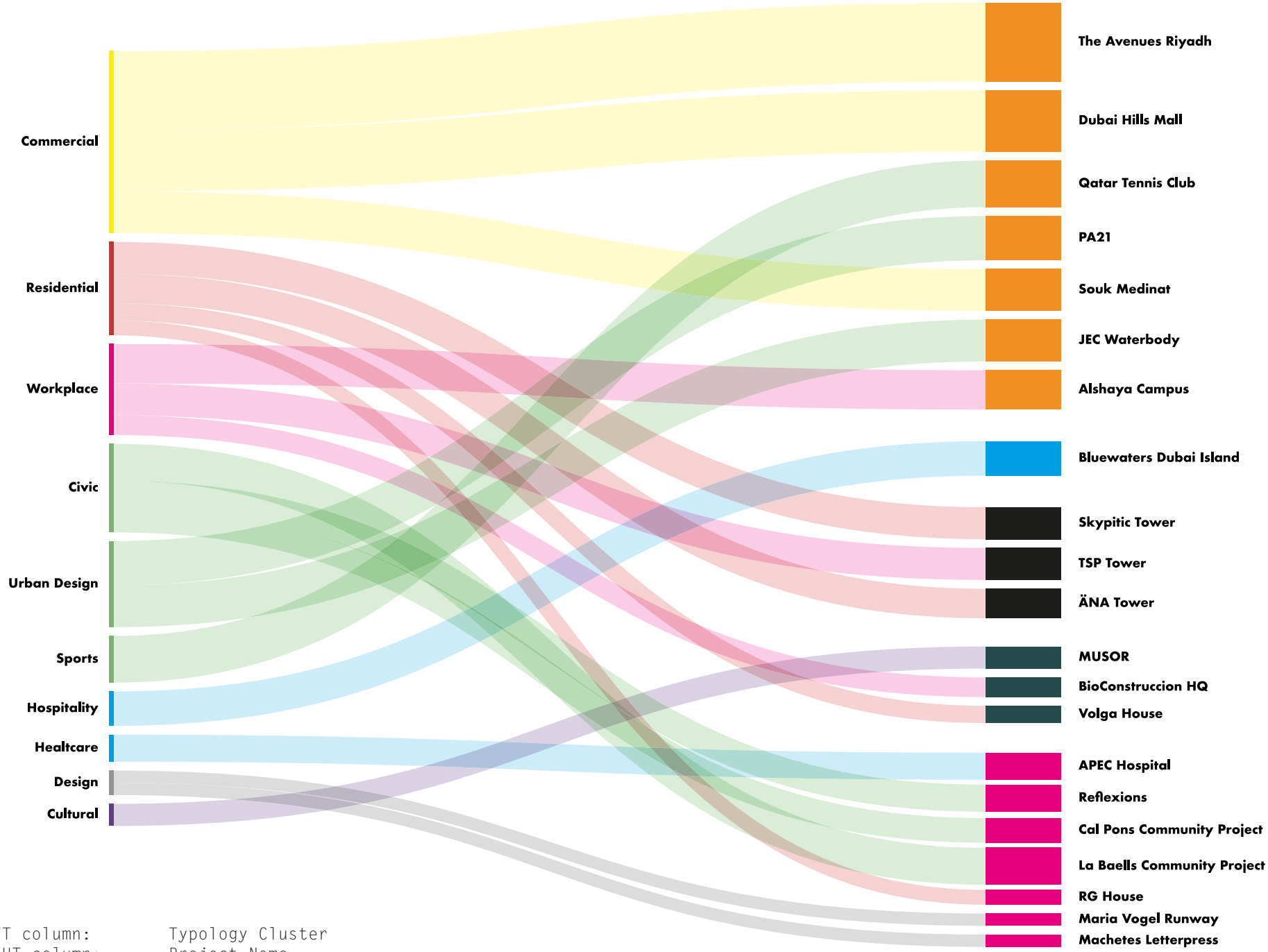
1_The Avenues Riyadh
2_Dubai Hills Mall
3_Qatar Tennis Club
4_PA21
5_Souk Medinat
6_JEC Waterbody
7_Alshaya Campus
8_Bluewaters Dubai Island
9_Skypitic Tower
10_TSP Tower
11_ÄNA Tower
12_MUSOR
13_Bioconstruccion HQ
14_Volga House
15_APEC Hospital
16_Reflexions
17_Cal Pons Community Project
18_La Baells Community Project
19_RG House
20_Maria Vogel Fashion Runway
21_Machetes Letterpress

PROJECTS BY TYPOLOGY
2008-2017



LEGEND.

On the LEFT column: Typology Cluster
On the RIGHT column: Project Name
Branch size: RELATIVE project Scale
Color Code by Office: CRTKL ATKINS RDLP ODA PERSONAL/LACRA

SELECTED PROJECTS

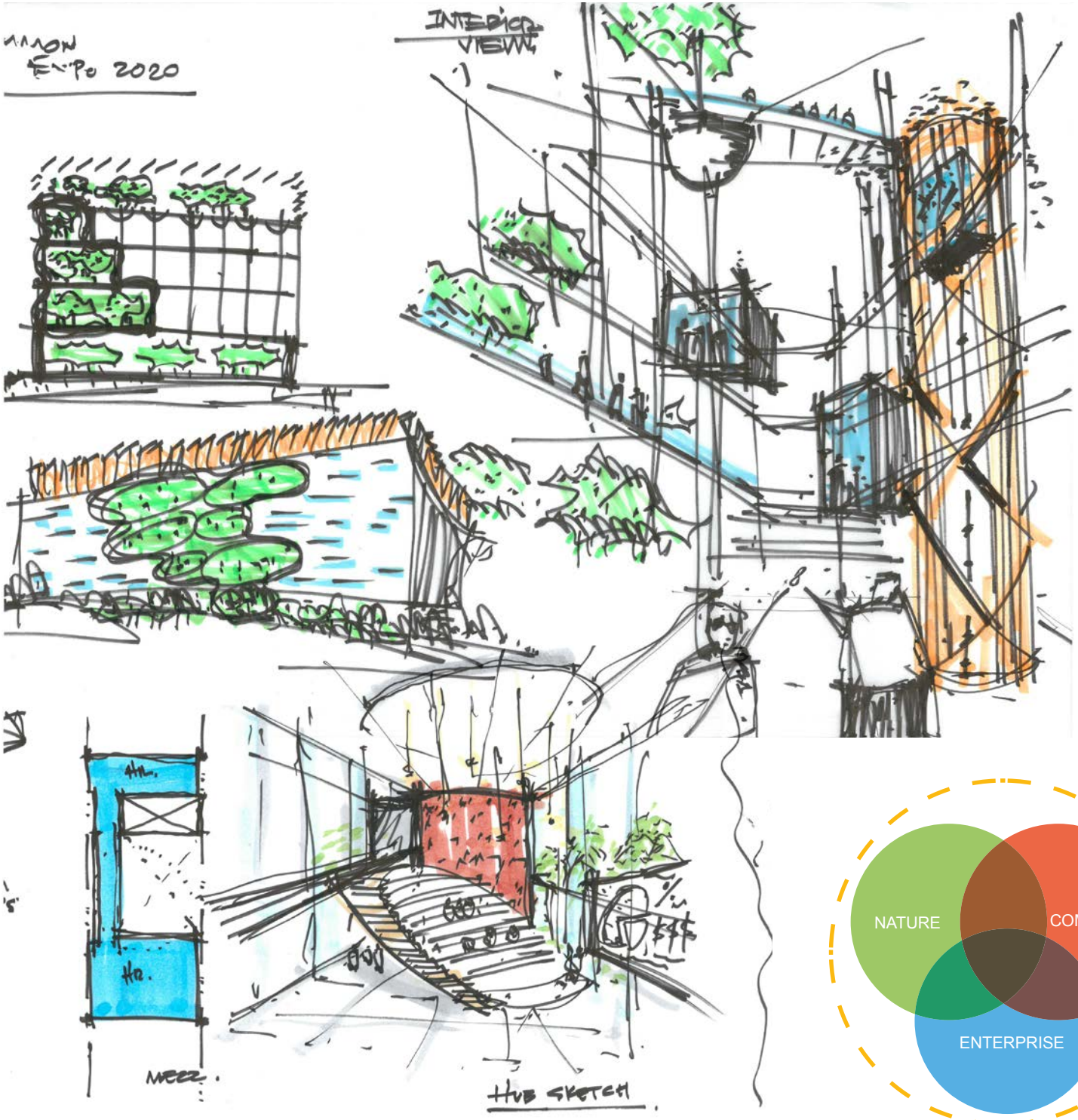
A L C

Collaboration and Work for CRTKL.UAE

Client:
M.H. Alshaya Co.
Name:
Alshaya Campus
Typology:
Mixed Use (Workplace/Retail/Civic)
Location:
Dubai, UAE
Year:
2017
Status:
Under Development for Construction
Consultants:
-
Professional contributions:
Project Architect /
Design Leader from Pre-concept to Schematic Design.

ALSHAYA CAMPUS - DUBAI, UAE

DESCRIPTION / CONCEPT

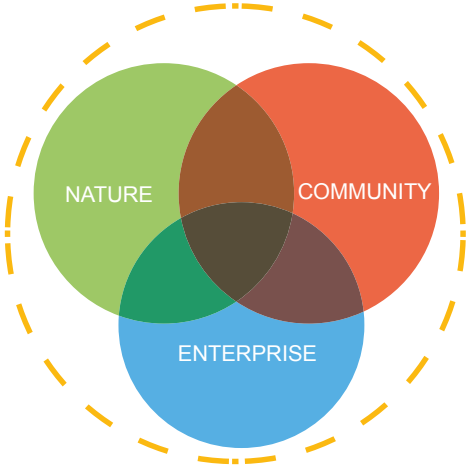


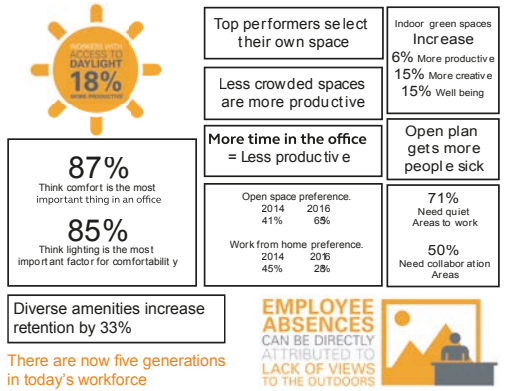
Project Involvement:

- Design Leader (3 pl. Team)
- Research Leader
- Brief development
- Concept development
- Presentation and Storytelling
- Sketch-up model development
- Revit model development and management
- Team organization and schedule
- Schematic development
- Consultants Bid development
- Consultant review and appointment

Skills applied:

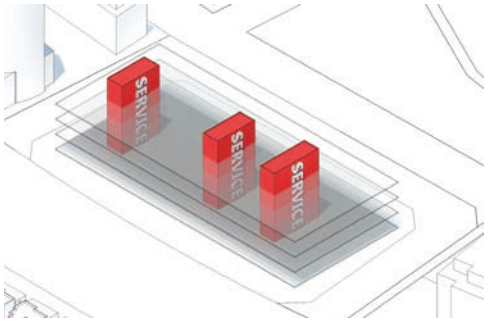
- Concept Sketch
- Adobe InDesign
- Microsoft Excel
- Microsoft Project
- Adobe Photoshop
- Adobe Illustrator
- Autodesk Revit
- Sketch-up

