

FLUIDRA

COMPANY PORTFOLIO
Design Services



INDEX

- 1. ABOUT FLUIDRA 3**
- 2. PROJECT REFERENCES 5**
- 3. REFERENCES LIST 39**
- 4. PROFESSIONAL INDEMNITY INSURANCE 42**
- 5. PUBLIC LIABILITY INSURANCE 44**
- 6. CERTIFICATES 46**
- 7. SAMPLE DESIGNS & DRAWINGS 49**
- 8. CV's DESIGN TEAM 107**

1. ABOUT FLUIDRA



ABOUT FLUIDRA

Fluidra develops innovative, highly technical and sustainable water projects & solutions designed to create unique aquatic facilities.

+ Our team of experts offers **360° solutions** that ensure a reliable, efficient and durable installation, designed to deliver optimal performance and a perfect user experience responsibly.

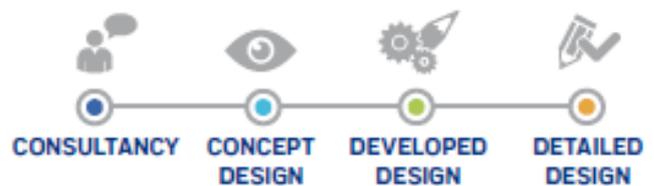
We use some of the most advanced design tools and technologies:

CFD (Computational Fluid Dynamics)

Fluidra Live Virtual Reality (VR)

BIM (Building Information Modelling)

Design phases:



SOLUTIONS



POOL



WELLNESS



FOUNTAINS



LAKES & LAGOONS

SECTORS



COMPETITION EVENTS



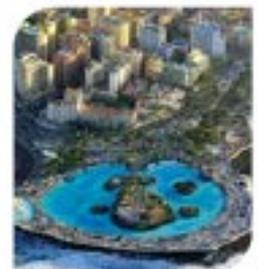
SPORTS CLUB



HOSPITALITY



PUBLIC ADMINISTRATION



REAL ESTATE & OTHER

2. PROJECT REFERENCES



David Lloyd Bad Homburg

PROJECT SCOPE: David Lloyd Bad Homburg is a first-rate fitness destination in Germany. Fluidra Deutschland was in charge of basic and executive project design for the aquatic area enlargement. The aquatic centre consists of one outdoor spa, two indoor pools, a plunge pool, one outdoor pool, one outdoor spa pool. The second stage consisted in the supply and installation of the water treatment equipment, lighting and heating.

DESIGN SCOPE: MEP Detailed design



Swan Park

PROJECT SCOPE: Swan Park - the latest development by Swancity in HCM city (Vietnam) marks the blooming era of 'real estate landed property' and above all, a new green city with all kind of services and equipment. Fluidra Vietnam designed and supplied the aquatic areas and supplied the Astralpool necessary equipment for a leisure pool with water features (hydromassage jets, solar showers, lighting system, etc.) and an adjacent kids pool.

DESIGN SCOPE: MEP Detailed design



Club Natació Sabadell

PROJECT SCOPE: Sabadell Swimming Club (CNS) is a Spanish water sports club based in Sabadell (Barcelona). Fluidra designed, supplied and installed an innovative 50 x 25 m Olympic pool with a movable wall and floor, as well as a 12 x 8 m children's pool with a splash park. The mobile floor consists of a platform submerged in the pool floor to change its depth. The pool also has a mobile bridge, which divides the pool into two parts to gain in versatility.

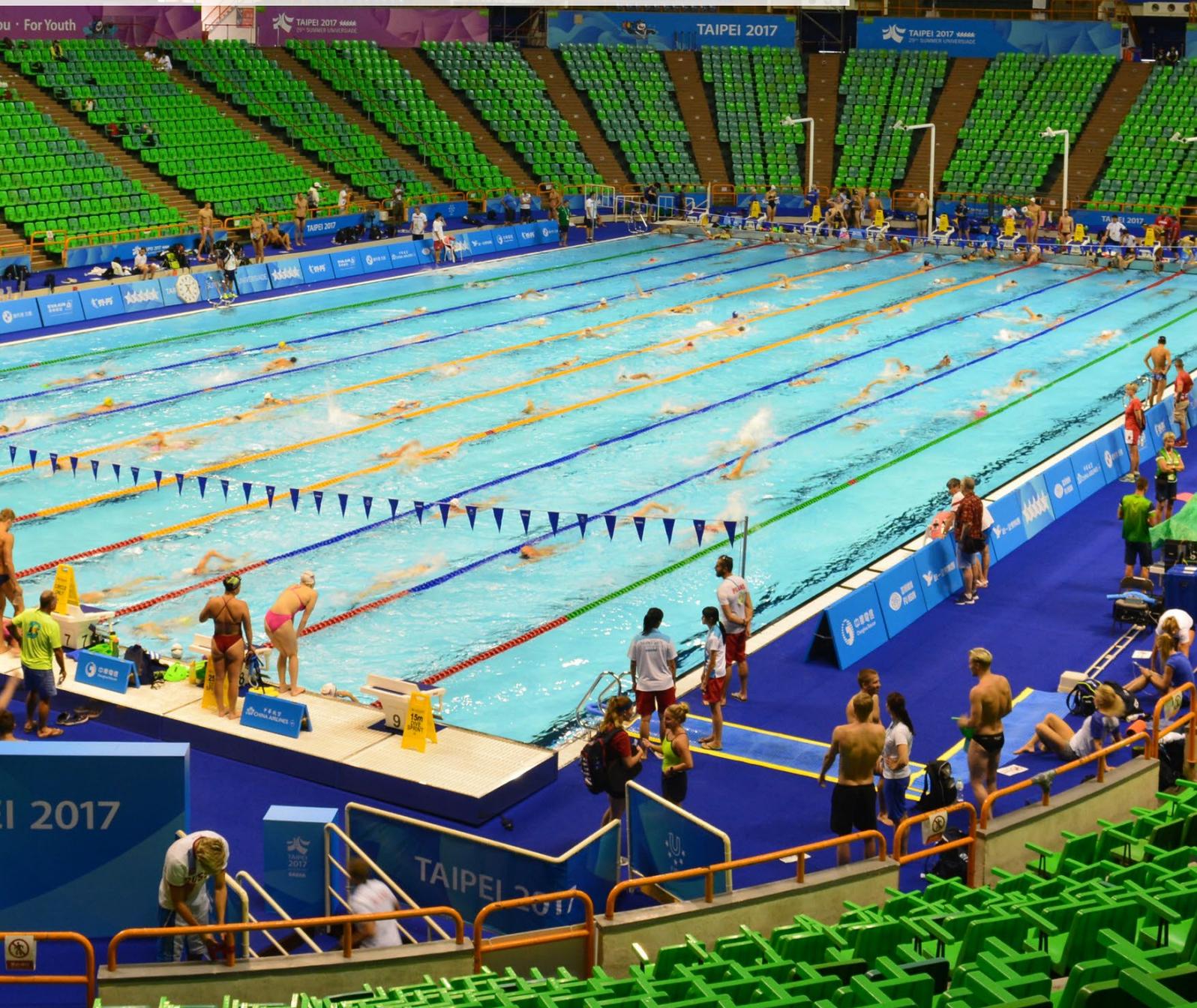
DESIGN SCOPE: MEP Detailed design



Taipei Summer Universiade

PROJECT SCOPE: Fluidra Singapore designed, supplied and installed an Olympic and a training pool, which obtained World Aquatics certification for competition pools. The project includes some of the most advanced solutions available. Specifically, the floating Skypool system that makes it possible to build a temporary pool without affecting a sports pavilion's flooring as it does not have to be anchored to the ground. Once the games were over, both pools were disassembled.

DESIGN SCOPE: Architectural & MEP Detailed design



Caldea Panoramic Pool

PROJECT SCOPE: Panoramic lagoon located in the Thermoludic area of Caldea, Andorra. Designed to stand out from the outdoor terrace, it has a transparent bottom 5-meters high above the Valira River, thus allowing visitors to experience a sensation of weightlessness. With a surface area of 50 m² of transparent methacrylate suspended in the air, is equipped with water features and lights. Fluidra developed the swimming pool design together with Victor Blasi architecture (Naos Arquitectura) and supplied the water treatment equipment.

DESIGN SCOPE: Architectural & MEP Detailed design



New Galala Fountain Watershow

PROJECT SCOPE: Fluidra Egypt developed a Fountain project to decorate one of the urban areas of the Galala City in Egypt. It is an ornamental fountain "not suitable for bathing", with a watershow divided into two zones but with joint operation. It is controlled with DMX technology, RGB + W LED lighting, on-site or remote control touch screen and audio equipment to perform musical choreography. It is a turnkey project where Fluidra has been involved in the design, executive project, execution and commissioning.

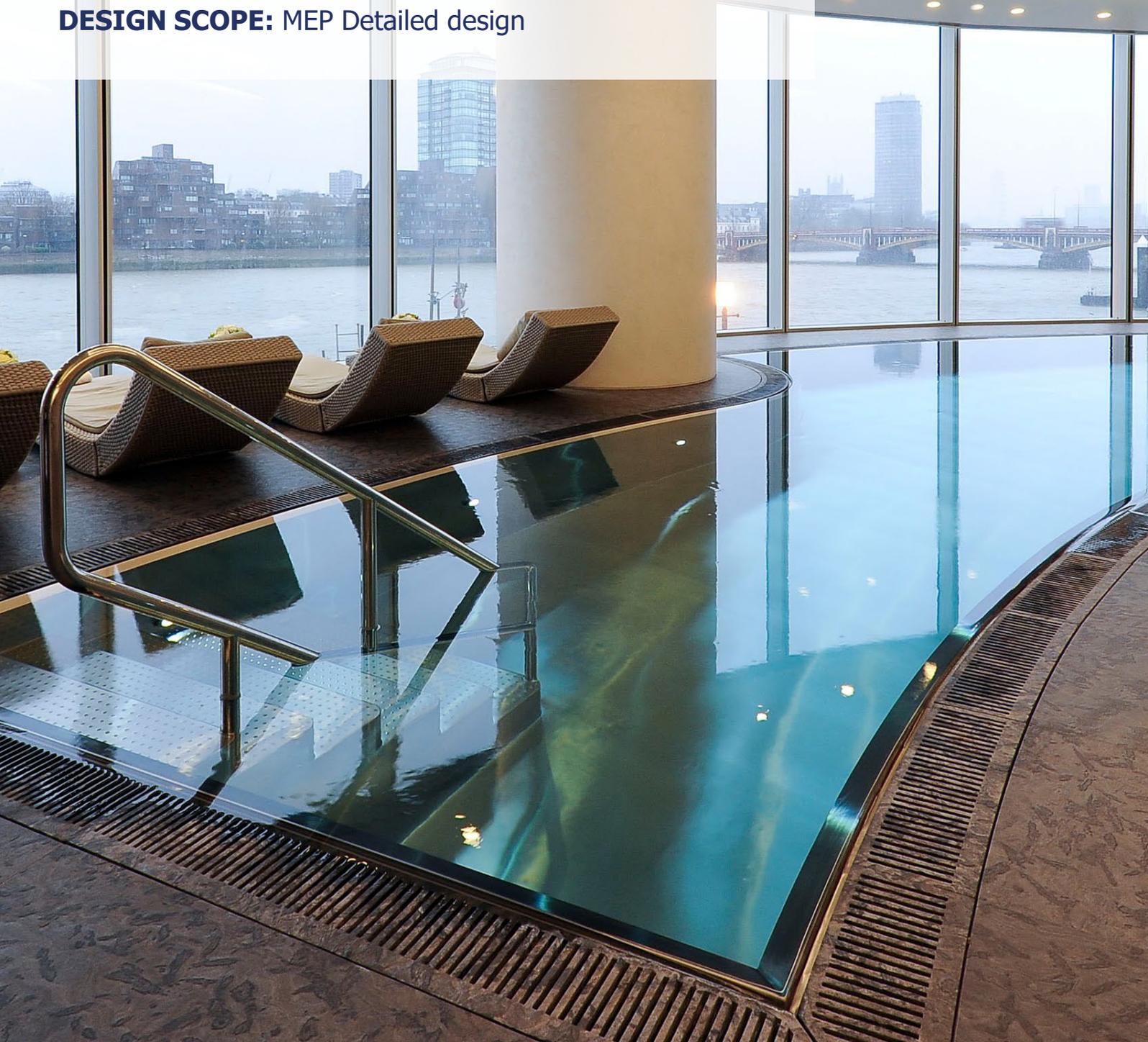
DESIGN SCOPE: Architectural design and management



Vauxhall Tower

PROJECT SCOPE: A swimming pool in the tallest residential building in the UK. The St George Wharf Tower, also known as the Vauxhall Tower, is a residential skyscraper located in Vauxhall (London), which is part of the St George Wharf project. At 181 m high with 50 storeys, it is the eighth tallest building in London and the tallest residential building in the UK. Fluidra was in charge of the design and installation of a leisure pool with wellness features. It has a stainless steel shell and wellness features.

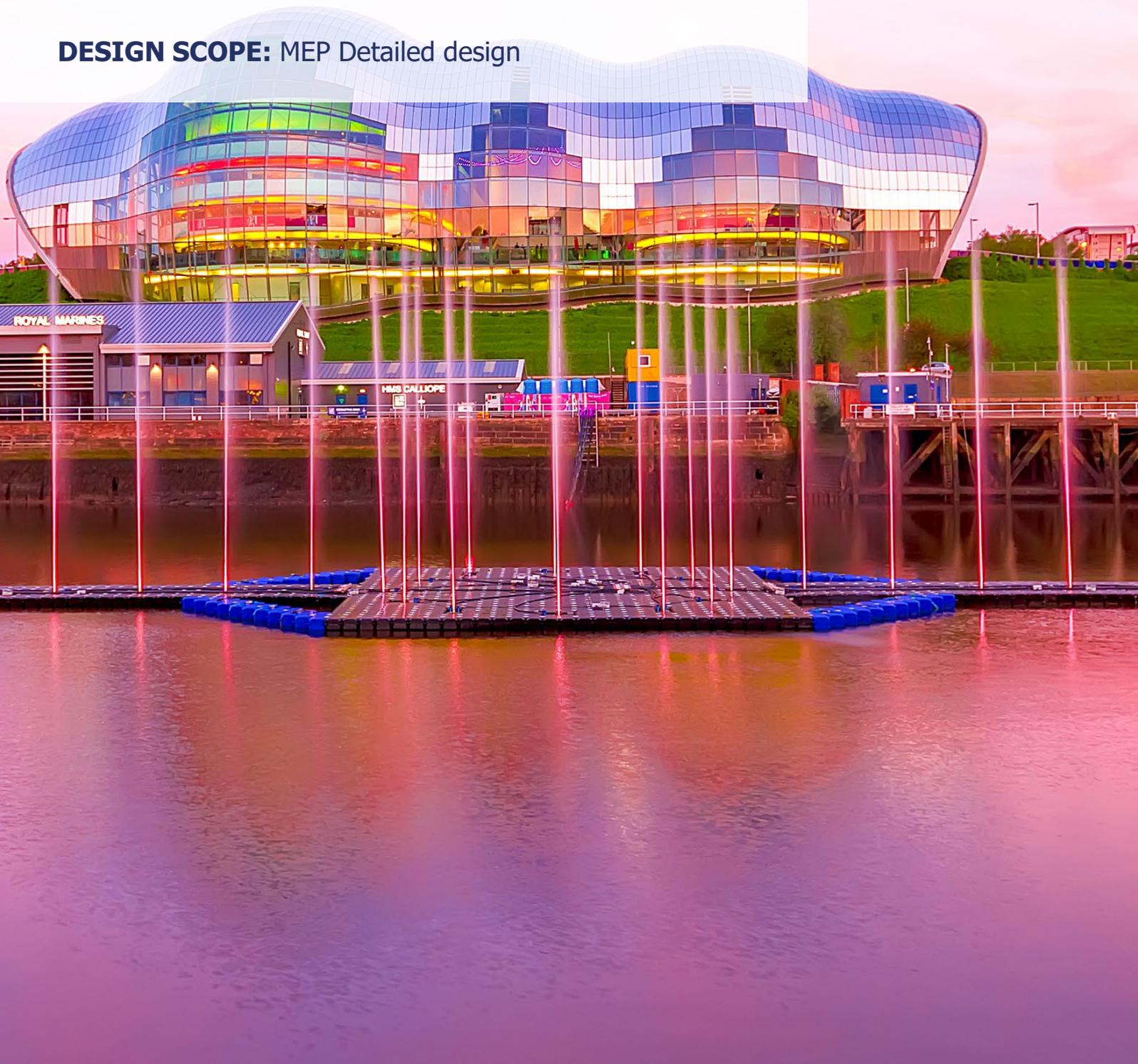
DESIGN SCOPE: MEP Detailed design



Newcastle Floating Fountain

PROJECT SCOPE: The largest water sculpture in the UK, installed on the River Tyne during the Great Exhibition of the North (UK). The system was designed to be choreographed to the rhythm of the music to create a water, light and music show. For this project, it was necessary to build a floating structure 74 meters long by 15 meters wide in the center and 3.5 meters at the ends. 32 Rocket Jet effects of 25 meters high and an impressive Rocket Jet of 50 meters were distributed in it.

DESIGN SCOPE: MEP Detailed design



Mediterranean Games

PROJECT SCOPE: The city of Tarragona hosted the 18th Mediterranean Games from June 22 to July 1, 2018. Regarding the Olympic swimming pool, Fluidra was responsible for the design, construction and hydraulic components. The pool, whose exact measurements are 51.20 x 25 m and 2 m deep, is made with the Skypool system and a movable bulkhead. It is a prefabricated pool of hot-dip galvanized steel panels, which complies with all requirements and regulations.



AQUATICS
ACUÁTICOS

AQUATICS
AQUATIQUES



DESIGN SCOPE: Architectural & MEP Detailed design



Panamerican Games 2019

PROJECT SCOPE: Fluidra built the pool in which the water polo competition took place at the 2019 Pan American Games in Lima (Peru) at the Andrés Avelino Cáceres sports complex. Fluidra carried out the design, supply and installation of the Olympic swimming pool, with dimensions of 50 meters long by 25 meters wide and 2.2 meters deep using the Skypool construction system. Fluidra was also in charge of the water filtration, disinfection and heating systems, and of the competition accessories.

DESIGN SCOPE: Architectural & MEP Schematic design



Sukma Games Ipoh

PROJECT SCOPE: The Games of Malaysia is a biannual multi-sport national event in which young athletes from 13 member states of Malaysia and the federal territory participate. The 19th Sukma Games, where Fluidra participated in the design and construction of six pools, which obtained World Aquatics certification. The Skypool system meets the demanding current standards, with the added advantage that pools can be built in a short space of time. Moreover, Fluidra has designed, supplied and installed all the water treatment systems and competition accessories.

DESIGN SCOPE: MEP Detailed design



Polideportivo La Cebada

PROJECT SCOPE: Skypool solution adopted by Fluidra for the reform of the swimming pools of the La Cebada Municipal Sports Center in Madrid. The new facilities include two indoor swimming pools, a main one measuring 418 m² and another for beginners measuring 78 m², which are located in a large area of 962 m². It is a project with a Turnkey scope where Fluidra has carried out both the design, product supply, installation and supervision of the project.

DESIGN SCOPE: Architectural Detailed design



Club Natació Atlètic Barceloneta

PROJECT SCOPE: Fluidra made the outdoor pool on the beach at the emblematic swimming club, Club Natació Atlètic Barceloneta (CNAB). Its aquatic facilities include a 33 x 25 m indoor pool for swimming and water polo, and three outdoor pools, one 20 x 13 m for bathing, another 25 x 21 m for swimming and at the foot of the beach the Skypool panel pool of 25 x 20 m also for swimming and made by Fluidra. Its facilities also include a 12.5 x 6 m indoor pool for learning and therapeutic activities.

DESIGN SCOPE: Architectural & MEP Detailed design



CNAB Wellness Area

PROJECT SCOPE: Fluidra has developed a new wellness space for the Club Natació Atlètic Barceloneta called SPAI, a historic club located on the seafront of the Mediterranean in the city of Barcelona (Spain). The features included in this wellness project are numerous. A playful vitality pool spa, a cold plunge pool, a hot stainless steel pool, a sauna, steam bath, a salt sauna, an ice fountain and a set of emotional showers. Fluidra and the architect Antoni Altayó, was responsible for all the mechanical, electrical and hydraulic design of the project with an on-site project manager.

DESIGN SCOPE: Architectural design and management



Club Natació Olot

PROJECT SCOPE: Fluidra reformed and expanded the aquatic equipment of Olot swimming club with three new pools. Olot Swimming Club (Olot, Spain) is a highly prestigious swimming club that boasts first-class aquatic facilities, both at a sports and leisure level. Inspired by the success of the Mediterranean Games and CNAB project, Fluidra carried out the design, product supply and installation of three pools that are currently part of the daily life of its users: an Olympic pool for training and competition events, a lap pool for more diversified use and a pool for children.

DESIGN SCOPE: Architectural & MEP Schematic design



Caldea Inúu

PROJECT SCOPE: Caldea's adults-only space, which invites couples to rediscover well-being in an environment of absolute peace and tranquility. Inúu covers a total surface area of 12,400 m², of which 2,580 m² is taken up by the spectacular hot spring area, which was completely custom designed by Fluidra. The project is made up of three stainless-steel indoor lagoons at different levels that flow into each other through cascades, and an outdoor lagoon. In total, they contain 72,000 litres of hot spring water. All of the pools are curved in shape and based on stainless steel, which fits in perfectly with the building's architecture.

DESIGN SCOPE: Architectural Detailed design



Shangri-la Villingili Resort

PROJECT SCOPE: This resort is located in the southern part of the Maldives Islands, nestled in the sheltered waters of Addu Atoll. The 142 villa resort offers guests a stylish experience in a spacious, boutique-style environment. Fluidra Singapore designed and supplied the 73 private swimming pools for the villas, including a central swimming pool, and supplied the spas, saunas and steam baths. All facilities have been designed to blend in with the incredible beauty of the surroundings and provide the comfort and relaxation that visitors expect from such a place.

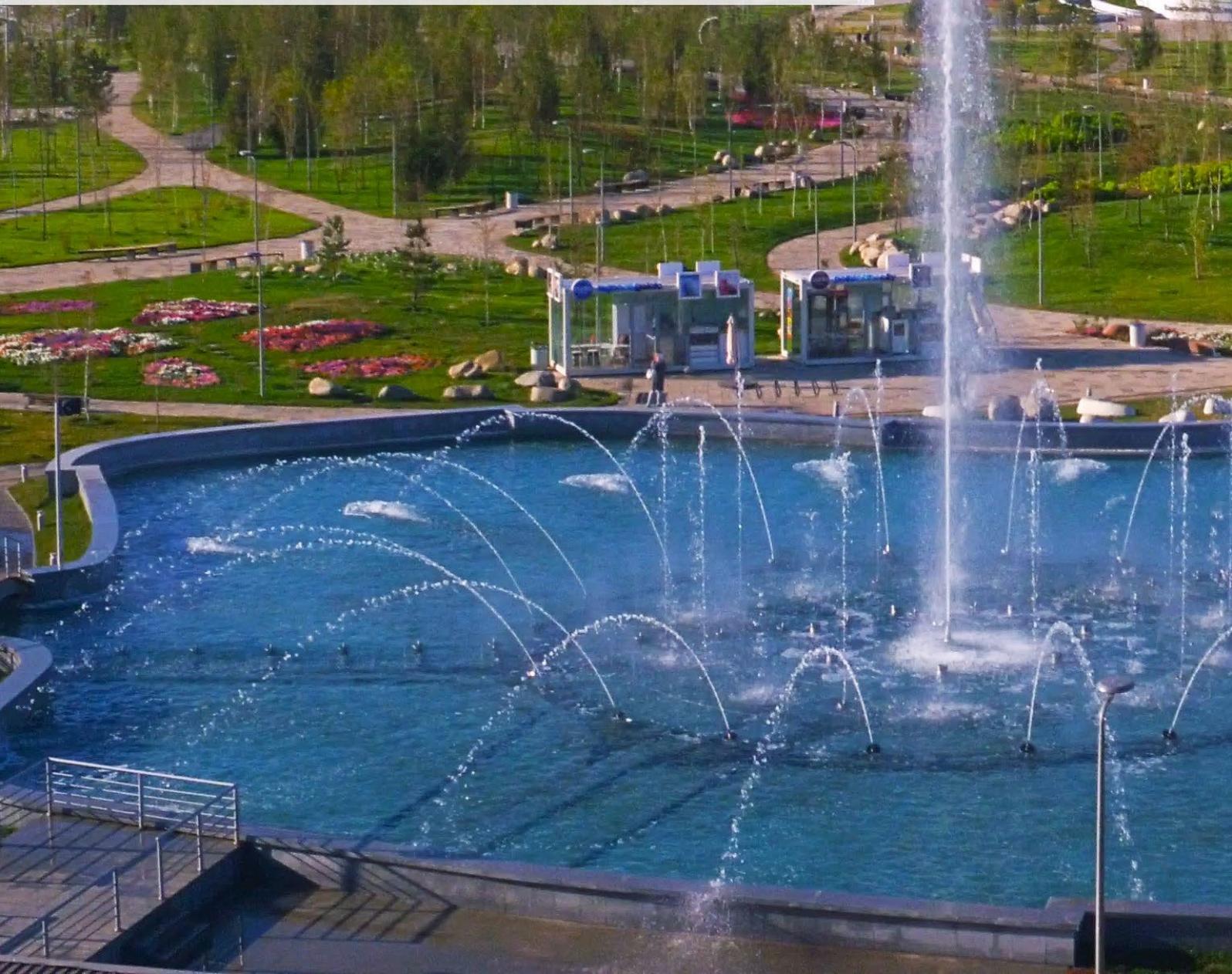
DESIGN SCOPE: MEP Detailed design



Astana Expo Center

PROJECT SCOPE: Magic curtains, colored lights, water that moves to the rhythm of music and that shoots up into the sky with the power of a natural geyser. The innovative technology behind the fountains in Astana (Kazakhstan) is just one of the latest advances in the complex that staged the Astana Expo 2017 on the future of energy. A surface area of 2,630 m², a water volume of 1,618 m³, 12 kilometers of power cables and a network of 8 kilometers of piping. What's more, its almost unlimited combinations of light and color, and a total of 200 lights can create 16 million colors.