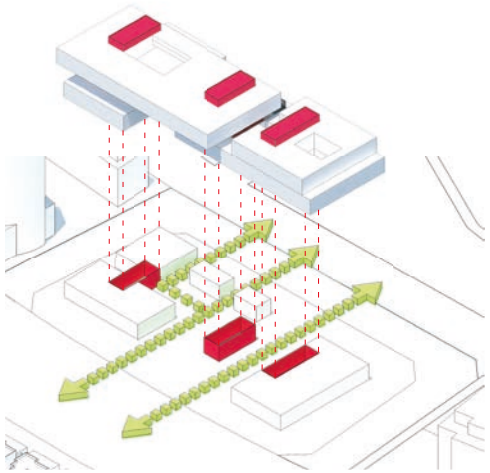


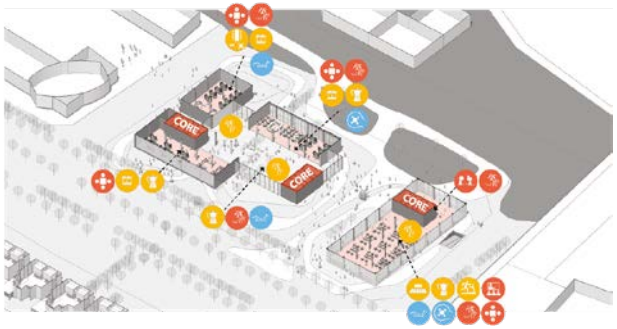


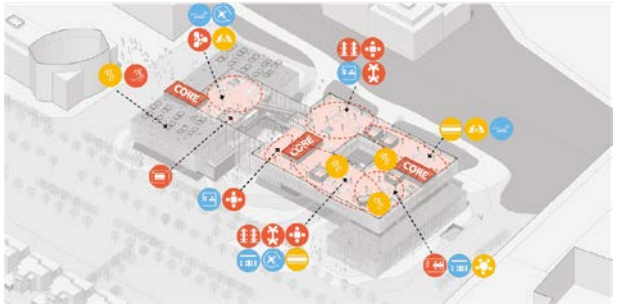
ALSHAYA CAMPUS - DUBAI, UAE

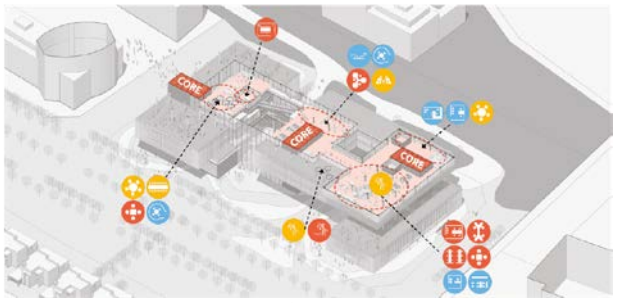
IDEAS / CONCEPT / INTENTIONS

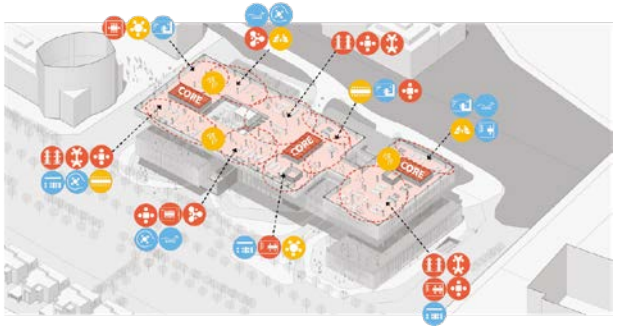


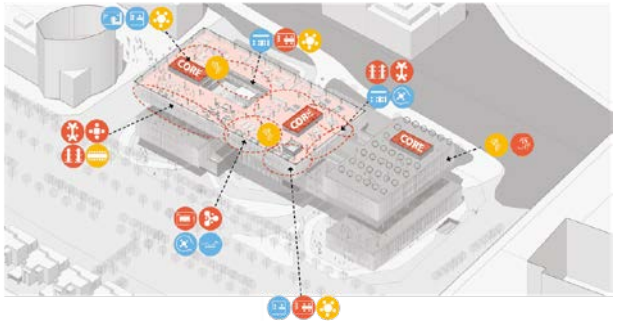


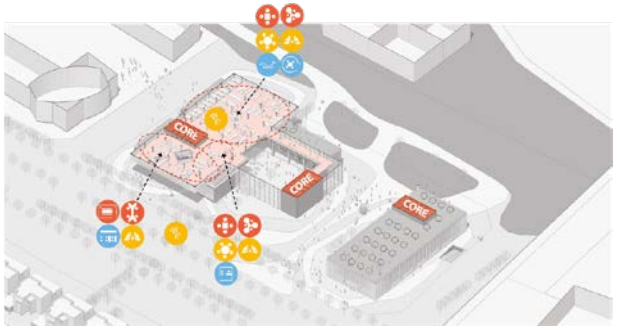


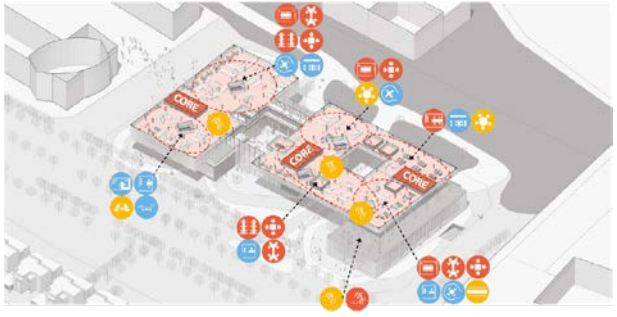


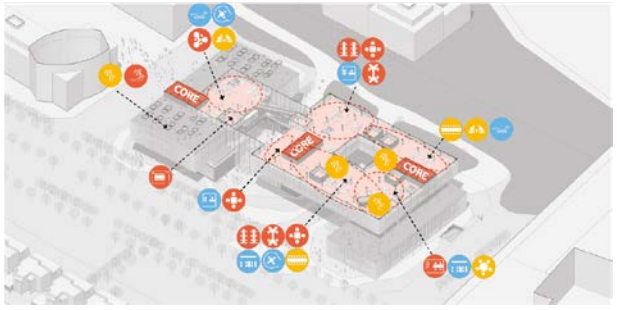


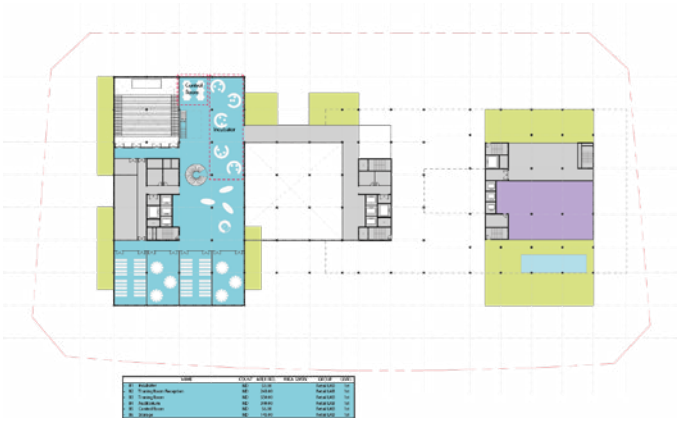


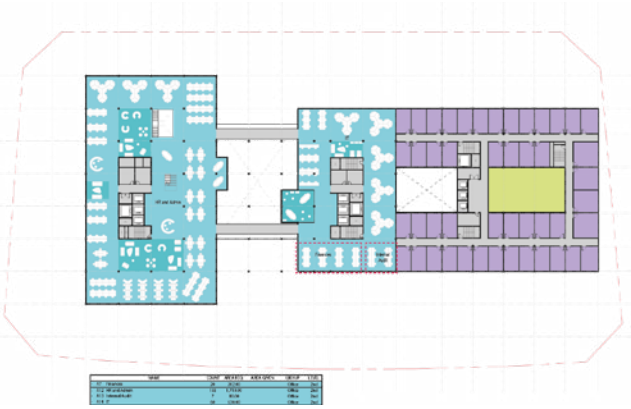


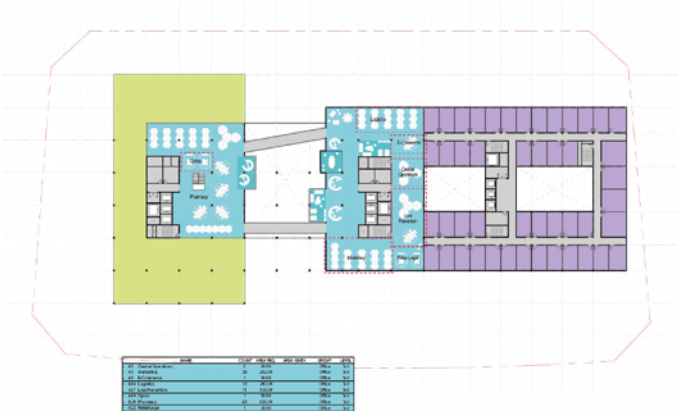


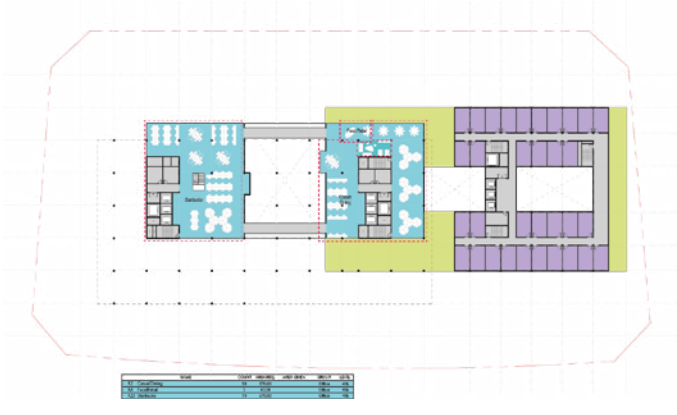


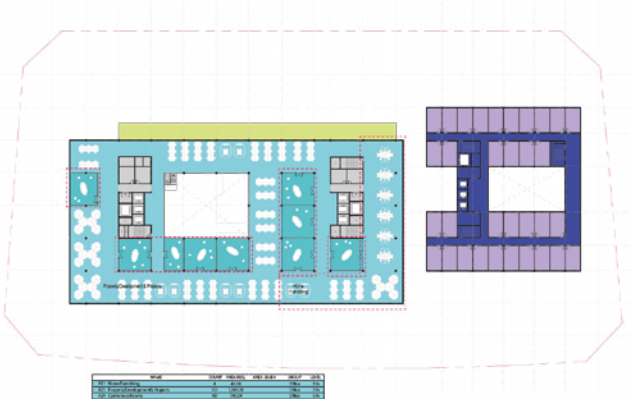












KATSUYA

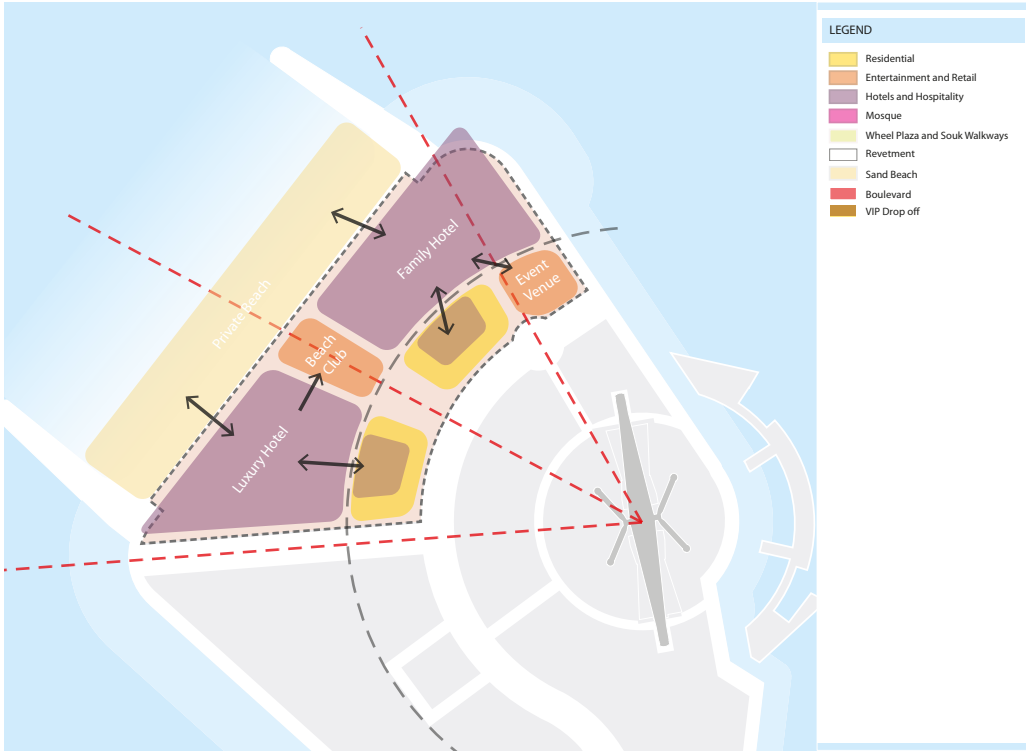
FOUR POINTS
BY SHERATON

ALSHAYA CAMPUS - DUBAI, UAE
ARCHITECTURE

BDI

Collaboration and Work for ATKINS.UAE

Client:
MERAAS /
Mirage, Leisure and Development
Name:
Bluewaters Dubai Island
Typology:
Hospitality
Location:
Dubai, UAE
Year:
2014 - 2015
Status:
Under Construction
Consultants:
-
Professional contributions:
Design Architect, part of the team working on Concept, Schematic and Detail Design stages
Project Architect for Service Apartments, the Beach Club and the Conference Centre.