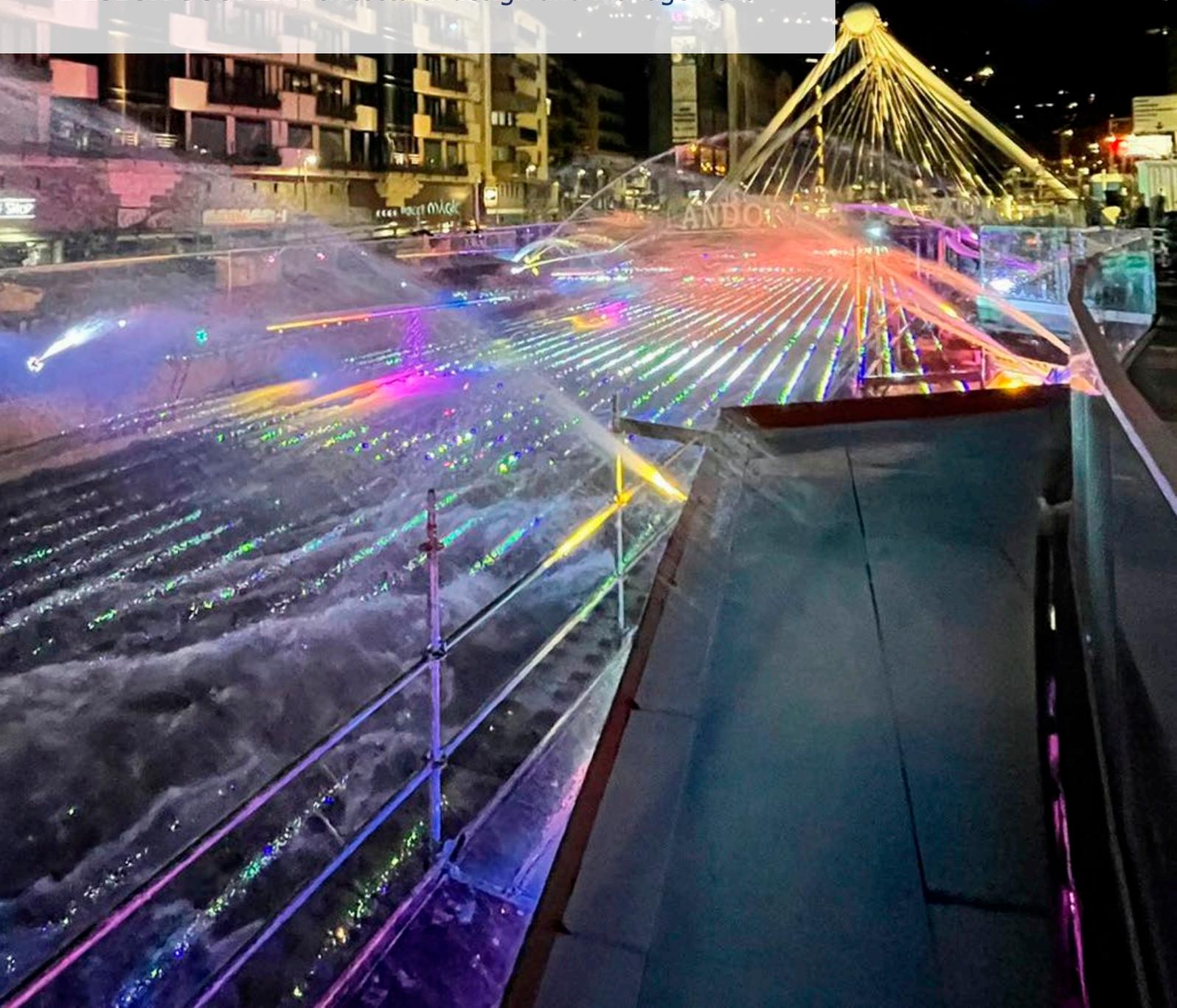
DESIGN SCOPE: MEP Detailed design



Pont de París (Andorra)

PROJECT SCOPE: Fluidra recently developed a fountain project with various ornamental effects that form a great aquatic spectacle of light and color to beautify the urban landscape and surprise citizens and visitors. This fountain has a very special feature in terms of innovation and sustainability, since the water used in this fountain is collected and recirculated from the river itself. Includes a series of symmetrical effects on both banks of the river, as well as a water curtain with digital projection when reaching the iconic city bridge.

DESIGN SCOPE: Architectural design and management



European Swimming Championships Rome

PROJECT SCOPE: Fluidra designed and built two temporary pools for the 2022 European Aquatics Championships in Rome. The first one measured 31 x 21 x 3 meters, and was used for the synchronized swimming competitions. The second, sized 17 x 17 x 6 meters, was completely built using Skypool panels, and used for the high diving competition, with boards of 20 and 27 meters high.

DESIGN SCOPE: Architectural & MEP Detailed design



North Coast Lagoons

PROJECT SCOPE: Fluidra develops a long-range project consisting of multiple lagoons for one of the largest urban developments in Egypt, located near the city of El Dabaa (Alexandria). In this first stage the first two lagoons have been made (C-1). It's a project where Fluidra Egypt designed, supplied and installed two lagoons with salt water suitable for bathing, including filtration, chemical treatment and control of the salinity of the water.

DESIGN SCOPE: Architectural design and management



Caldea Likids

PROJECT SCOPE: Caldea Likids, a thermal spa designed exclusively for children aged between 3 to 8 started operating. Located in the Caldea Thermal Leisure Centre (Andorra), This new water area includes a lagoon, a beauty area, an organized activities area, and a relaxation and games area. The project was carried out by Fluidra Spain, which was in charge of the design, product supply and installation.

DESIGN SCOPE: Architectural & MEP Detailed design



Commonwealth Games 2022

PROJECT SCOPE: Fluidra developed a project for the Olympic Pool at the new Sandwell Aquatics Centre (UK), which will include other water facilities. After the games, the aquatics center will be home of one of the most accessible swimming facilities in the region. The state-of-the-art facility will create a lasting legacy for community health and wellbeing with its 50m Olympic-sized swimming pool as well as a 25m diving pool, community swimming pool and seats for 1,000 spectators.

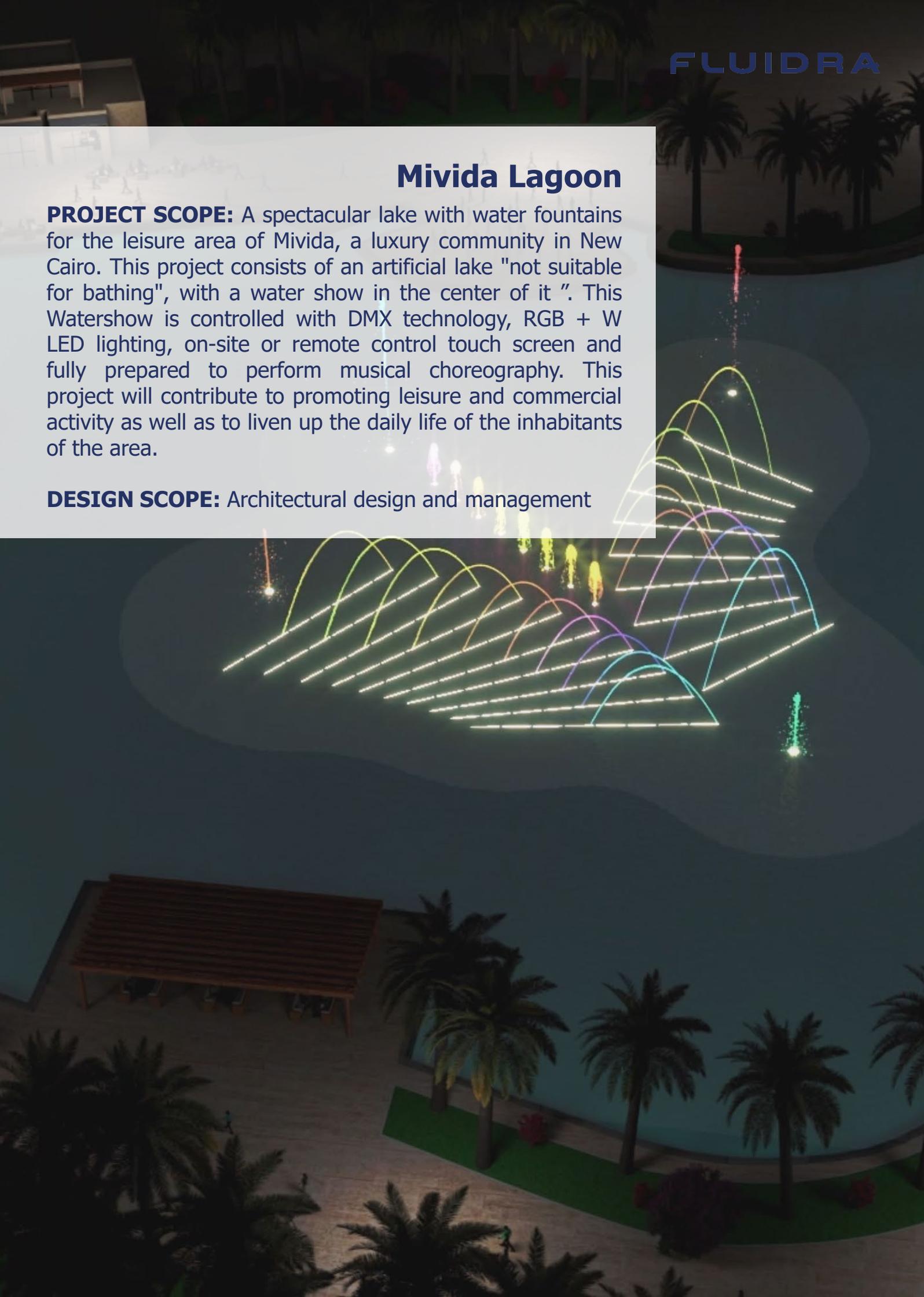
DESIGN SCOPE: Architectural design and management



Mivida Lagoon

PROJECT SCOPE: A spectacular lake with water fountains for the leisure area of Mivida, a luxury community in New Cairo. This project consists of an artificial lake "not suitable for bathing", with a water show in the center of it ". This Watershow is controlled with DMX technology, RGB + W LED lighting, on-site or remote control touch screen and fully prepared to perform musical choreography. This project will contribute to promoting leisure and commercial activity as well as to liven up the daily life of the inhabitants of the area.

DESIGN SCOPE: Architectural design and management



Timika Aquatic Center

PROJECT SCOPE: Aquatic center for the 2021 National Sports Week of Indonesia. Composed of three pools with short panels. The complex comprises an Olympic competition pool measuring 50x25x3 m with a movable bulkhead that adapts to all swimming events; a 25x20x5 m diving pool (both made with Skypool technology); and a concrete, 50x21 m warm-up pool with a variable depth of 1 to 2 m..

DESIGN SCOPE: Architectural design



Ragunan Aquatic Centre

PROJECT SCOPE: Fluidra remodeled the Ragunan Sports Complex in Indonesia. Located in the south of Jakarta and built in 1973, the center's renovation became essential as it no longer complied with international competition standards. The project covered the remodeling of three pools: competition, warm-up, and diving; and the adaptation of the entire center to World Aquatics regulations. The overhaul of the center was completed with Skypool technology to optimize remodeling costs and duration.

DESIGN SCOPE: MEP Detailed design



Lagoh Sevilla

PROJECT SCOPE: A 6,000 m² lake designed to be one of the main attractions of a leisure and shopping center. Includes water game areas, relaxation spaces and viewpoints, as well as water and light shows with music. All based on innovation, sustainability and respect for the environment.

DESIGN SCOPE: MEP Detailed design & Architectural design



Airone Hotel Resort

PROJECT SCOPE: This resort features swimming pool with water features, entertainment throughout the summer with evening shows and dancing fountains. Fluidra designed two fountains that work in tandem to offer incredible shows choreographed to the rhythm of the music. The dry-deck fountain in the lower part is made up of a switch system that can reach heights of 5m, rocket jets that can get to an impressive 20m high and fire jets.

DESIGN SCOPE: MEP Detailed design



Viggiano Fountain

PROJECT SCOPE: In a spectacular location overlooking all the surrounding mountains there is the fountain of Viggiano (Italy), a funsquare with 54 jets whose height varies from between 6 and 8 meters. Each jet, illuminated by a circular LED, can be individually controlled in height by a software management system. The choreography of the lights consists of a color change synchronized to a series of musical soundtracks. The fountain covers a length of over 20 meters in Piazza Papa Paolo XXIII, the largest square in Viggiano.

DESIGN SCOPE: MEP Schematic design



GBK Aquatic Center

PROJECT SCOPE: The Asian Games is a multi-sports event held every four years for athletes from all over Asia. The 2018 edition took place in Jakarta (Indonesia), for which Fluidra was commissioned to build four swimming pools. The first is a 50 x 25 x 3 m water polo pool built using a mixture of Skypool and concrete panels. A 51 x 25 x 3 m Olympic competition pool made completely of Skypool galvanized steel panels was the second pool to be built. The third was a 21 x 25 x 5 m diving pool that was built with Skypool panels and a concrete wall. A diving tower was also been commissioned. Finally, a 50 x 20 m training pool 1.40 to 2 m deep made entirely of concrete.

DESIGN SCOPE: Architectural & MEP Detailed design



The Style Outlets Viladecans

PROJECT SCOPE: A dynamic and colorful complex of fountains to deliver a pleasant shopping experience at the Style Outlets of Viladecans (Spain). An open-air shopping center surrounded by a natural environment of vegetation and water, awarded the distinctive Biosphere Commitment. Three fountains by Fluidra create a spectacular atmosphere. the first one with 63 jets with a switch up to 4 meters high; 26 glassy jets; 61 fog-type jets and a walkable beach effect. The second one with 51 cosmos type jets, all fitted with RGB LED lighting. The third one is a fountain with 24 vertical jets.

DESIGN SCOPE: MEP Detailed design



Parc de la Muntanyeta

PROJECT SCOPE: The Parc de la Muntanyeta is a public facility in the town of Sant Boi de Llobregat, a municipality near the city of Barcelona, Spain. Fluidra has designed an innovative naturalized lake solution with a chemical-free water treatment system, which allows us to meet the client's request: a lake that is respectful of biodiversity and potentially suitable for bathing.

DESIGN SCOPE: Architectural design and management



Aire Ancient Baths Copenhagen

PROJECT SCOPE: AIRE Ancient Baths Copenhagen is part of an extensive chain of prestigious wellness centers in Roman style or architecture. The brand's way of working consists in restoring old baths to achieve maximum relaxation for the body and mind, making it a unique experience for the senses. Fluidra Comercial España developed the concept design for the aquatic spaces as well as supplied and installed the pool products in this amazing wellness center.

DESIGN SCOPE: MEP Detailed design



3. REFERENCES LIST



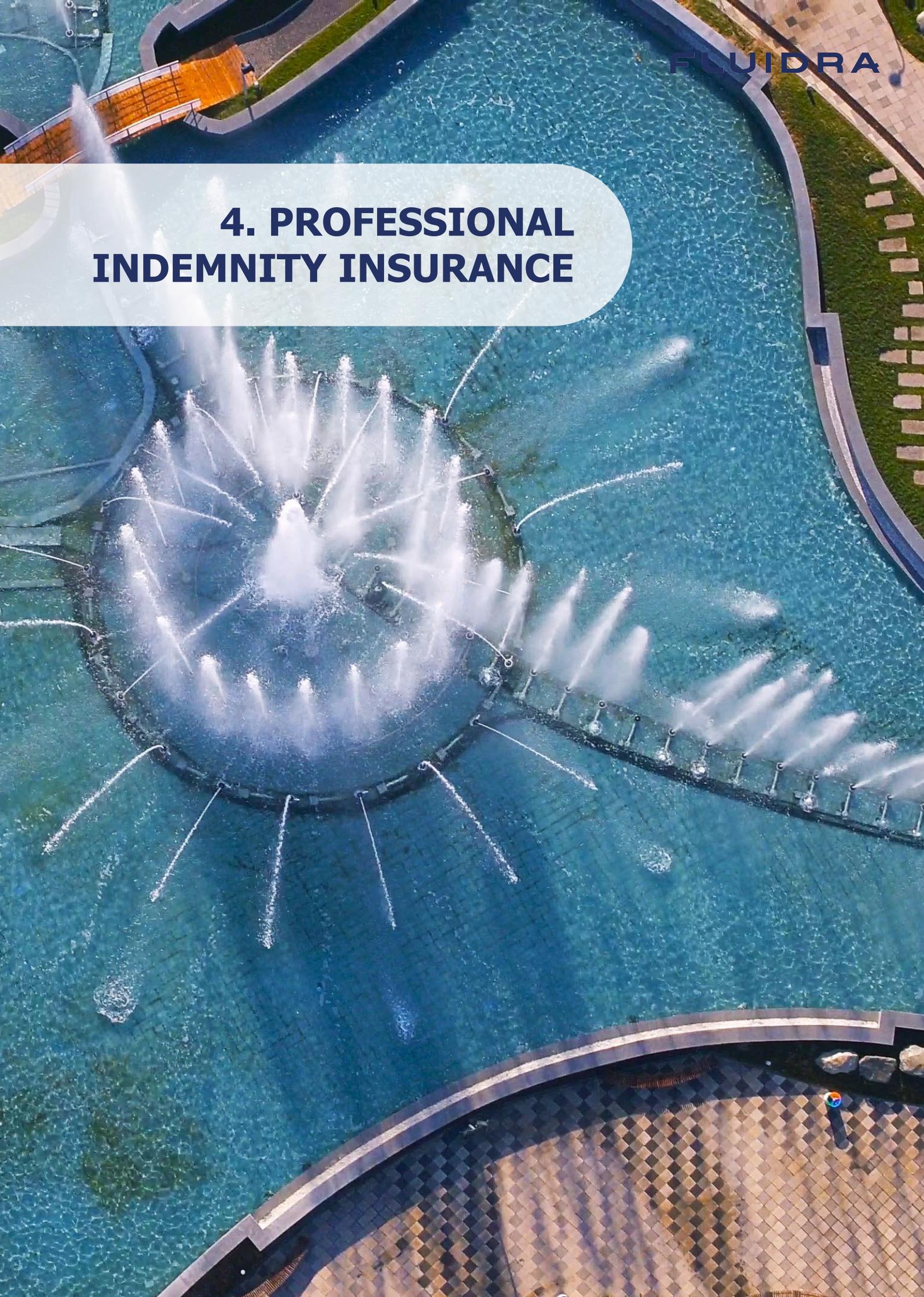
REFERENCES LIST

YEAR	COUNTRY	REFERENCE	TYPE OF PROJECT	SCOPE				
				Architectural design and management	Architectural design	Architectural schematic design	MEP DETAILED design	MEP Schematic design
2022	Egypt	North Coast Lagoons C2	Lagoons	✓				
2022	Egypt	North Coast Lagoons C1	Lagoons	✓	✓			
2022	Chile	Panamerican Games Chile	Olympic Pool	✓				
2022	Spain	Vilanova del Vallès swimming pool	Pools	✓				
2022	Uruguay, South America	Uruguay Lagoon	Lagoons	✓				
2022	Portugal	Palacio Santa Clara Hotel Lisboa	Wellness	✓				
2022	Andorra	Paris bridge fountain	Fountains	✓				
2022	Italy	Palazzo Capponi Hotel Romeo	Fountains	✓				
2022	Peru, South America	Ayacucho Olympic and semi Olympic swimming pool	Olympic Pool	✓				
2022	Italy	LEN 3m and 6m High Diving Pool	Olympic Pool		✓			
2022	Malta	Gozo Aquatic Center	Olympic Pool	✓				
2022	Spain	Sils commercial pool	Commercial Pool	✓				
2021	Spain	Wellness Club Natació Barceloneta	Pools & Wellness	✓				
2021	Portugal	Fonte Algarve	Fountains	✓				
2021	Gibraltar	The Reserve	Pools & Wellness	✓				
2021	Spain	La Muntanyeta	Lagoons	✓				
2021	Birmingham, UK	Commonwealth Games 2022 Olympic Swimming pool	Pools	✓				
2021	Spain	Competition Pool Marbella	Pools	✓				
2021	Egypt	Mivida Lagoon	Lagoons	✓				
2020	Colombia	Universidad del Norte	Pools	✓				
2020	Malta	Cottonera Aquatic Center	Olympic Pool			✓		
2020	Malta	Gozo Aquatic Center	Olympic Pool	✓				
2020	Serbia	Savski	Fountains	✓				
2020	Egypt	Glala Lo Lagoon	Lagoons	✓				
2020	Albania	Hotel Durres Swimming Pools	Pools	✓				
2020	Spain	Hotel Sotogrande	Pools	✓				
2020	Spain	RACE	Pools	✓				
2019	Jamaica	Melia Paradisus Montego Bay Resort Swimming Pools and Wellness	Pools, Wellness & Fountains				✓	
2019	Germany	David Lloyd Bad Homberg Swimming Pools	Pools				✓	
2019	UAE	Al Wajba Wellness Area	Pools & Wellness	✓				
2019	Georgia	Green Cape Hotel Swimming Pools	Pools				✓	
2019	Indonesia	Timika Aquatic Center Swimming Pools	Pools		✓			
2019	Indonesia	Ragunan Aquatic Center Swimming Pools	Pools				✓	
2019	Bolivia	Oruro Aquatic Center Swimming Pools	Pools				✓	
2019	UAE	ExpoHotel - Dubai swimming pools	Pools				✓	
2019	Spain	La Muntanyeta - Lagoon and Swimming pools	Pools & Lagoons					

REFERENCES LIST

YEAR	COUNTRY	REFERENCE	TYPE OF PROJECT	SCOPE				
				Architectural design and management	Architectural design	Architectural schematic design	MEP DETAILED design	MEP Schematic design
2019	Algerie	Novotel swimming pool	Pools					✓
2019	Georgia	Tabori Golf - Lakes MEP schematic design	Pools					✓
2019	Georgia	Tabori Golf - Lakes MEP detailed design	Pools				✓	
2019	Spain	Lagoh Lagoon MEP and Architectural design	Lagoons		✓		✓	
2019	Spain	Palmas Altas Lake MEP Schematic design	Lagoons					✓
2019	Spain	Palmas Altas Lake MEP Detailed design	Lagoons				✓	
2018	Spain	Club Natació Olot Aquatic Center	Pools		✓			✓
2018	Malaysia	Johor Bahru - Sukma Games Aquatic Center Swimming Pools	Pools				✓	
2018	Peru, South America	Panamerican Games - Villa Maria del Triunfo Swimming pools.	Pools		✓			✓
2018	Peru, South America	Panamerican Games - Villa Maria del Triunfo Swimming pools	Pools		✓		✓	
2018	Andorra	Caldea outdoors pool - MEP and architectural detailed design	Pools		✓		✓	
2018	Spain	Badia del Valles Swimming pools	Pools		✓		✓	
2018	Indonesia	13th Pora Games Aquatic Games Swimming pools	Pools			✓		✓
2018	Indonesia	13th Pora Games Aquatic Games Swimming pools MEP and Architectural detailed design	Pools		✓		✓	
2018	Italy	Boscolo Hotel	Fountains				✓	
2018	Italy	Viggiano Fountain	Fountains					✓
2018	Spain	Olot Fountain	Fountains				✓	
2018	Russia	Ikea Rusia Fountain and Lagoons MEP design	Fountains				✓	
2018	Spain	Parets Fountain	Fountains				✓	
2018	Algerie	Tissemsilt Lagoon	Lagoons		✓		✓	
2018	Malta	Corinthia Attard Hotel Swimming Pools	Pools				✓	
2017	Indonesia	Asian Games Aquatic Center Swimming Pools	Pools		✓		✓	
2017	Spain	Ausias March Wellness Area	Pools				✓	
2017	Spain	Tarragona Mediterranean Games 2018 Swimming Pool	Pools		✓		✓	
2017	Spain	Font Viladecans	Fountains				✓	
2017	Russia	Polezhavskaya Fountain	Fountains				✓	
2017	Spain	Torre Europa Water Surfaces	Fountains				✓	
2017	Italy	Caserta Fountain	Fountains				✓	
2016	Taiwan	Taipei Summer Universiade 2017 Competition Pools	PoolsAlger		✓		✓	
2016	Malaysia	Ipoh - Sukma Games Aquatic Center Swimming Pools	Pools				✓	
2016	Brasil	Gramado Termas Water Park	Pools				✓	
2016	Georgia	Freedom Square Hotel Swimming Pools	Pools		✓		✓	
2016	France	Aire Paris Wellness Center	Pools & Wellness		✓		✓	
2016	France	Aire Paris Wellness Center	Pools & Wellness					✓
2016	UK	Aire London Wellness Center	Pools & Wellness					✓
2016	UK	Aire London Wellness Center	Pools & Wellness				✓	
2016	UK	Aire Copenhagen	Pools & Wellness				✓	
2015	Andorra	Caldea Likids - Wellness center	Pools & Wellness		✓		✓	
2015	Spain	Club Natació Barceloneta Swimming Pool	Pools		✓		✓	

4. PROFESSIONAL INDEMNITY INSURANCE



QBE Europe SA/NV, Sucursal en España
Paseo de la Castellana 31, 5ª planta
28046 Madrid España
Tel +34 91 789 3950
qbe@es.qbe.com
www.QBEurope.com/spain



INSURANCE CERTIFICATE

Mrs Carmen Cobeta Orduña, legal representative of QBE Europe SA/NV Sucursal en España, located at Paseo de la Castellana, 31, 5th Floor in Madrid, according to the powers of attorney granted by D. RAFAEL DE LA FUENTE GARCÍA notary in Madrid and dated 27th December 2018:

CERTIFIES

That QBE Europe SA/NV Sucursal en España provides insurance cover under the policy number 064 0000337 to **FLUIDRA, S.A.**, with N.I.F. A-17728593.

Period of Insurance, from 00:00h 29/01/2023 to 24:00h 28/01/2024.

The policy grants coverage:

- Professional Liability
- Defense Costs and Bonds

The limit of indemnity is 5.000.000,00 € per claim and in the annual aggregate.

This certificate is for information purposes only. Nothing contained in this Certificate shall in any way be held or constructed to modify, extend or replace the terms, conditions, or provisions of the policy. Reference should be made to the policy for the full terms, conditions and exceptions.

Dated in Madrid, 03 July 2023.

**QBE EUROPE SA/NV
SUCURSAL EN ESPAÑA**

Carmen Cobeta Orduña

QBE Europe SA/NV
Sucursal en España

QBE Europe SA/NV Sucursal en España, con domicilio en Paseo de la Castellana 31, 5ª planta 28046 Madrid y C.I.F. W0174445G
Inscrita en el Registro Mercantil de Madrid Tomo 37.059 –Libro 0– Folio 190 – Sección 8 – Hoja M-661870- Inscripción 1,
y en el Registro de la Dirección General de Seguros y Fondos de Pensiones (DGSFP) con la clave E-0230.
QBE EUROPE SA/NV con domicilio en Boulevard du Régent 37, 1000 Bruselas y VAT BE 0690.537.456, RPM/RPR Bruselas, está autorizada
por el Banco Nacional de Bélgica (NBB) bajo el número de licencia 3093, así como sometida a su supervisión y a la de la Autoridad de
servicios financieros (FSMA) y a la de la DGSFP lo referente a su Sucursal en España.

5. PUBLIC LIABILITY INSURANCE



QBE Europe SA/NV Sucursal en España
 Paseo de la Castellana 31, 5ª planta
 28046 Madrid España
 Tel +34 91 789 3950
 qbe@es.qbe.com
www.QBEurope.com/spain



CERTIFICATE OF INSURANCE

Mrs Carmen Cobeta Orduña, legal representative of QBE Europe SA/NV Sucursal en España, located at Paseo de la Castellana, 31, 5th Floor in Madrid, according to the powers of attorney granted by Rafael de la Fuente García notary in Madrid and dated December 27, 2018.

CERTIFIES

That **FLUIDRA, S.A.** with N.I.F. A-17728593, has contracted with QBE Europe SA/NV Sucursal en España a General Liability policy nº 061 0001265.

The policy coverage period ranges from 00:00 hours on 01/01/2023 until 24:00 on 31/12/2023.

That this policy covers the following as Additional Insured:

- **FLUIDRA, S.A. (CIF: A-17728593)**

Coverages Include:

COVERAGE	LIMIT OF INDEMNITY PER OCCURENCE	LIMIT OF INDEMNITY PER PERIOD	SUBLIMIT PER VICTIM
General Liability	5.000.000,00 €		
Sudden and Accidental Pollution	5.000.000,00 €		
Employees Goods	1.000.000,00 €	1.000.000,00 €	
Employers Liability	5.000.000,00 €		1.600.000€
Cross-Liability (only bodily injuries)	5.000.000,00 €		1.600.000€
Products and Post-Work Liability	5.000.000,00 €	5.000.000,00 €	
Product Recall	5.000.000,00 €	5.000.000,00 €	
Union & Blending	5.000.000,00 €	5.000.000,00 €	
Defence Costs & Bonds	Included		
Exemption of Costs	Included, except United States, Canada and their territories.		