BLUEWATERS DUBAI ISLAND - DUBAI, UAE

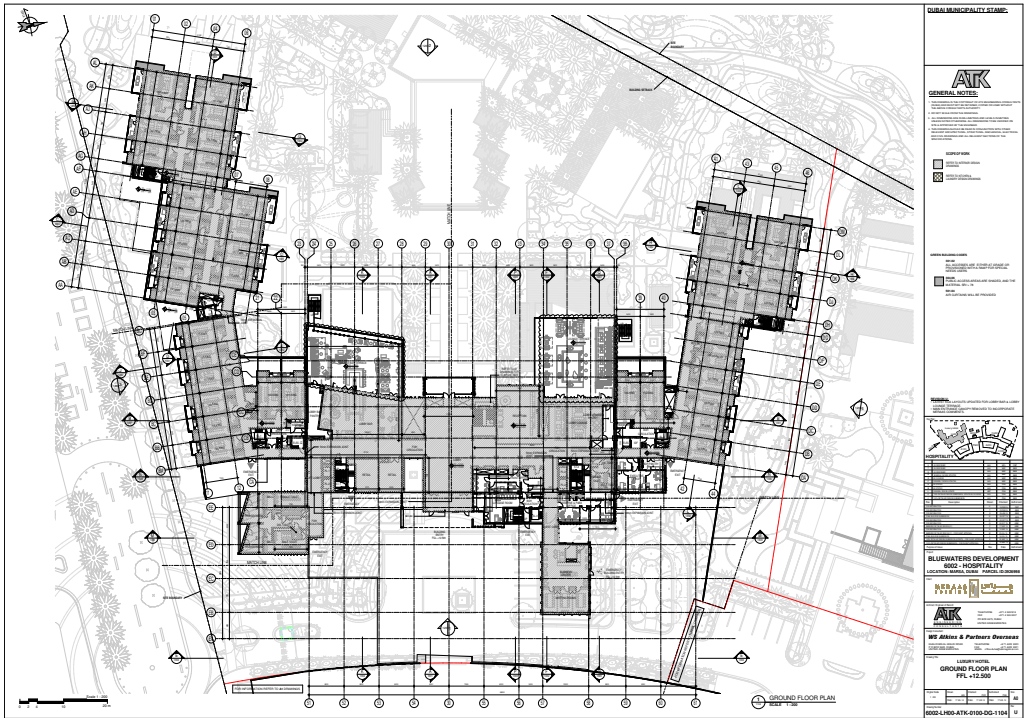
DESCRIPTION / MASTER PLAN

Project Involvement:

- Part of the Design Team (10 pl.)
- Architectural Concept
- Presentation and Storytelling
- Sketch-up model development
- Revit model development and management
- Schematic development
- Design Development
- Construction Documents
- Coordinate Consultants
- Attend Client Meetings
- Project Leader for Service Apartments, the Conference Centre and the Beach Club

Skills applied:

- Concept Sketch
- Adobe InDesign
- Microsoft Excel
- Adobe Photoshop
- Adobe InDesign
- Autodesk Revit
- Sketch-up
- McNeel Rhino



DUBAI MUNICIPALITY STAMP:

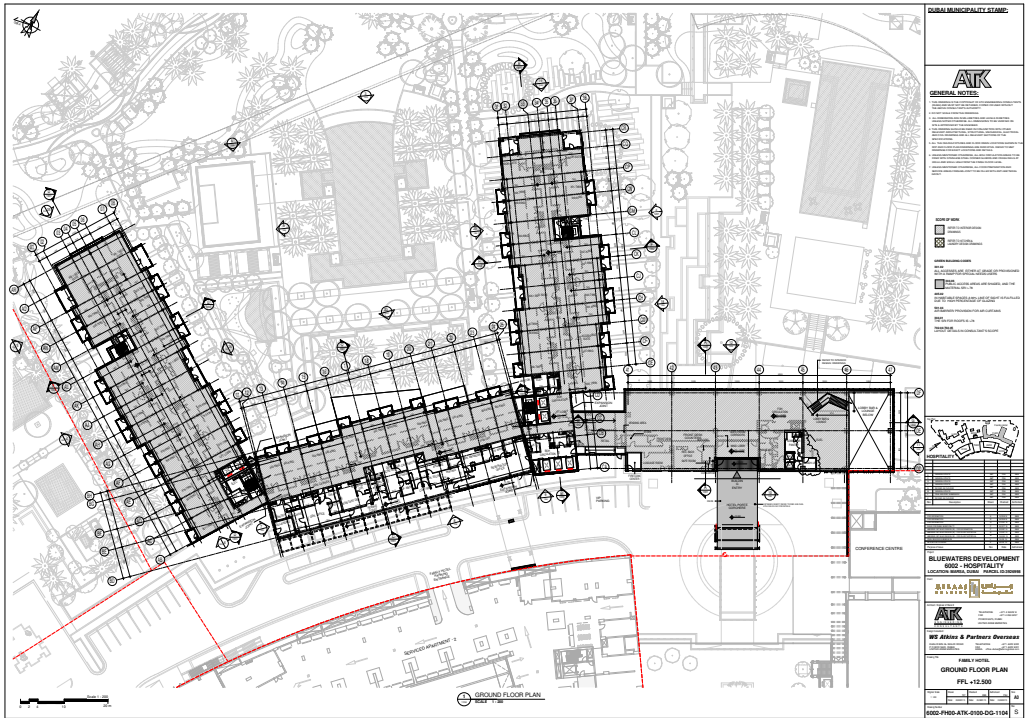
GENERAL NOTES:

BLUEWATERS DEVELOPMENT
6002 - HOSPITALITY
LOCATION: MARSA, DUBAI PARCEL ID:3636666

WS Atkins & Partners Overseas

LUXURY HOTEL
GROUND FLOOR PLAN
FFL +12.500

6002-LH00-ATK-0100-DG-1104 U



DUBAI MUNICIPALITY STAMP:

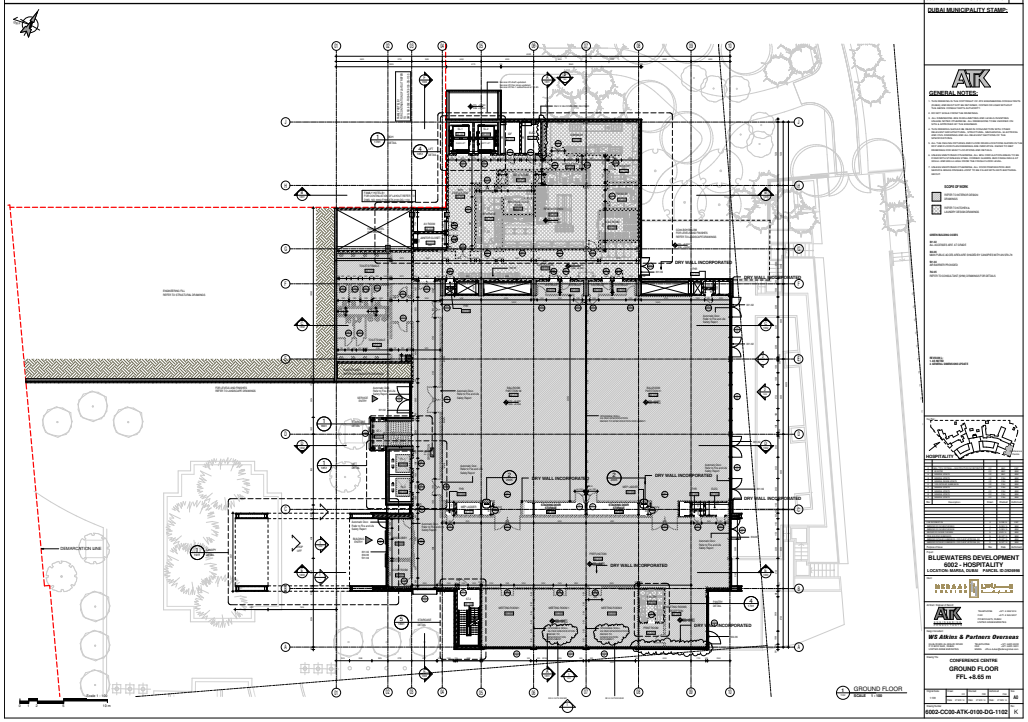
GENERAL NOTES:

BLUEWATERS DEVELOPMENT
6002 - HOSPITALITY
LOCATION: MARSA, DUBAI PARCEL ID:3636666

WS Atkins & Partners Overseas

FAMILY HOTEL
GROUND FLOOR PLAN
FFL +12.500

6002-FH00-ATK-0100-DG-1104 S



DUBAI MUNICIPALITY STAMP:

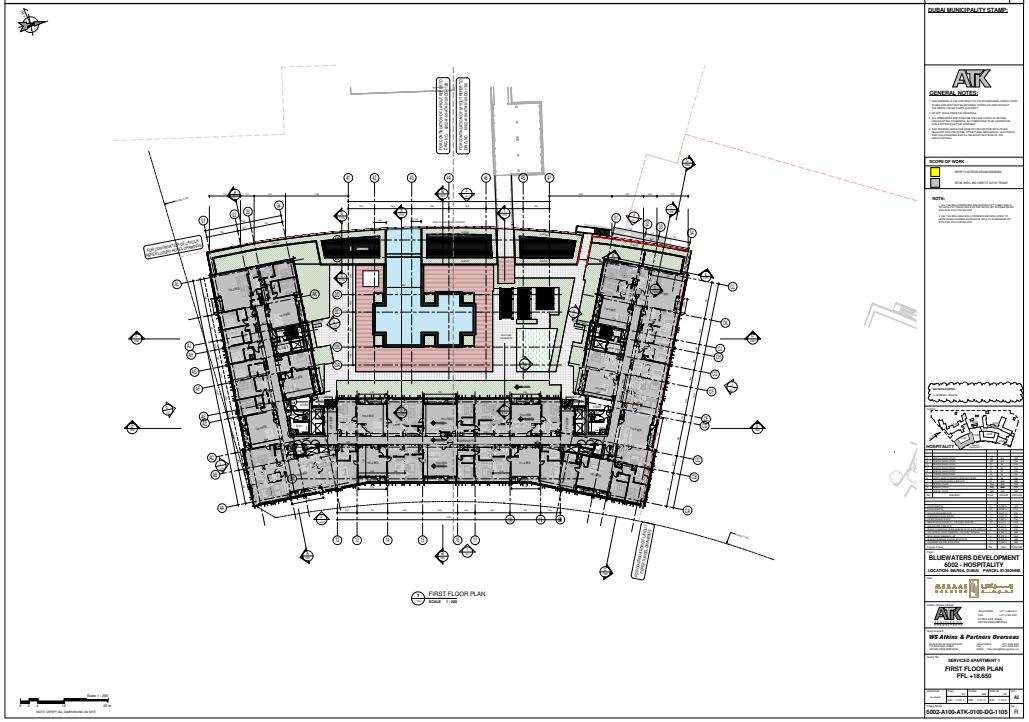
GENERAL NOTES:

BLUEWATERS DEVELOPMENT
6002 - HOSPITALITY
LOCATION: MARSA, DUBAI PARCEL ID:3636666

WS Atkins & Partners Overseas

CONFERENCE CENTRE
GROUND FLOOR
FFL +8.65 m

6002-CC00-ATK-0100-DG-1102 K



DUBAI MUNICIPALITY STAMP:

GENERAL NOTES:

BLUEWATERS DEVELOPMENT
6002 - HOSPITALITY
LOCATION: MARSA, DUBAI PARCEL ID:3636666

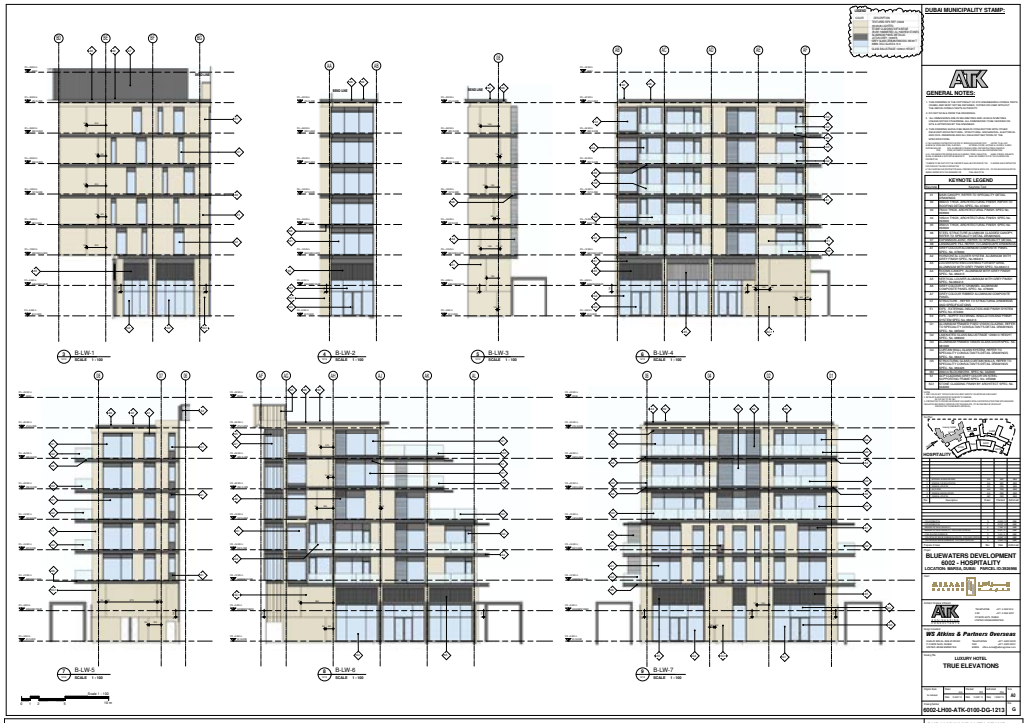
WS Atkins & Partners Overseas

SERVICED APARTMENT 1
FIRST FLOOR PLAN
FFL +16.650

6002-A100-ATK-0100-DG-1105 R

BLUEWATERS DUBAI ISLAND - DUBAI, UAE

DRAWINGS



DUBAI MUNICIPALITY STAMP:

GENERAL NOTES:

KEYNOTE LEGEND

BLUEWATERS DEVELOPMENT
6002 - HOSPITALITY
LOCATION: MARSA, DUBAI PARCEL ID:3926998

WS Atkins & Partners Overseas

LUXURY HOTEL
TRUE ELEVATIONS

6002-LH00-ATK-0100-DG-1213 G

DUBAI MUNICIPALITY STAMP:

GENERAL NOTES:

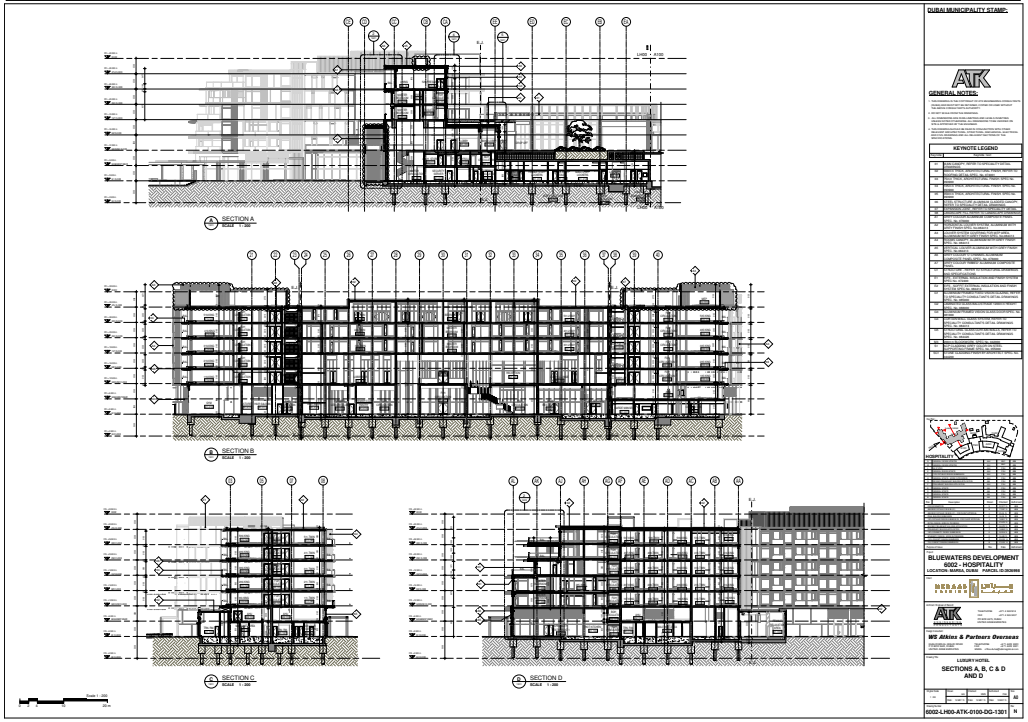
KEYNOTE LEGEND

BLUEWATERS DEVELOPMENT
6002 - HOSPITALITY
LOCATION: MARSA, DUBAI PARCEL ID:3926998

WS Atkins & Partners Overseas

LUXURY HOTEL
PART ELEVATIONS 3 AND WALL SECTIONS 3 & 3A

6002-LH00-ATK-0100-DG-1602 J



DUBAI MUNICIPALITY STAMP:

GENERAL NOTES:

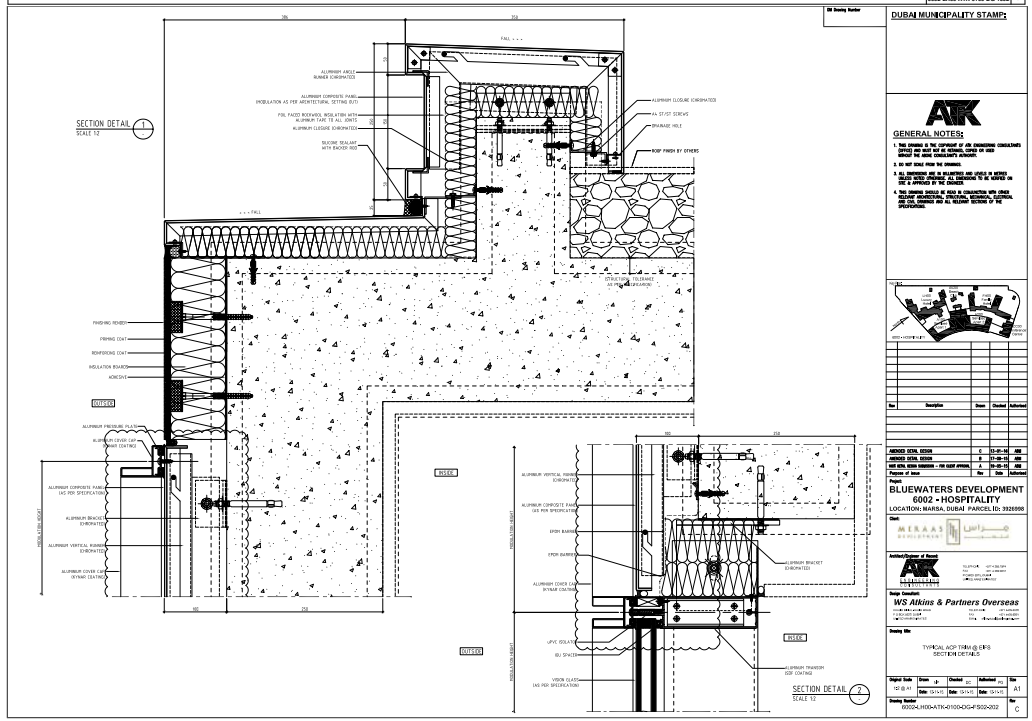
KEYNOTE LEGEND

BLUEWATERS DEVELOPMENT
6002 - HOSPITALITY
LOCATION: MARSA, DUBAI PARCEL ID:3926998

WS Atkins & Partners Overseas

LUXURY HOTEL
SECTIONS A, B, C & D AND D

6002-LH00-ATK-0100-DG-1301 N



DUBAI MUNICIPALITY STAMP:

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3. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS IN METRES UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE VERIFIED ON SITE & APPROVED BY THE ENGINEER.
4. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH OTHER ARCHITECTURAL, STRUCTURAL AND SERVICES DRAWINGS AND ANY OTHER DRAWINGS AND ALL RELEVANT SECTIONS OF THE SPECIFICATIONS.

No	Description	Drawn	Checked	Authorised
	MEP/HVAC DESIGN REVISION	C	13-01-22	ABB
	MEP/HVAC DESIGN REVISION	B	17-08-21	ABB
	MEP WORK WORK SUBMISSION - FOR COURT APPROVAL	A	19-05-21	ABB
	Purpose of Issue	Rev	Date	Authorised

BLUEWATERS DEVELOPMENT
6002 - HOSPITALITY
LOCATION: MARSA, DUBAI PARCEL ID: 3926998

WS Atkins & Partners Overseas

TYPICAL ACP TRIM @ EIFS SECTION DETAILS

Original Scale: 1:2 @ A1 | Drawn: JP | Checked: ... | Authorised: ... | Date: 13/1/22 | Size: A1