Limit of indemnity per each and every occurrence for all coverages: **5.000.000,00 €**

This certificate is for information purposes only. Nothing contained in this Certificate shall in any way be held or constructed to modify, extend or replace the terms, conditions, or provisions of the policy. Reference should be made to the policy for the full terms, conditions and exceptions.

Dated in Madrid, 30 diciembre 2022.

**QBE EUROPE SA/NV
 SUCURSAL EN ESPAÑA**

Carmen Cobeta Orduña

QBE Europe SA/NV
 Sucursal en España

QBE Europe SA/NV Sucursal en España, con domicilio en Paseo de la Castellana 31, 5ª planta 28046 Madrid y C.I.F. W0174445G
 inscrita en el Registro Mercantil de Madrid Tomo 37.059 –Libro 0– Folio 190 – Sección 8 – Hoja M-661870- Inscripción 1,
 y en el Registro de la Dirección General de Seguros y Fondos de Pensiones (DGSFP) con la clave E-0230.

QBE EUROPE SA/NV con domicilio en Boulevard du Régent 37, 1000 Bruselas y VAT BE 0690.537.456, RPM/RPR Bruselas, está autorizada por el Banco Nacional de Bélgica (NBB) bajo el número de licencia 3093, así como sometida a su supervisión y a la de la Autoridad de servicios financieros (FSMA) y a la de la DGSFP lo referente a su Sucursal en España.

6. CERTIFICATES

Activities in the trade license for design services



ISO BIM (BUILDING MODELLING INFORMATION)



Verification Certificate

This is to certify that:

Fluidra S.A.
 Avda. Alcalde Barnils, 69
 Sant Cugat del Vallès
 Barcelona
 08174
 Spain

Holds Certificate Number:

VC 762424

In respect of:

ISO 19650-2:2018 Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM).Part 2: Delivery phase of the assets

Lead Appointed party – Lead Designer and Lead Contractor including the management of design, production and verification of Information complying with BIM according to ISO 19650 in relation with ISO 19650-2:2018

For and on behalf of BSI:

Shahm Barhom, Group Product Certification Director

First Issued: 2021-12-22

Effective Date: 2022-12-22

Latest Issue: 2022-11-14

Expiry Date: 2023-12-21

Page: 1 of 2

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
 To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
 A member of BSI Group of Companies.

ISO BIM (BUILDING MODELLING INFORMATION)

Verification Certificate

No. VC 762424

As verified in BSI report No. 3749552 dated 29/09/2022.

This verification certificate covers the procedures implemented at Fluidra SA. These may also be implemented from other Spanish sites.



First Issued: 2021-12-22

Latest Issue: 2022-11-14

Effective Date: 2022-12-22

Expiry Date: 2023-12-21

Page: 2 of 2

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

7. SAMPLE DESIGNS AND DRAWINGS FOR 2D & 3D



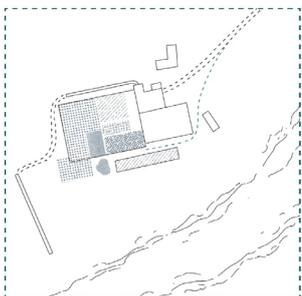
CONCEPT DESIGNS Wellness

Zonificació dels espais

Aprofitant el recorregut generat per l'aigua, portem el visitant fins la zona sud de la Brutau, on s'ubicarà la zona d'aigües.

Amb aquesta intencionalitat, provocarem que per arribar fins aquesta zona s'hagi de fer tot el recorregut, observant la nau i els diferents espais que s'hi generen, passant per diversos nodes del silenci, petits moments de contemplació, abans d'arribar-hi.

Al situar-nos a la zona sud de la nau, observem un gran distribuïdor pel qual creuen bigues que rememoren la estructura de la nau i des del qual podem accedir o bé a la zona d'aigües ubicada a la nau serrada o bé a la zona health nature ubicada a la nau allargada on també hi podrem trobar l'hotel.



Recorregut del nou canal

- Recepció
- Health Nature 360
- Vestuaris
- Zona infantil
- Piscina i Spa Nature 360



Zonificació dels espais

CONCEPT DESIGNS Wellness

Vistes dels espais

Punts d'aigua

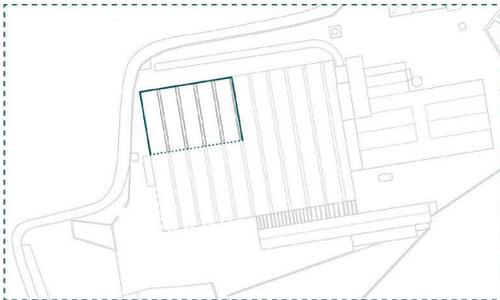
Distribuïdor

Health Nature 360

Spa Nature 360

Piscina Nature 360

Infant sensorial



Vista des de l'interior
Estat actual



Referents



1. Spa Unico - Fluidra
2. Hotel Royal Spa - Fluidra
3. K Arena City - Fluidra
4. Aire Barcelona - Fluidra

CONCEPT DESIGNS Wellness

Vistes dels espais

Punts d'aigua

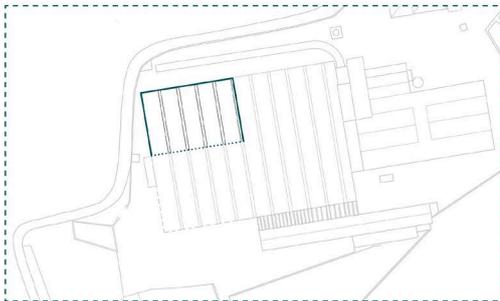
Distribuïdor

Health Nature 360

Spa Nature 360

Piscina Nature 360

Infant sensorial



Vista des de l'interior
Projecte



Referents



1. Spa Unico - Fluidra
2. Hotel Royal Spa - Fluidra
3. K Arena City - Fluidra
4. Aire Barcelona - Fluidra

CONCEPT DESIGNS Wellness

Vistes dels espais

Punts d'aigua

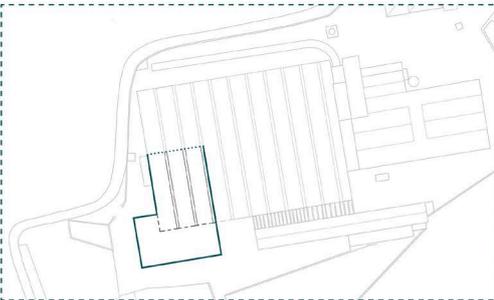
Distribuïdor

Health Nature 360

Spa Nature 360

Piscina Nature 360

Infant sensorial



Vista des de l'interior
Estat actual



Referents



1. Silence Fitness & Spa - Fluidra
2. Shutterstock_106286495
3. Shutterstock_140175472
4. Hu Park Albatros Village - Fluidra

CONCEPT DESIGNS Wellness

Vistes dels espais

Punts d'aigua

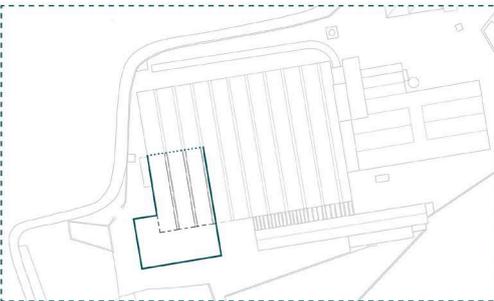
Distribuïdor

Health Nature 360

Spa Nature 360

Piscina Nature 360

Infant sensorial



Vista des de l'interior
Projecte



Referents



1. Silence Fitness & Spa - Fluidra
2. Shutterstock_106286495
3. Shutterstock_140175472
4. Hu Park Albatros Village - Fluidra

CONCEPT DESIGNS Wellness

Vistes dels espais

Punts d'aigua

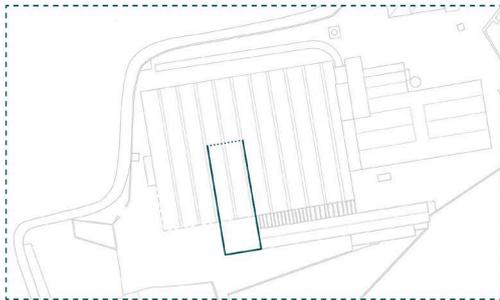
Distribuïdor

Health Nature 360

Spa Nature 360

Piscina Nature 360

Infant sensorial



Vista des de l'interior
Estat actual



Referents



1



2



3

1. Likids Caldea - Fluidra
2. Parque Bicentenario de la Infancia - Elemental. ©Cristobal Palma
3. Drapers Field - Kinnear Landscape Architects. ©Adrian Taylor

CONCEPT DESIGNS Wellness

Vistes dels espais

Punts d'aigua

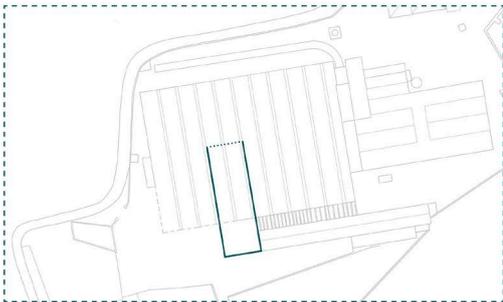
Distribuïdor

Health Nature 360

Spa Nature 360

Piscina Nature 360

Infant sensorial



Vista des de l'interior
Projecte



Referents



1



2



3

1. Likids Caldea - Fluidra
2. Parque Bicentenario de la Infancia - Elemental. ©Cristobal Palma
3. Drapers Field - Kinnear Landscape Architects. ©Adrian Taylor

CONCEPT DESIGNS Water Parks



CONCEPT DESIGNS Water Parks



Water park plan 1

Proposal 1



Location plan

- 1 - Wave pool
- 2 - Sun lounger area
- 3 - Kid games pool
- 4 - Natural pool
- 5 - Water slide area
- 6 - Lazy river
- 7 - Canoe rental
- 8 - Food trucks
- 9 - Pirate lagoon
- 10 - Picnic area
- 11 - Toilets
- 12 - Pool lounge
- 13 - Pool party

In this first plan proposal, the intervention is carried out in the lower left area, extending to the sea.

A water park is proposed which consists of different areas such as swimming pools, games for children, water slide areas, a pirate area and restaurant areas (either picnic or through food trucks).

The idea of merging the water park with the sea is present in the project. With a pirate theme, we can see how the sea is part of the park, not being able to know where it begins and ends. We use the proximity to the sea as a claim for this project, ensuring that the "theme" itself unites the park with the sea.

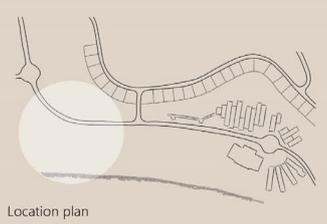
A pirate ship "anchored" in the sand, creating a small lagoon, canoes moored on the shore, waiting for sailors to go out to sea, an artificial wave zone, for all those adventurers who want to surf them...

- 1 - Wave pool, Aquatic Group
- 3 - Kid games, Surf N' Fun Water Park
- 6 - Lazy River - Aquatic Design and Engineering

CONCEPT DESIGNS Water Parks



Proposal 2 FLUIDRA



- 1 - Wave pool
- 2 - Sun lounger area
- 3 - Kid games pool
- 4 - Natural pool
- 5 - Water slide area
- 6 - Lazy river
- 7 - Canoe rental
- 8 - Food trucks
- 9 - Mini water slides
- 10 - Picnic area
- 11 - Toilets
- 12 - Pool lounge
- 13 - Pool party

In this second plan proposal, the intervention is carried out in the lower left area, extending to the sea.

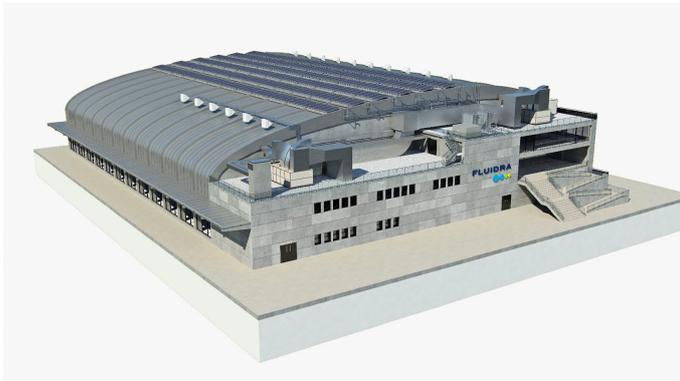
A water park is proposed which consists of different areas such as swimming pools, games for children, water slide areas, a pirate area and restaurant areas (either picnic or through food trucks).

The project features a theme inspired by dragons. We can see how it extends to the sea, forming a whole. The slow rivers stand out as the main attraction, governed by a great dragon which generates their own structure and is the main image of the park.