Drawing Number: 6002-LH00-ATK-0100-DG-FS02-2032 | Rev: C

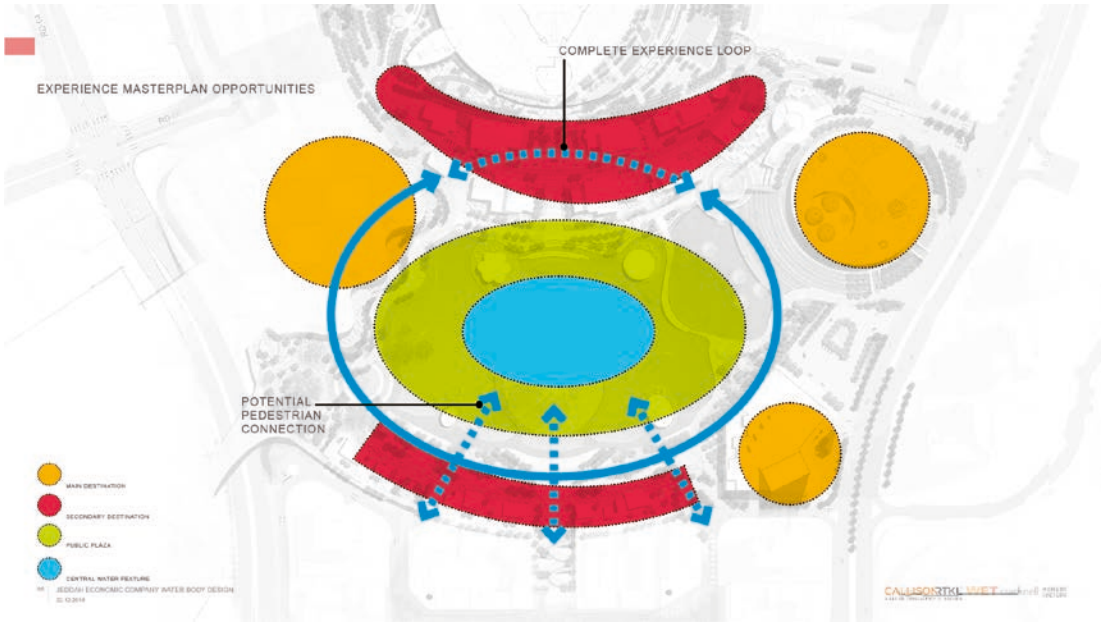
BLUEWATERS DUBAI ISLAND - DUBAI, UAE

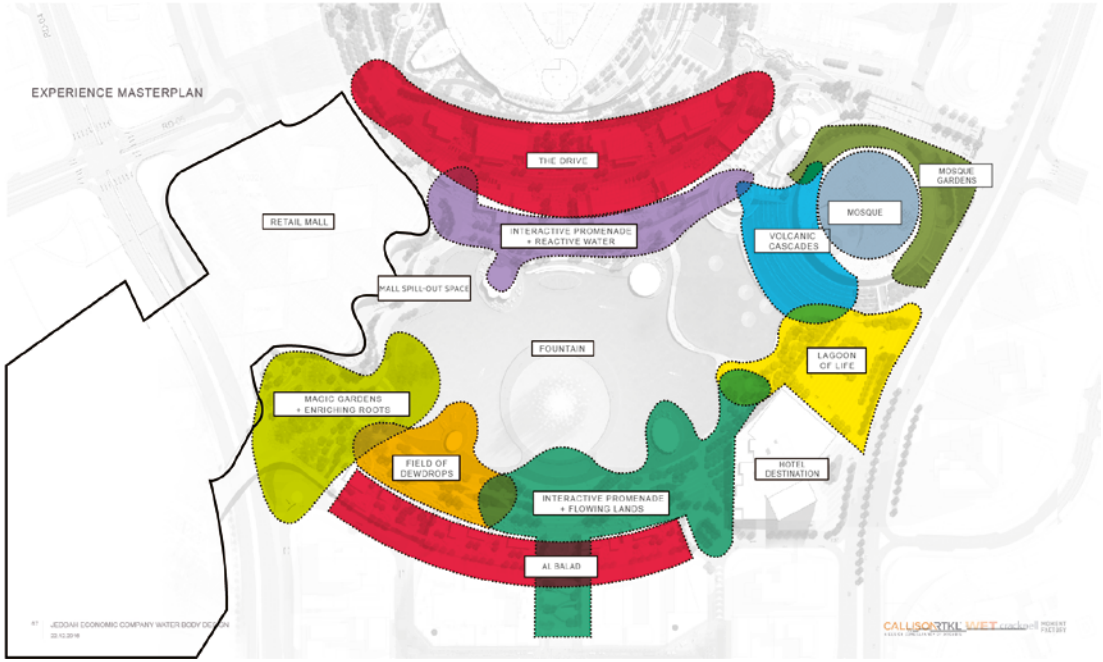
ARCHITECTURE

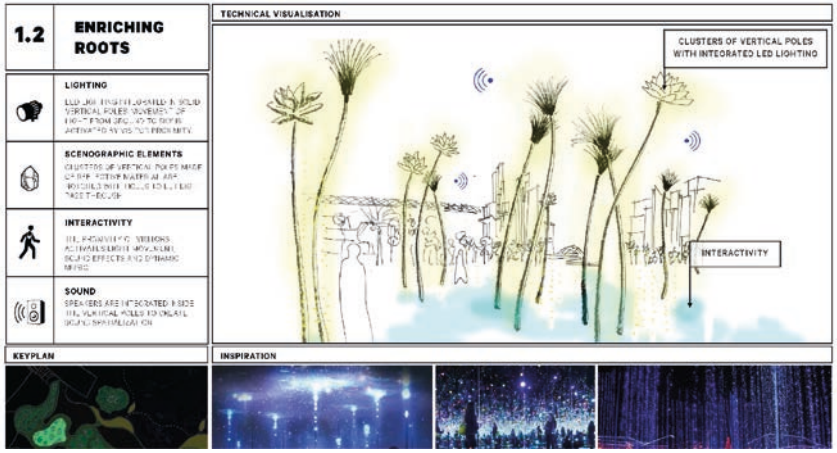
JEC

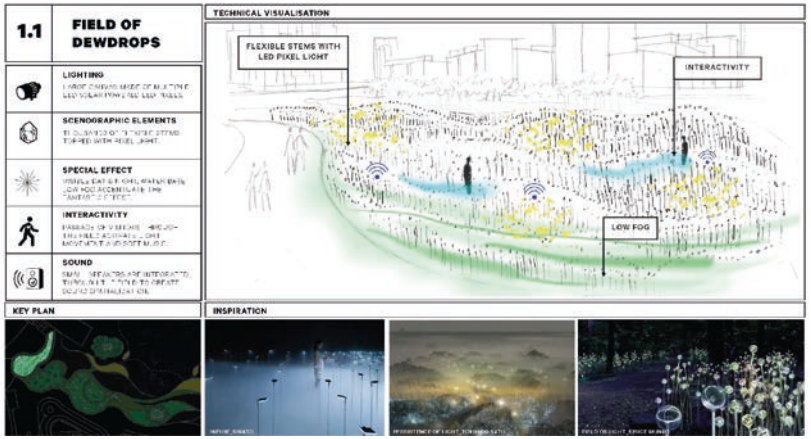
Collaboration and Work for CRTKL.UAE

Client:
Jeddah Economic Company
Name:
Jeddah Economic City
Typology:
Urban Planning & Mixed Use
(Retail/Civic/Hospitality)
Location:
Jeddah, KSA
Year:
2016-2017
Status:
Under Construction
Consultants:
-
Professional contributions:
Design Architect /
Design Leader from Pre-concept to
Schematic Design

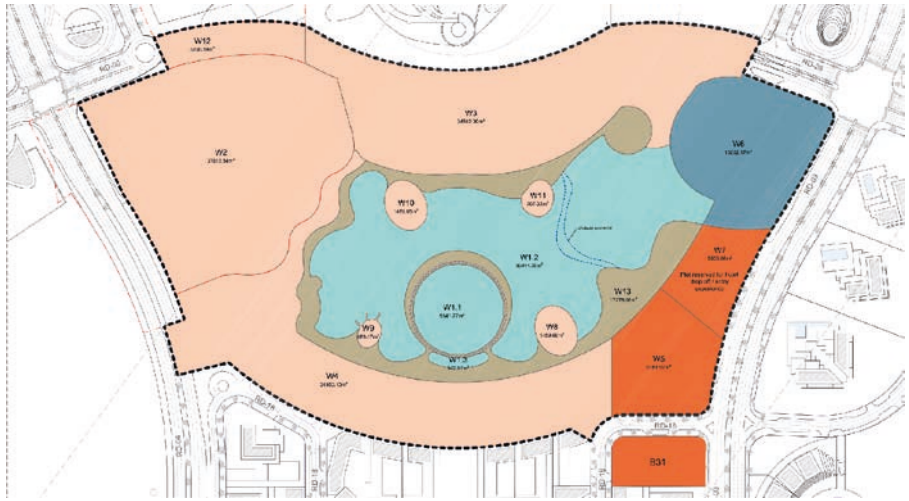

EXPERIENCE MASTERPLAN OPPORTUNITIES
COMPLETE EXPERIENCE LOOP
POTENTIAL PEDESTRIAN CONNECTION
MAIN DESTINATION
SECONDARY DESTINATION
PUBLIC PLAZA
CENTRAL WATER FEATURE


EXPERIENCE MASTERPLAN
THE DRIVE
RETAIL MALL
INTERACTIVE PROMENADE + REACTIVE WATER
MALL SPILL-OUT SPACE
MOSQUE GARDENS
MOSQUE
VOLCANIC CASCADES
FOUNTAIN
LAGOON OF LIFE
MAGIC GARDENS + ENRICHING ROOTS
FIELD OF DEWDROPS
HOTEL DESTINATION
INTERACTIVE PROMENADE + FLOWING LANDS
AL BALAD


1.2
ENRICHING ROOTS
LIGHTING
SCENOGRAPHIC ELEMENTS
INTERACTIVITY
SOUND
TECHNICAL VISUALISATION
CLUSTERS OF VERTICAL POLES WITH INTEGRATED LED LIGHTING
INTERACTIVITY
KEYPLAN
INSPIRATION


1.1
FIELD OF DEWDROPS
LIGHTING
SCENOGRAPHIC ELEMENTS
SPECIAL EFFECT
INTERACTIVITY
SOUND
TECHNICAL VISUALISATION
FLEXIBLE STEMS WITH LED PIXEL LIGHT
INTERACTIVITY
LOW FOG
KEY PLAN
INSPIRATION