- 1 - Wave pool. Aquatic Group
- 3 - Kid games. Surf N' Fun Water Park
- 6 - Lazy River - Aquatic Design and Engineering

Sample designs and drawings for 2D & 3D POOLS (1)

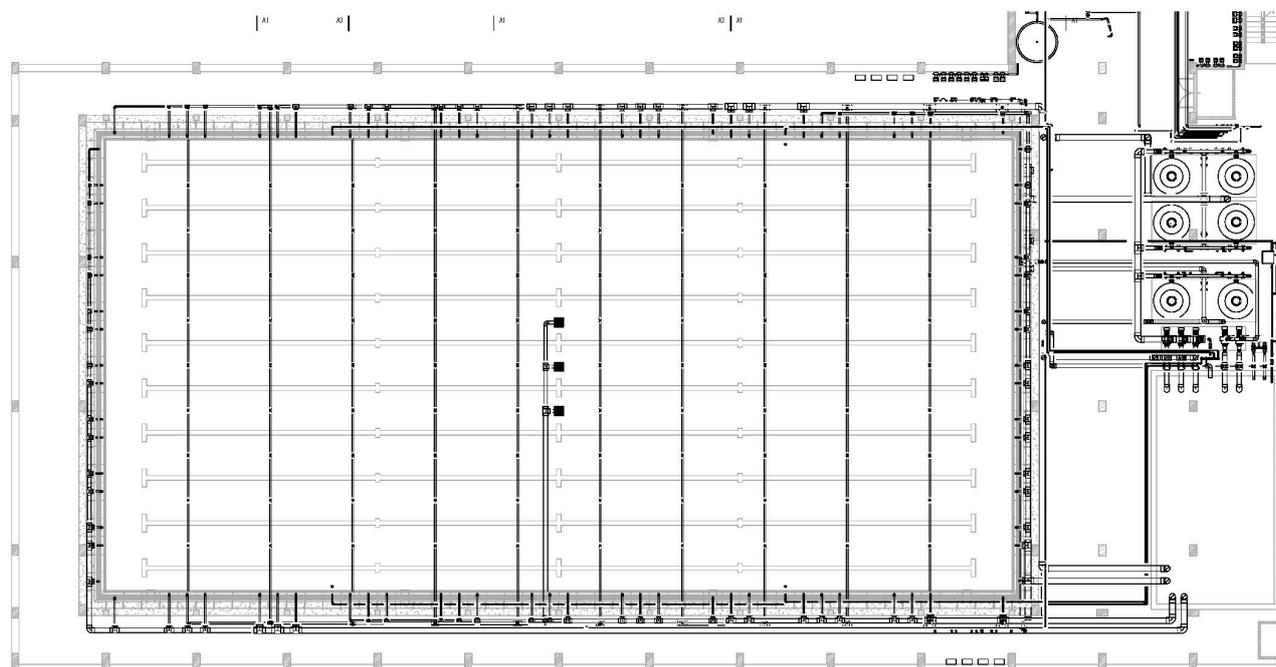
Olympic Pool Solution. Isometric Plan



CLIENT FLUIDRA ENGINEERING SERVICES S.L.U.		NORTH
REVISION Nº	DESCRIPTION	DATE
NOTES		
DATE 26/10/2016	PROJECT SWIMMING POOL 50X25X2	W/PROJECT 16.000
W/PLAN A00	PLAN ISOMETRIC	EN/SCALE A1: 1/50 A3: 1/100

Sample designs and drawings for 2D & 3D POOLS (1)

Hydraulic system



GENERAL MECHANICAL EQUIPMENT		
Description	FES_CODE	Count
5KG GLASS BAGS 0.5mm-1.0mm	57011	1605
5KG GLASS BAGS 1.0mm-3.0mm	57012	198
5KG GLASS BAGS 3.0mm-7.0mm	57013	222
DRIP TANK 300L	29387	1
AUTOMATIC REGULATION AND CONTROL EQUIPMENT PR-207	60361	1
SDP400 EXTERNAL CONDENSER	41103	2
BUFFER CYLINDER SP12 500L	SP4-5000-023	4
CO2 PACK FOR SWIMMING POOL EQUIPMENT	NO CODE	2
CONTINUOUS FLOCCULANT SYSTEM	54526	6
DEHUMIDIFY HEAT PUMP 80°C/16°F	26515	2
EXPANSION TANK 50L	24.00.488-023	1
EXPANSION TANK 1000L	24.83.715-023	1
FAN COIL TOA-HP4 12-825/5500/315-1020m³/h	TOA-HP4 12-027	3
FAN COIL TOA-HP4 16-1000/5500/315-1020m³/h	TOA-HP4 16-007	6
FAN COIL TOA-HP4 25-1200/6200/315-1380m³/h	TOA-HP4 25-027	2
FAN COIL TOA-HP4 34-1400/6200/350-2380m³/h	TOA-HP4 34-027	4
FAN COIL TOA-HP4 54-1400/6200/400-3080m³/h	TOA-HP4 54-027	5
FAN COIL TOA-HP4 68-1400/6200/450-4080m³/h	TOA-HP4 68-027	4
GEOTHERMAL ENERGY PUMP THERBEY 275 LT P1-Q28	1788V 275 LT P1-Q28	1
GVS INJECTOR	62862	1
HEAT SINK LH002 STEEL 230V 3PHASE 66 PANELS	66.23.9815-023	6
HEAT SINK LH002 STEEL 230V 3PHASE 96 PANELS	66.23.9815-022	10
HEAT TITANIUM EXCHANGER BASIC MODEL ETNA-90	43236	8
HEAT TITANIUM EXCHANGER BASIC MODEL ETNA-90	33143	2
HEAT TITANIUM EXCHANGER BASIC MODEL ETNA-90	33144	1
RVU PUMP WITH PREFILTER 7.5CV 90Hz 1500rpm 650V	96634	2
RVU PUMP WITH PREFILTER 10CV 50Hz 1500rpm 650V	96637	2

GENERAL MECHANICAL EQUIPMENT		
Description	FES_CODE	Count
NEOLISIS AP-120GVA +UV 2' X 90 W +pHORP (EXT-2)	57788	1
POLYETHYLENE CYLINDRICAL TANK 1000L	26631	8
PRAGA FILTER D. 2000 mm OUTLET DN125 mm - 2.5 Bar - GLASS	30786	3
PUMP TPE 32-04-04-01-0.55KW	TPE3 32-04-04-024	2
PUMP TPE 32-10-04 Dn32 0.37kW	TPE3 32-10-04-024	2
PUMP TPE 32-12-04 Dn32 0.55kW	TPE3 32-12-04-024	3
PUMP TPE 40-04-04 Dn40 0.55kW	TPE3 40-04-04-024	1
PUMP TPE 40-13-04 Dn40 0.75kW	TPE3 40-13-04-024	3
PUMP TPE 40-16-04 Dn40 0.75kW	TPE3 40-16-04-024	7
PUMP TPE 50-13-04 Dn50 1.1kW	TPE3 50-13-04-024	3
PUMP TPE 65-04-04 Dn65 0.55kW	TPE3 65-04-04-024	1
PUMP TPE 65-13-04 Dn65 1.5kW	TPE3 65-13-04-024	4
PUMP TPE 80-04-04 Dn80 0.55kW	TPE3 80-04-04-024	1
PUMP TPE 80-15-04 Dn80 3kW	TPE3 80-15-04-024	1
PUMP UPA 15-120-024	UPA 15-120-024	1
SHELL & TUBE HEAT EXCHANGER	85541	1
SOLAR COLLECTOR TOPSON CPK-1	CPK-1-023	72
SOLAR COOLING-BDHX06/100-4540-1015-20-R1-Q28	BDHX06/100-4540-1015-20-R1-Q28	2
STORAGE EXCHANGER TANK 2500L	MV-2500-38-026	2
STORAGE EXCHANGER TANK 4000L	MV-4000-38-026	2
UT-600 TOPSON 1100W/1200W/2250W	UT-0203-3803-023	1
VICTORIA PLUS PUMP 0.71kW 1PHASE	38780	3
WATERHEAT 20kW	41426	1
WATERHEAT 20kW	65597	1

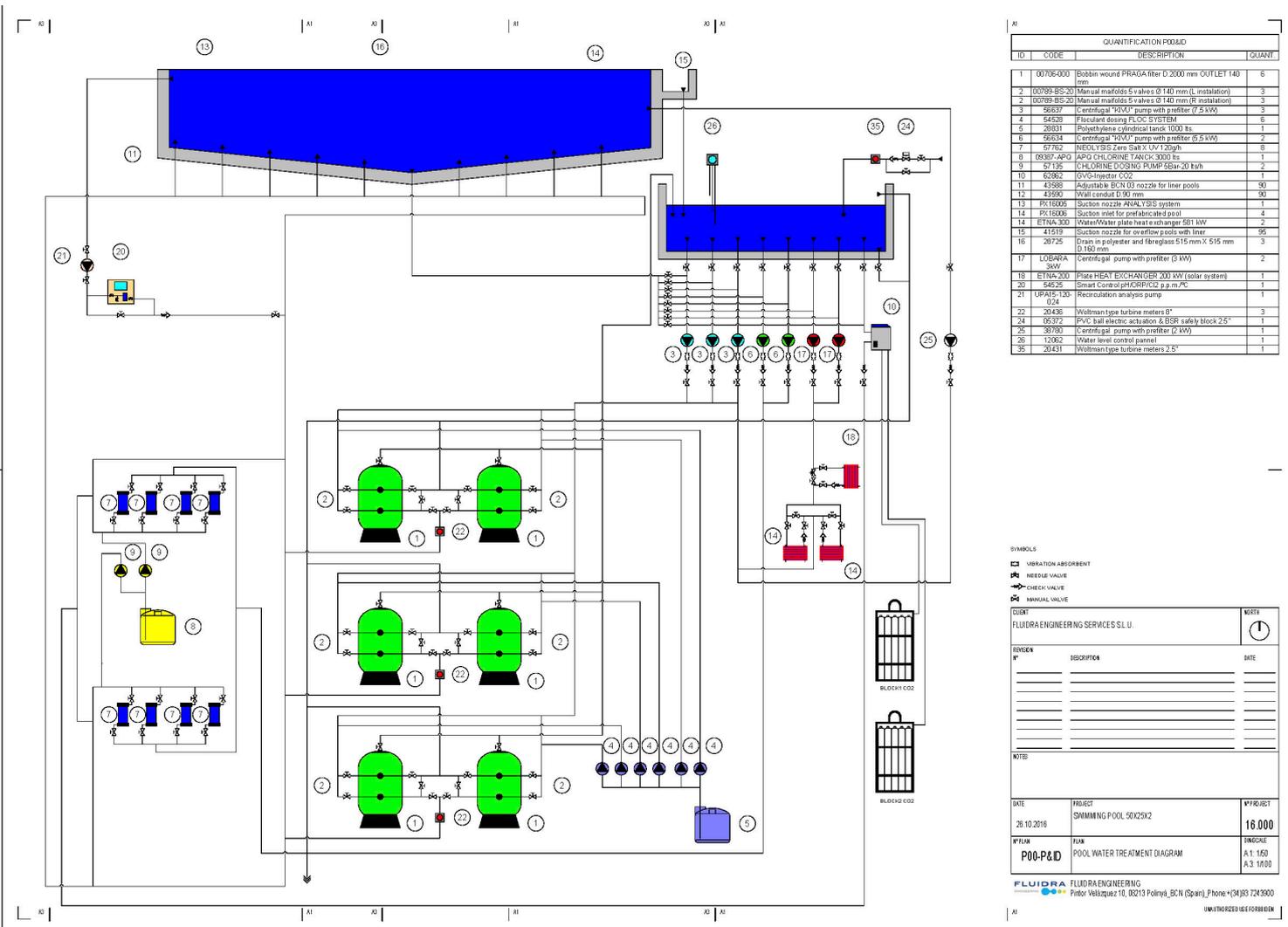
CLIENT	FLUIDRA ENGINEERING SERVICES S.L.U.	NOTA
REVISION	DESCRIPTION	DATE
V01		12/04/2016
NOTES		
DATE	PROJECT	WF NO.001
26.10.2016	SWIMMING POOL 50X25X2	16.000
PLAN	FLUIDRA GENERAL HYDRAULIC CIRCUIT	SCALE
M01-DE		A1: 1:50 A3: 1:1000

DC (mm)	NOMINAL PRESSURE			
	0.1 MPa	0.5 MPa	1.6 MPa	6.3 MPa
10	-	-	-	0.3
12	-	-	-	0.3
16	-	-	-	0.4
20	-	-	-	0.4
25	-	-	-	0.5
32	-	-	-	0.6
40	-	0.8	0.8	0.8
50	-	0.8	0.8	0.8
63	1.0	1.0	1.0	1.0
75	1.0	1.0	1.2	1.2
90	1.0	1.2	1.2	1.4
110	1.0	1.4	1.4	1.4
125	1.5	1.5	1.6	1.6
140	1.5	1.6	1.8	2.0
150	1.5	1.7	2.0	2.4
160	1.6	1.8	2.1	2.4
180	1.7	1.9	2.3	2.6
200	1.7	1.9	2.3	2.6
225	1.8	2.1	2.5	2.9
250	1.8	2.1	2.5	3.0
280	1.8	2.1	2.5	3.0
315	2.1	2.5	3.0	3.4
355	2.2	2.7	3.2	3.6
400	2.4	2.8	3.4	4.0
450	2.5	3.0	3.7	4.3
500	2.7	3.2	3.9	4.6

ACCORDING TO UNE 53 399

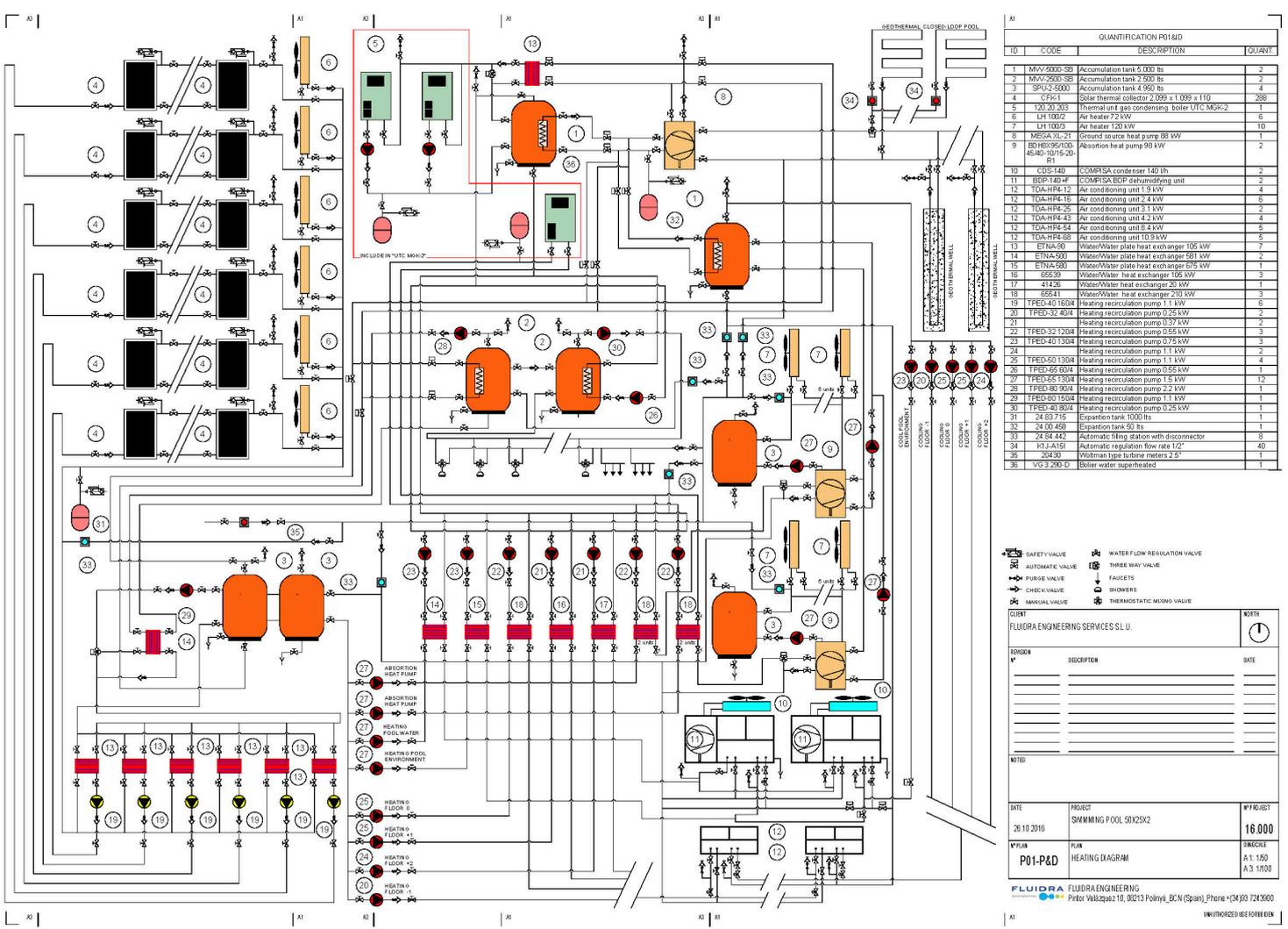
Sample designs and drawings for 2D & 3D POOLS (1)