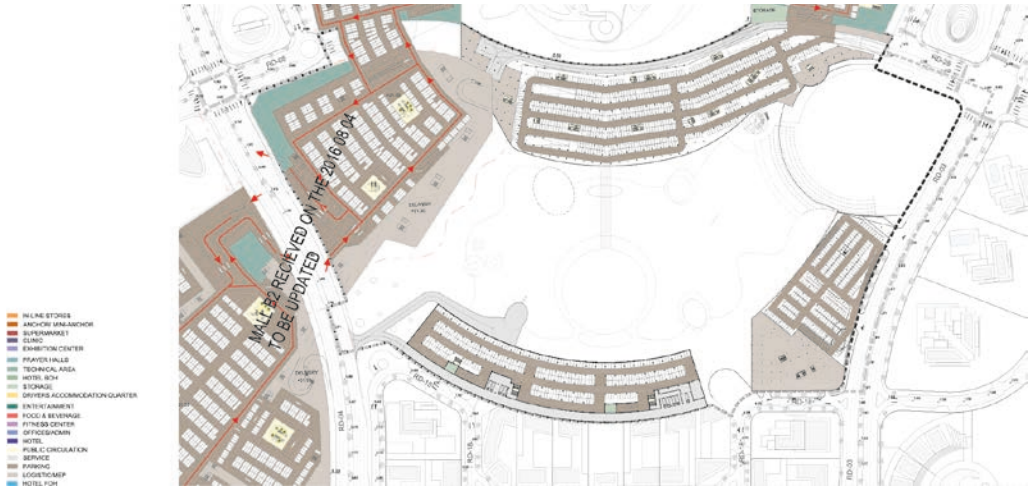
JEC WATERBODY - JEDDAH, KSA
DRAWINGS

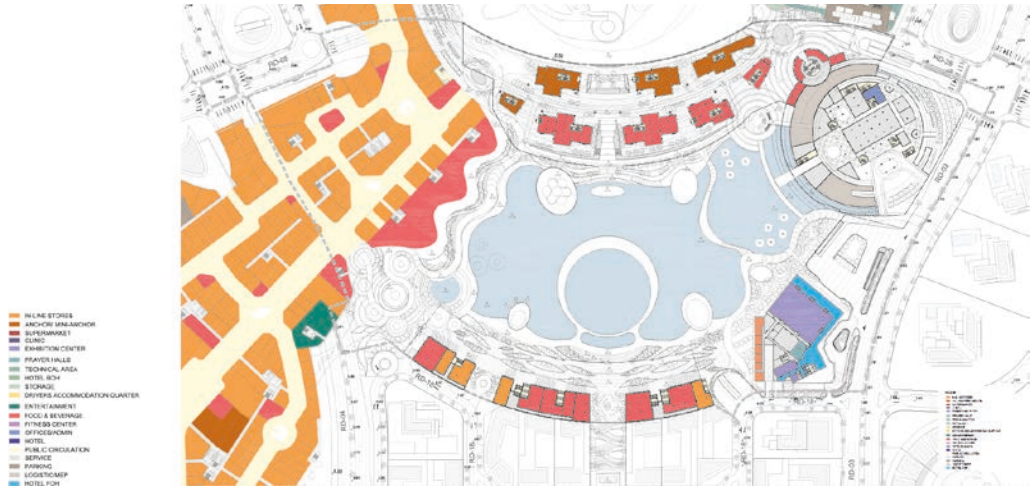


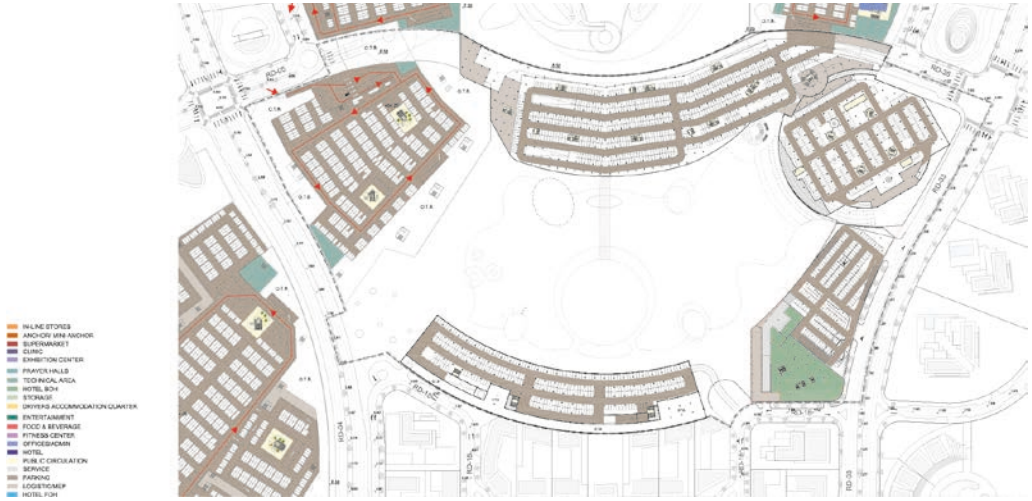
JEC WATERBODY DISTRICT

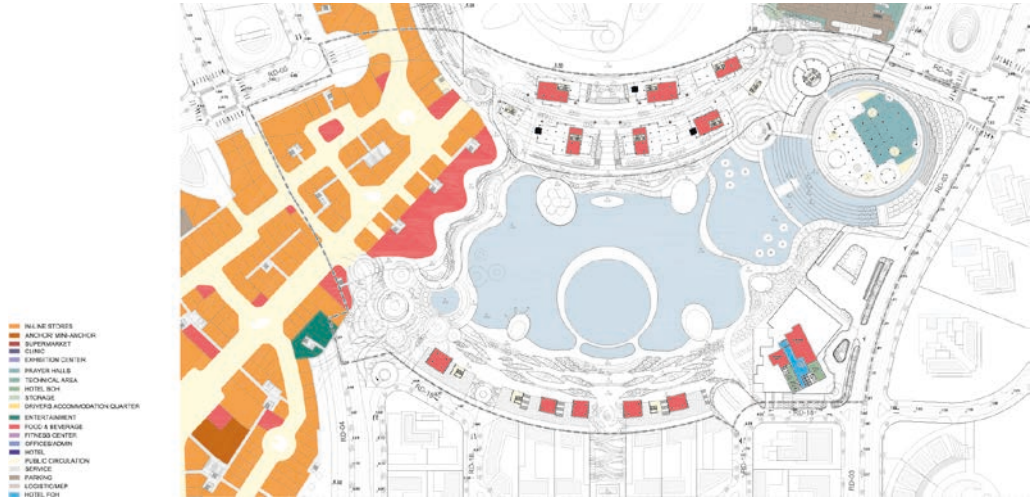
Plot no.	Plot Area (m2)	LAND USE		FAR CALCULATIONS		GFA BREAKDOWN						PARKING & SERVICES			
		Main Use	Sub Use	FAR	Total GFA (Sq. M.)	Mall Retail (Sq. M.)	Retail / F&B (Sq. M.)	Hotel (Sq. M.)	Service Apartments (Sq. M.)	Public Facility (Sq. M.)	Retail / F&B Terrace	BASEMENT 1 (Sq.M.)	BASEMENT 2 (Sq.M.)	BASEMENT 3 (Sq.M.)	Parking Bays (No.)
W1.1	3,547	WATER	WATER FEATURE	0.00	0	0	0	0	0	0		-	-	-	-
W1.2	35,919	WATER	WATER FEATURE	0.00	0	0	0	0	0	0		-	-	-	-
W1.3	543	WATER	WATER FEATURE	0.00	0	0	0	0	0	0		-	-	-	-
W2	54,544	COMMERCIAL	RETAIL	0.70	38,000	0	10,000	0	0	0	0	33,000	33,000		1,111
W3	31,013	COMMERCIAL	RETAIL	0.25	8,103	0	8,103	0	0	0	4,543	13,031	17,059		570
W5	9,163	HOSPITALITY	HOTEL	2.84	26,011	0	0	26,011	0	0		14,047	9,424	9,424	574
W11	3,996	HOSPITALITY	HOTEL/SERVICED APARTMENTS	5.50	21,979	0	0	0	21,820	0					
W6	15,787	PUBLIC FACILITIES	JUMA MOSQUE	0.89	13,990	0	0	0	0	13,990		16,222	0		207
W7	3,556	OPEN SPACE	OPEN SPACE / ACCESS	0.00	0	0	0	0	0	0		-	-	-	-
W8	1,460	COMMERCIAL	RETAIL	1.00	1,460	0	1,460	0	0	0		-	-	-	-
W9	486	COMMERCIAL	RETAIL	1.00	486	0	486	0	0	0		-	-	-	-
W10	1,460	COMMERCIAL	RETAIL	1.00	1,460	0	1,460	0	0	0		-	-	-	-
W11	788	COMMERCIAL	RETAIL	1.00	788	0	788	0	0	0		-	-	-	-
W12	6,000	COMMERCIAL	MALL												
W13	17,278	OPEN SPACE	OPEN SPACE + LANDSCAPE	0.00	0	0	0	0	0	0		-	-	-	-
Total	186,473	-	-	-	78,679	0	32,357	26,011	21,820	13,990	4,543	77,300	59,424	9,424	2,467

Note: Mall Areas and GFA to be provided by others







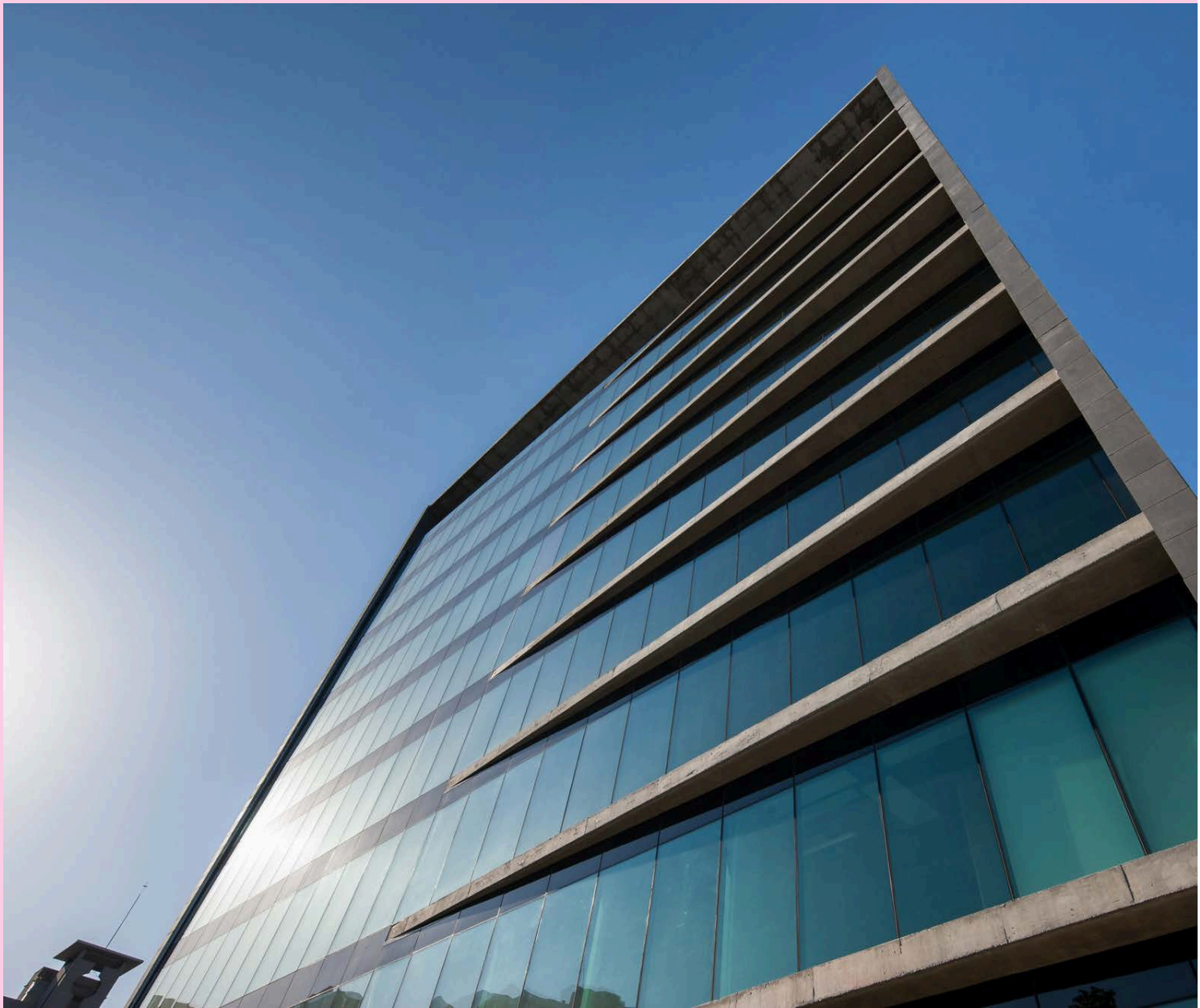


JEC WATERBODY - JEDDAH, KSA
ARCHITECTURE

TSP

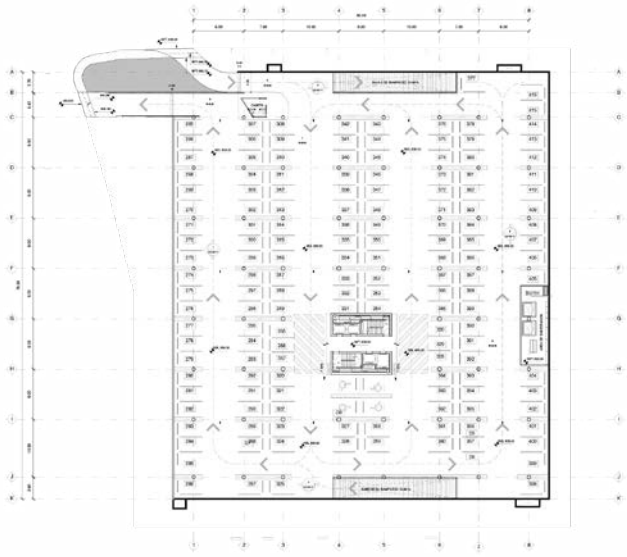
Collaboration and Work for RDLP.MX

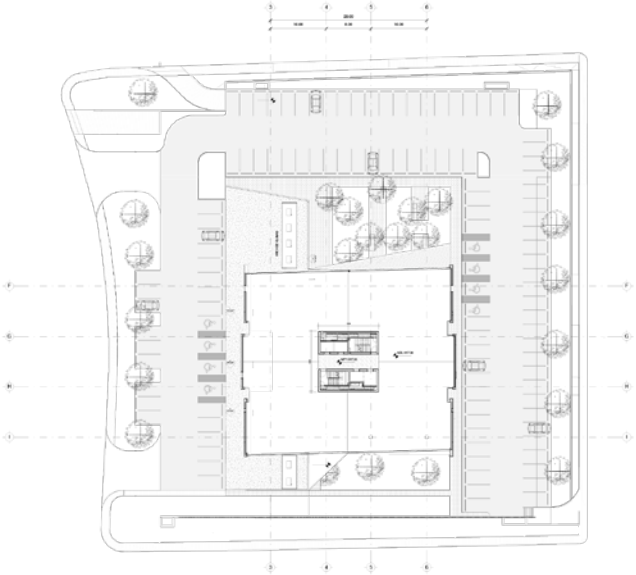
Client:
Martel Conceptos Inmobiliarios
Name:
Torre San Pedro
Typology:
Workspace
Location:
Nuevo Leon, Mex
Year:
2013-2014
Status:
Finished
Consultants:
-
Professional contributions:
Design Architect from Concept trough Delivery Stage.
Design Development
Construction Documentation



TORRE SAN PEDRO - NUEVO LEON, MEXICO

DESCRIPTION / DRAWINGS



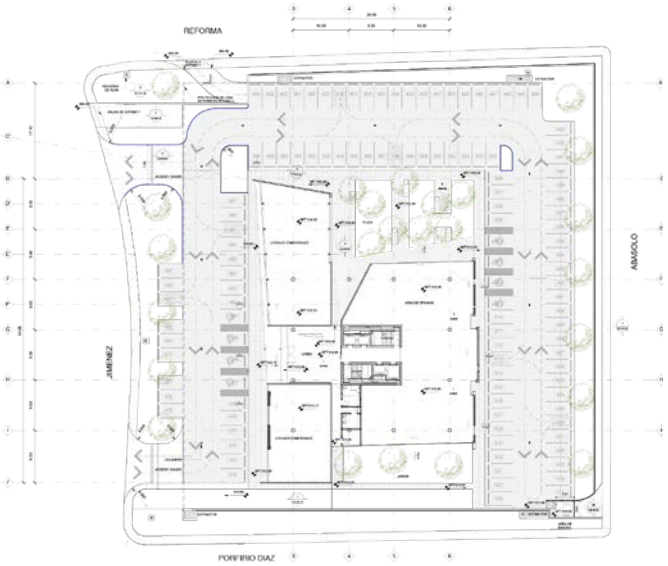


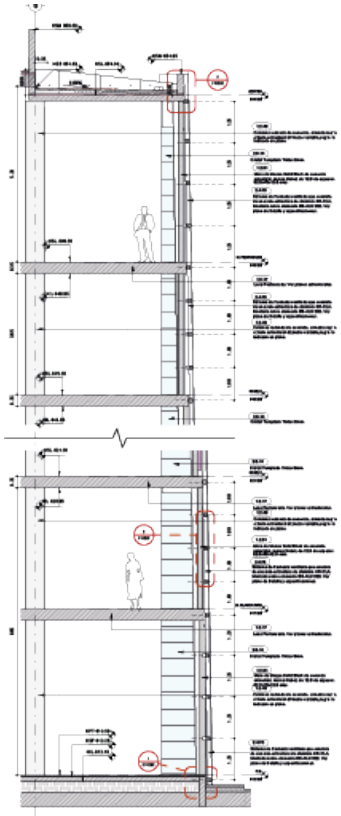
Project Involvement:

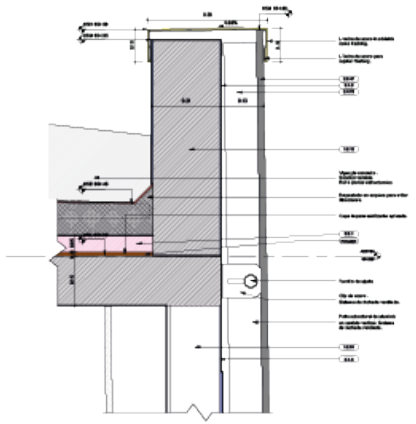
- Design Team Leader
- Concept development
- Schematic development
- Design Development
- Construction Documents
- Coordinate Consultants
- Coordinate Contractors

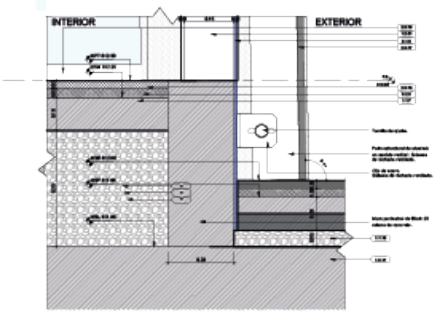
Skills applied:

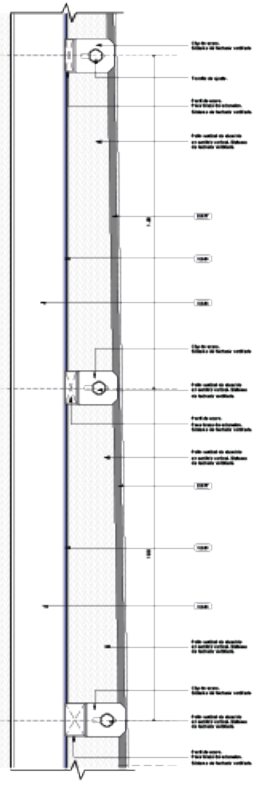
- Microsoft Project
- Microsoft Excel
- Autodesk Revit
- Autodesk AutoCAD