Water treatment system



Sample designs and drawings for 2D & 3D POOLS (1)

Water heating system



QUANTIFICATION POOL			
ID	CODE	DESCRIPTION	QUANT
1	MVV-5000-SB	Accumulation tank 5 000 lts	2
2	MVV-2500-SB	Accumulation tank 2 500 lts	2
3	SPU-2-5000	Accumulation tank 4 500 lts	4
4	CP-1	Solar thermal collector 2,05x1,109x1,110	288
5	120_30_303	Thermal unit, gas condensing boiler UTC-M3c-2	1
6	LH 100/2	Air heater 7.2 kW	6
7	LH 100/5	Air heater 3.0 kW	10
8	MESA-XL-21	Ground source heat pump 88 kW	1
9	BDHS/95/100	Absorption heat pump 98 kW	2
10	CSIS-140	COMPSA condenser 140 lts	2
11	BDP-140-4F	COMPSA BDP dehumidifying unit	2
12	TDA-HF4-12	Air conditioning unit 1.9 kW	4
12	TDA-HF4-16	Air conditioning unit 2.4 kW	6
12	TDA-HF4-25	Air conditioning unit 5.1 kW	2
12	TDA-HF4-43	Air conditioning unit 4.2 kW	4
12	TDA-HF4-54	Air conditioning unit 6.4 kW	5
12	TDA-HF4-68	Air conditioning unit 10.9 kW	4
13	ETNA-90	Water/Water plate heat exchanger 105 kW	7
14	ETNA-500	Water/Water plate heat exchanger 501 kW	2
15	ETNA-500	Water/Water plate heat exchanger 625 kW	1
16	655-39	Water/Water heat exchanger 105 kW	3
17	214-26	Water/Water heat exchanger 20 kW	1
18	655-41	Water/Water heat exchanger 210 kW	3
19	TPED-40 160M	Heating recirculation pump 1.1 kW	6
20	TPED-32 40M	Heating recirculation pump 0.25 kW	2
21	TPED-40 80M	Heating recirculation pump 0.57 kW	2
22	TPED-32 120M	Heating recirculation pump 0.55 kW	3
23	TPED-40 130M	Heating recirculation pump 1.1 kW	2
24	TPED-50 130M	Heating recirculation pump 1.1 kW	4
25	TPED-50 130M	Heating recirculation pump 1.1 kW	1
26	TPED-65 60M	Heating recirculation pump 0.55 kW	1
27	TPED-65 130M	Heating recirculation pump 1.5 kW	12
28	TPED-80 90M	Heating recirculation pump 2.2 kW	1
29	TPED-80 150M	Heating recirculation pump 0.75 kW	1
30	24 58 442	Automatic filling station with disconnecter	8
31	24 83 715	Expansion tank 1000 lts	1
32	24 00 458	Expansion tank 50 lts	1
33	KJ-A-151	Automatic regulation flow rate 1/2"	40
35	204 30	Wolfram type ball float meters 2.5"	1
36	Vic 3.250 G	Boiler water superheater	1

- SAFETY VALVE
- AUTOMATIC VALVE
- PUMP
- CHECK VALVE
- MANUAL VALVE
- THERMAL VALVE
- WATER FLOW REGULATION VALVE
- THREE WAY VALVE
- ISOLATOR
- SHOWER
- THERMOSTATIC MIXING VALVE

FLUIDRA ENGINEERING SERVICES S.L.U.

REVISION	DESCRIPTION	DATE

DATE: 31.10.2016 PROJECT: SWIMMING POOL 50x25x2 Nº PROYECTO: 16.000

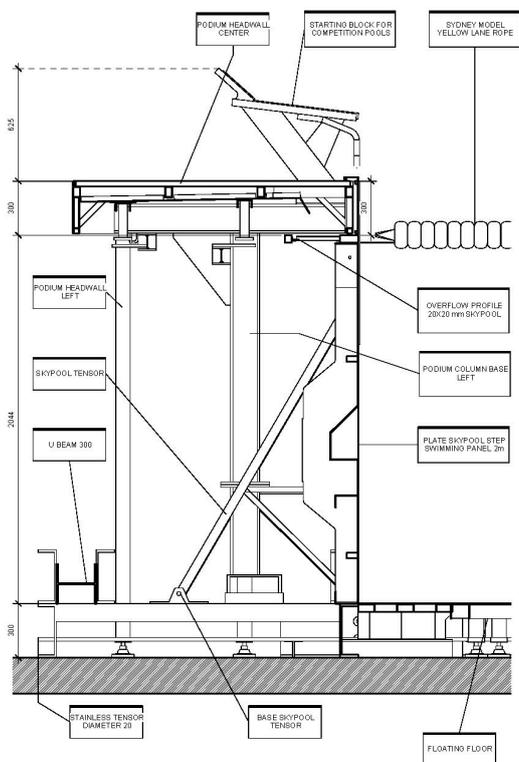
VP: P01-P&D PUN: HEATING DIAGRAM Nº DISEÑO: A1-150 A3-1100

FLUIDRA FLUIDRA ENGINEERING S.L.U. Pinar Valdepeñas 16, 13213 Polinyá, BCN (Spain), Phone +34 93 7243900

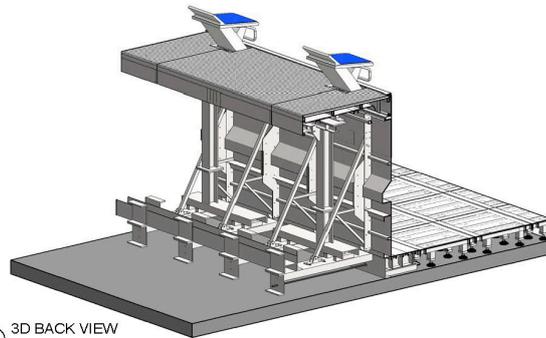
UNCONTROLLED USE FORBIDDEN

Sample designs and drawings for 2D & 3D POOLS (2)

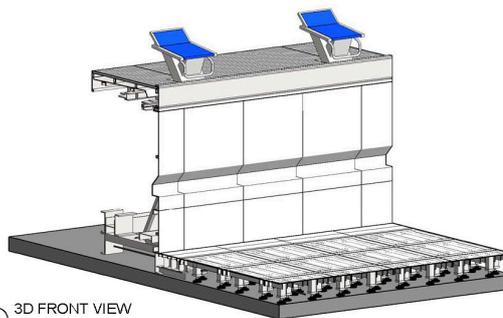
Olympic pool. Detailed panel section



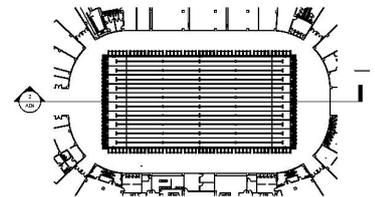
② DETAILED SECTION 1
1:10



③ 3D BACK VIEW
NO SCALE

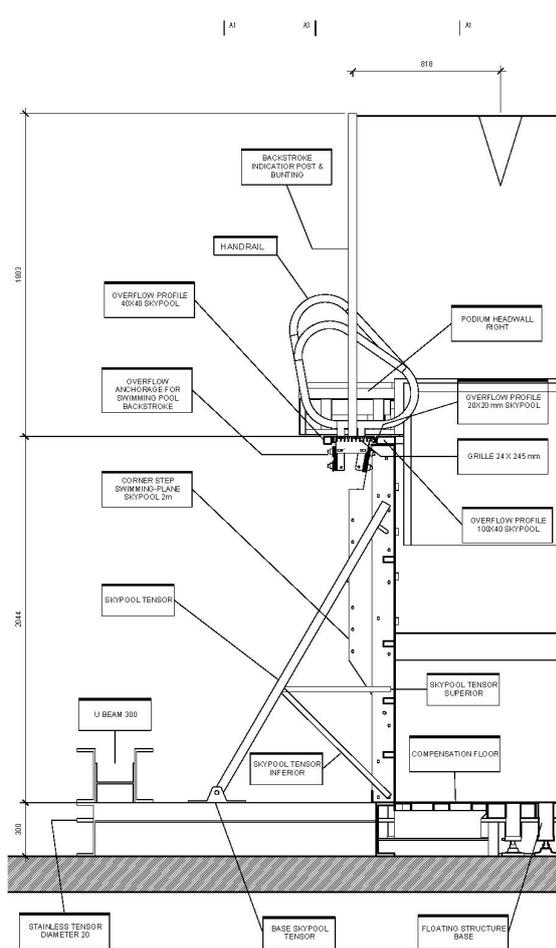


④ 3D FRONT VIEW
NO SCALE

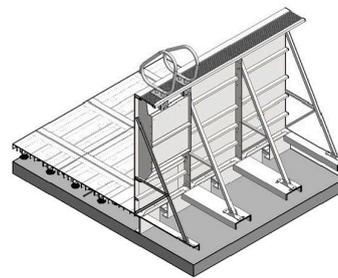


Sample designs and drawings for 2D & 3D POOLS (2)

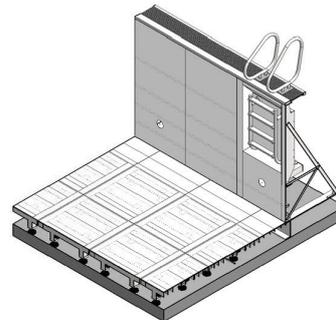
Olympic pool. Detailed panel section 2



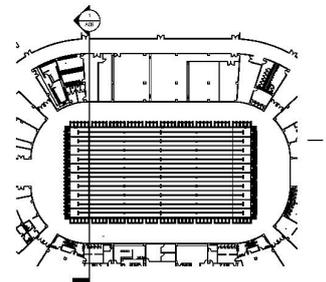
1 DETAILED SECTION 2
1 : 10



2 3D BACK VIEW1
NO SCALE

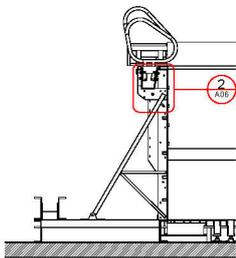


3 3D FRONT VIEW1
NO SCALE

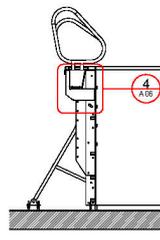


Sample designs and drawings for 2D & 3D POOLS (2)