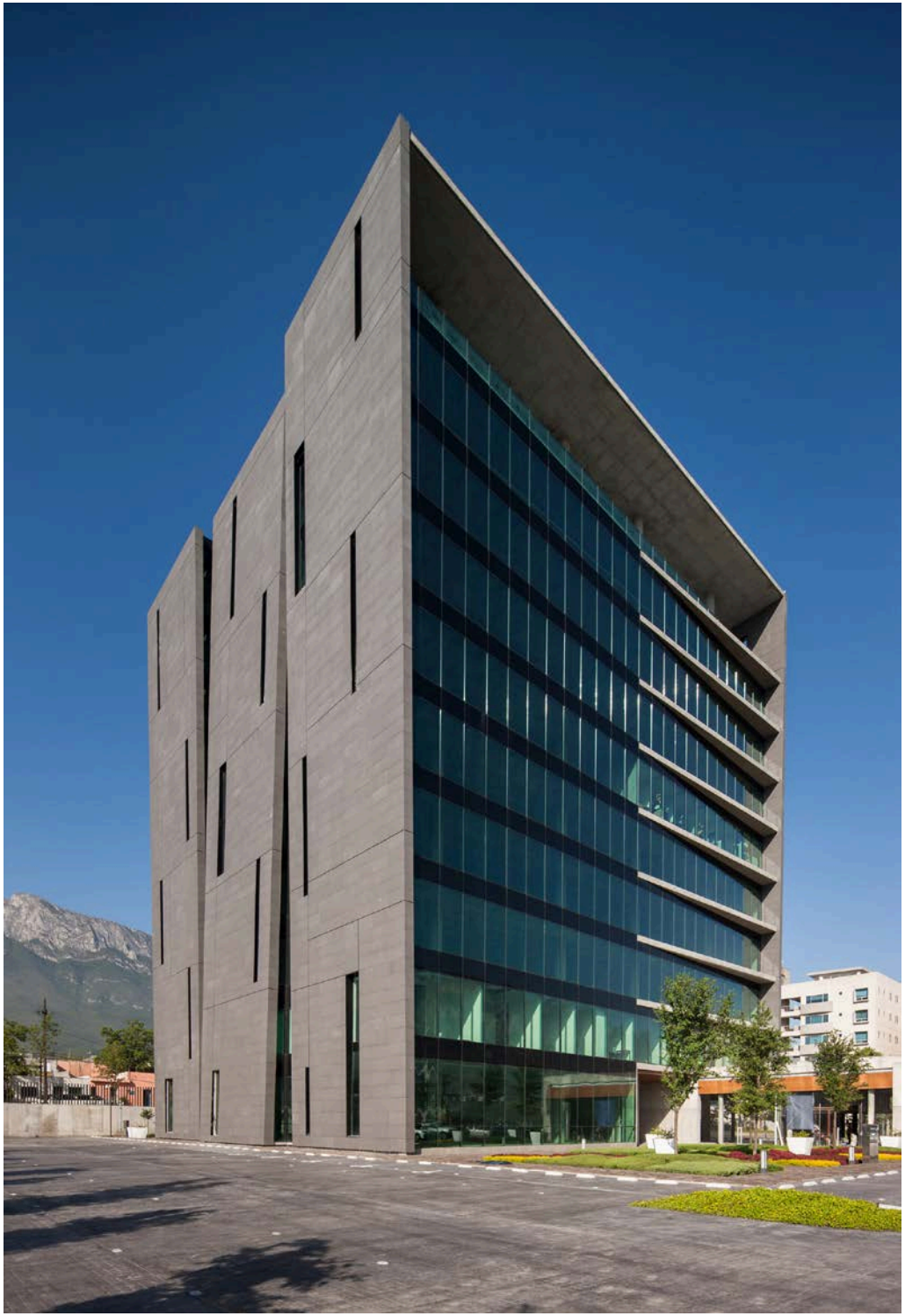


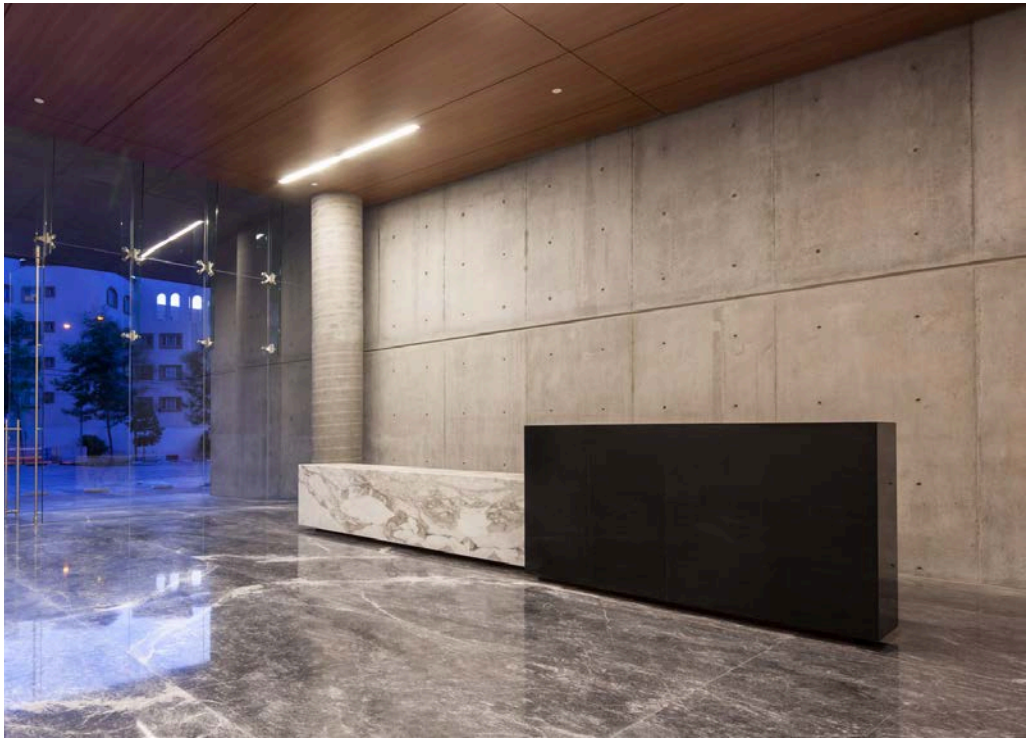




TORRE SAN PEDRO - NUEVO LEON, MEXICO

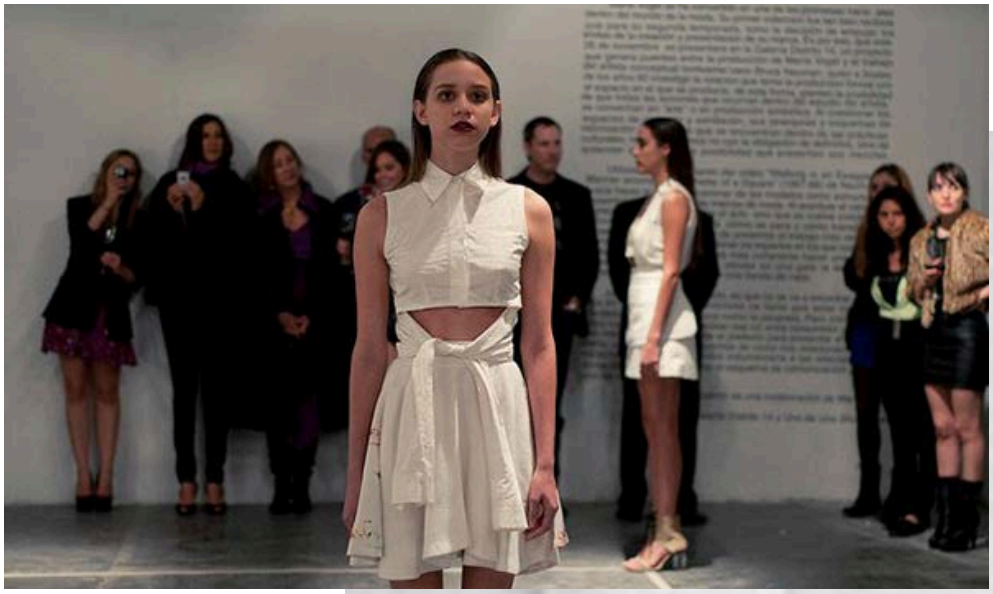
ARCHITECTURE





PERSONAL PROJECTS

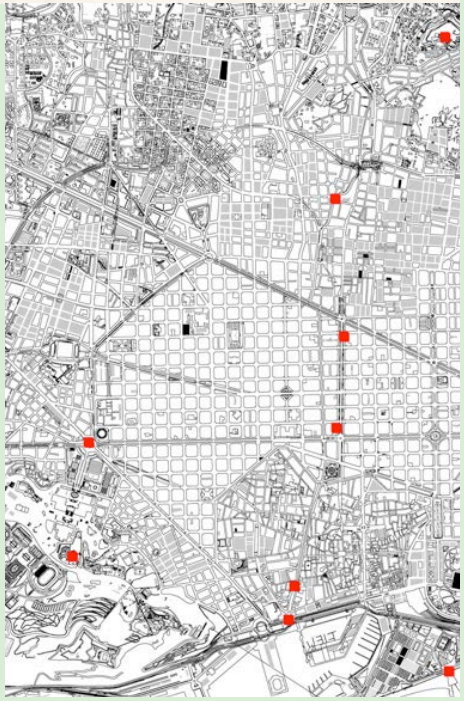
(That I like to talk about)



Maria Vogel

The second runway Maria Vogel emerges as a pretext to join the world of fashion with art. This fashion show is a replica of parts contextualized study of American artist Bruce Nauman.

FilmoTeca
de Catalunva



FilmoTeca
de Catalunva

FilmoTeca
de Catalunva

FilmoTeca
de Catalunva

REFLEXIONS - CAMPAIGN

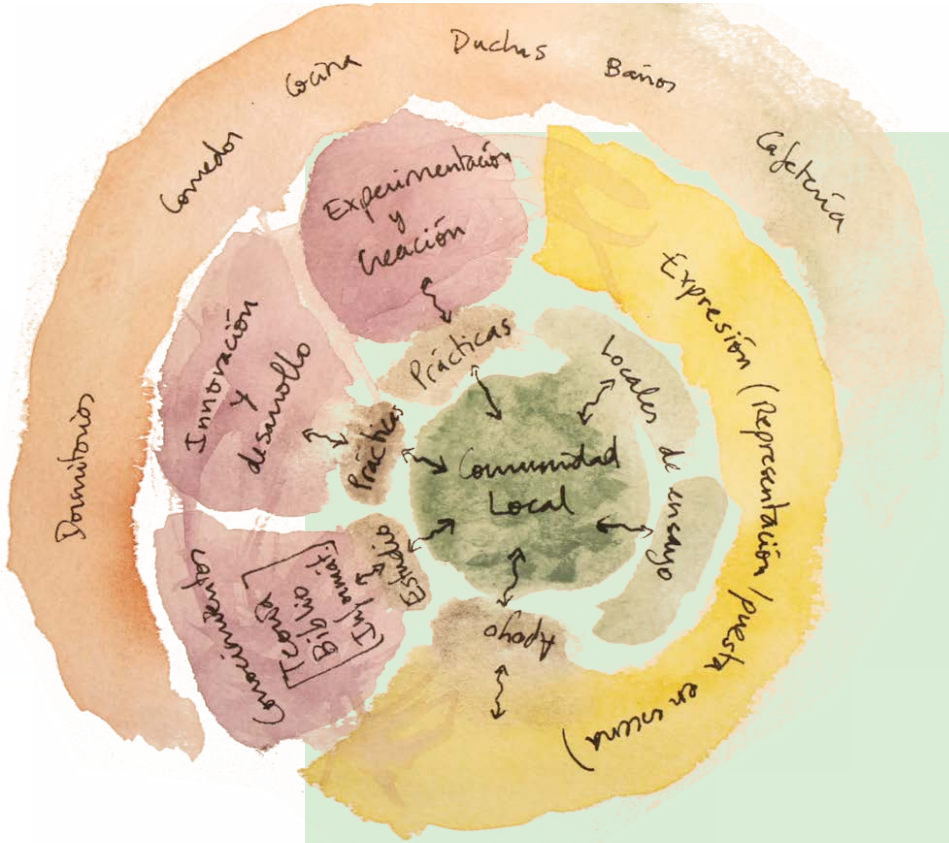
Reflexions is a positioning project for the Film Archive of Barcelona.

A canonical building suffering from rejection by the neighbourhood where it is located, Reflexions aims to increase the sense of belonging between these two parties, and also announces a film series designed to show the neighbourhood and the Catalans, the different perspectives for their city that exist in the cinema world.

de Catalunya
Una instalació de la Filmoteca de Catalunya
març - setembre 2013

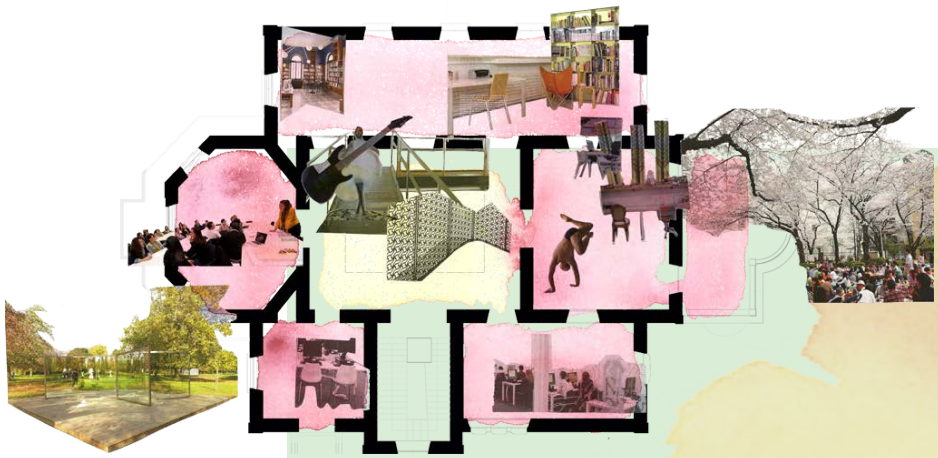
de Catalunya

FilmoTeca
Generalitat de Catalunya
Departament de Cultura
Tap to activate
Summary
Share on facebook
Share on twitter



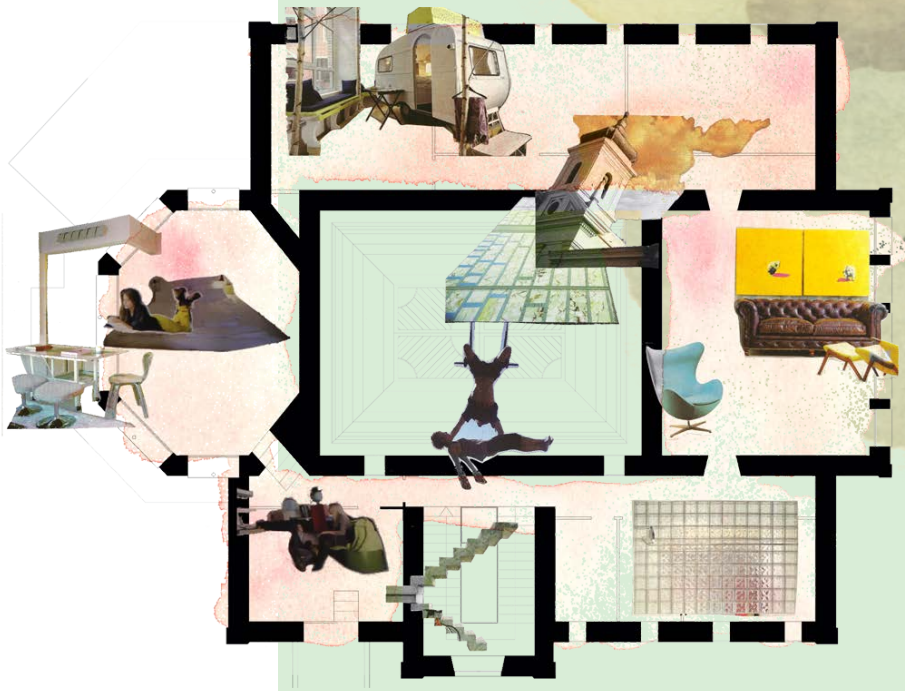
CALPONS COMMUNITY PROJECT

This development project tries to solve a real problematic for abandonment of a village on the outskirts of Barcelona. A people who despite their long industrial history recessions have pushed to the brink of extinction.
The project proposes to develop a program for the arts, where each of the seven communities in the area housed in public buildings and residential summer schools for international artists. The architectural solution is clean, and only attempts to reuse abandoned structures, appropriating an architectural program spaces.
The communication of this project had to be effective in order to old people and in turn should evoke the arts, that's why we solve right through collages that mix, actual photos of the place with ideas taken from magazines.

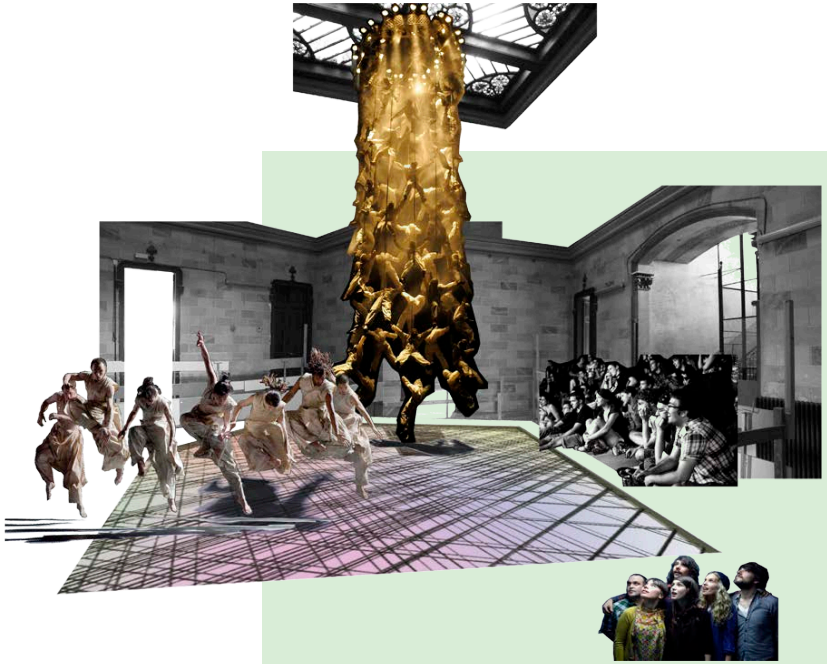


Reside

Educativo



nitario



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