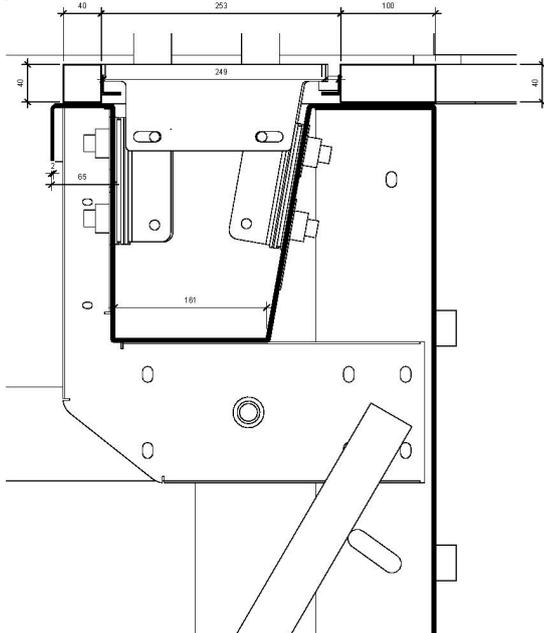
Olympic and Warm up pool. Panel types



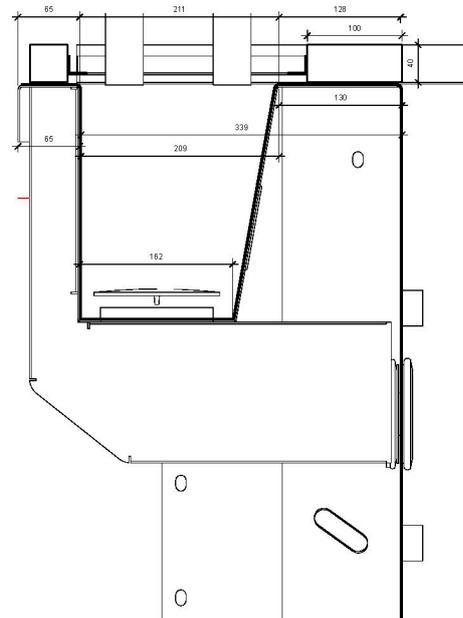
1 OLYMPIC POOL PANEL
1:25



3 WARM UP POOL PANEL
1:25



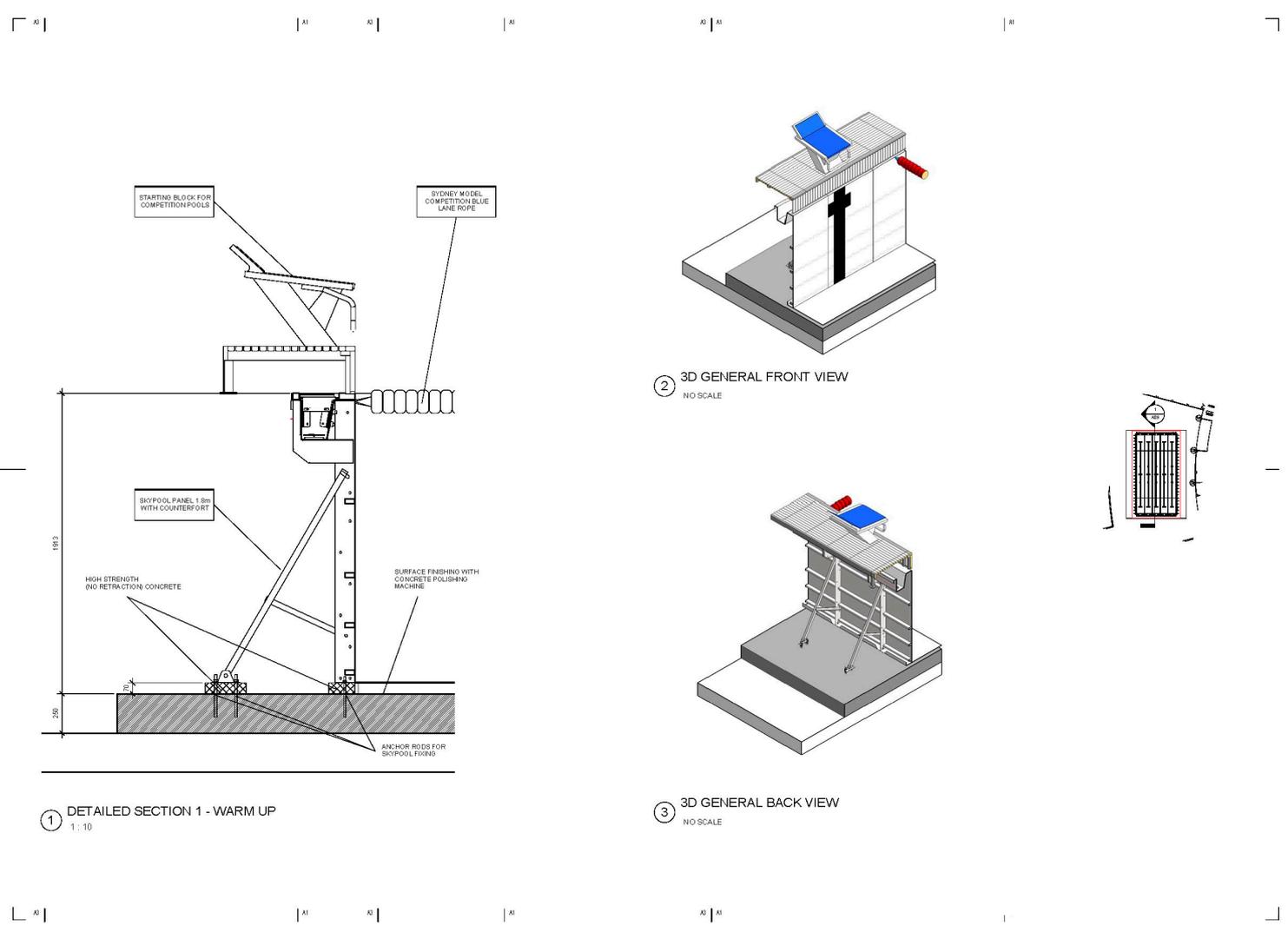
2 OLYMPIC POOL PANEL OVERFLOW
1:2



4 WARM UP POOL PANEL OVERFLOW
1:2

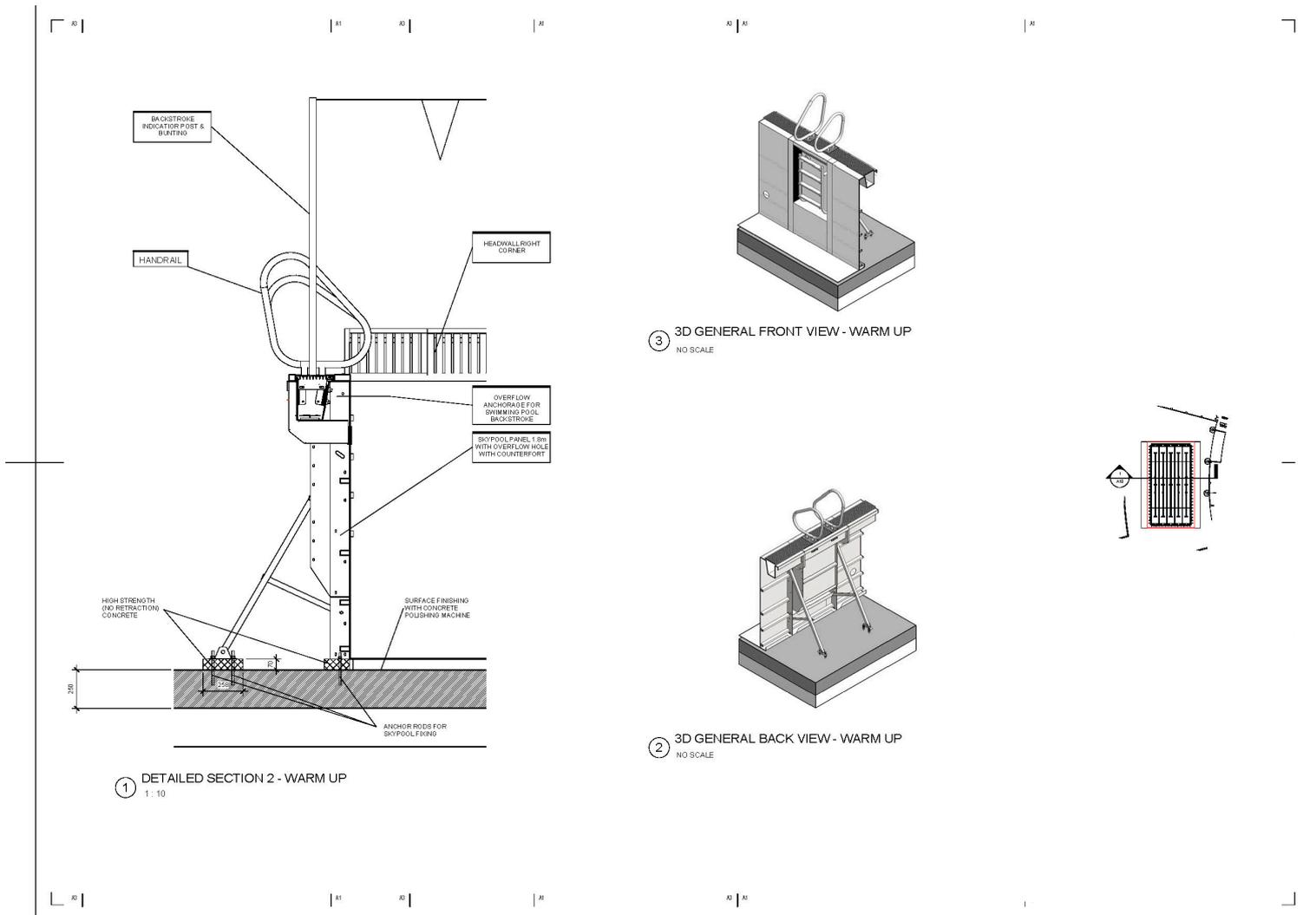
Sample designs and drawings for 2D & 3D POOLS (2)

Warm up pool. Detailed panel section



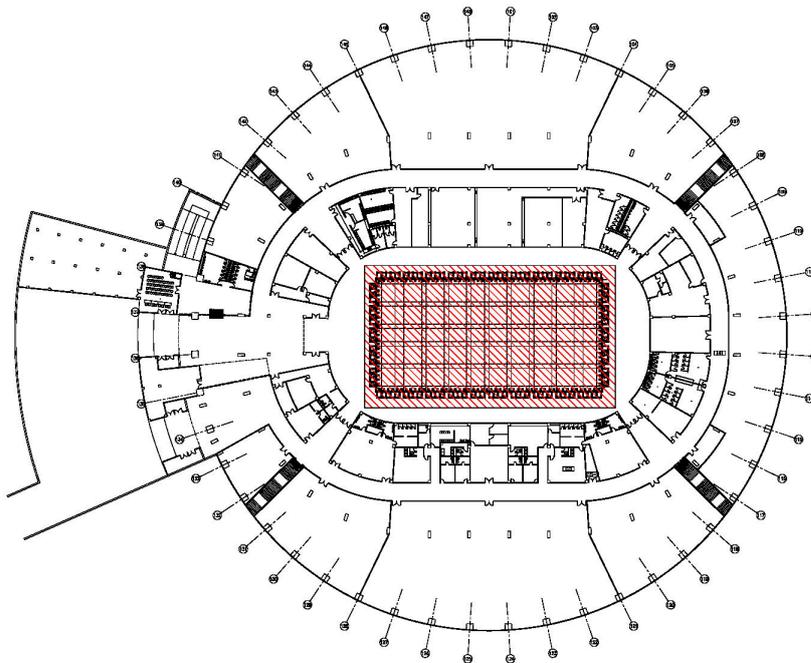
Sample designs and drawings for 2D & 3D POOLS (2)

Warm up pool. Detailed panel section



Sample designs and drawings for 2D & 3D POOLS (2)

Floating structure and counterforts

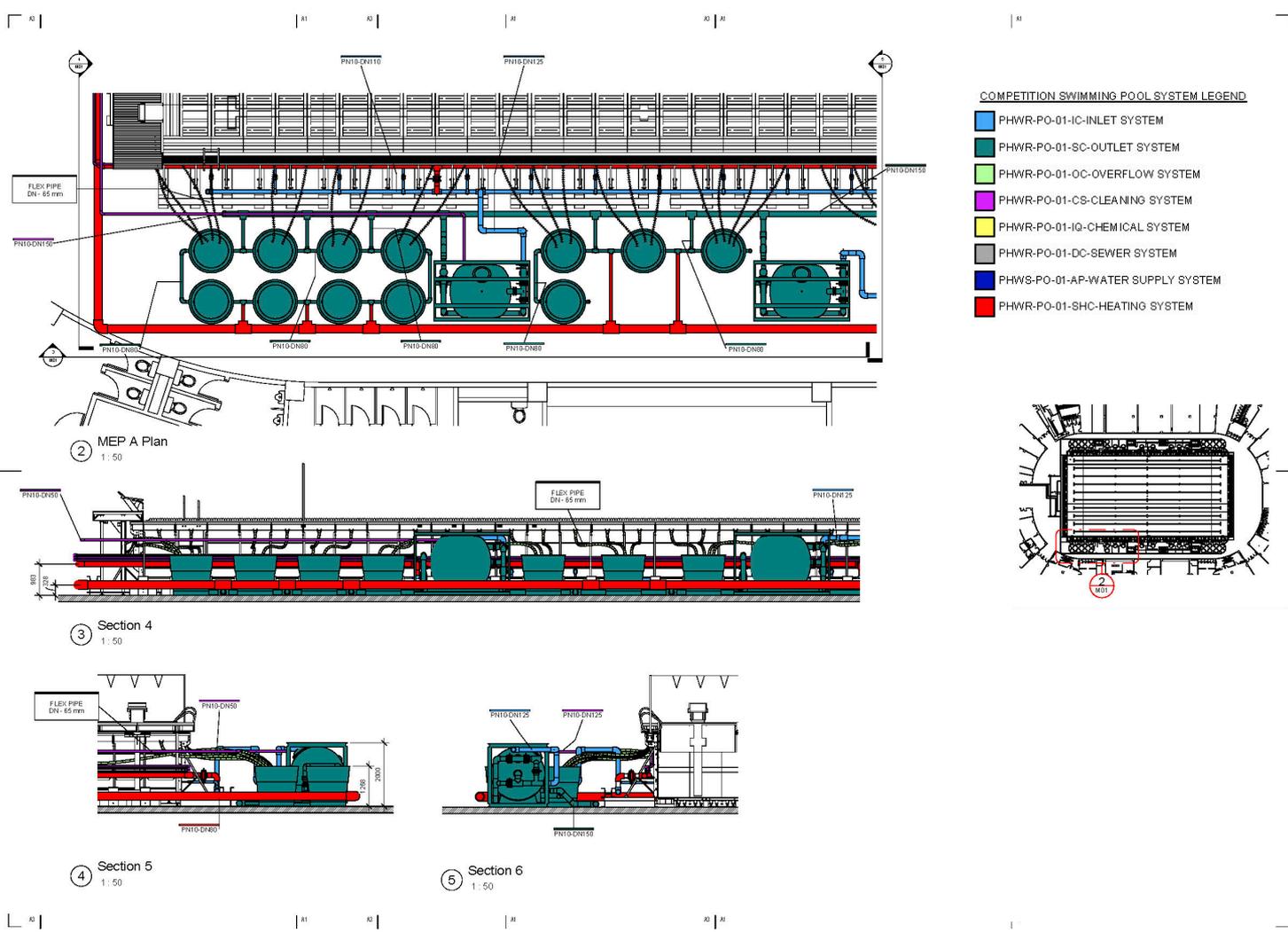


 Floating structure

① FLOATING STRUCTURE & TENSORS
1:400

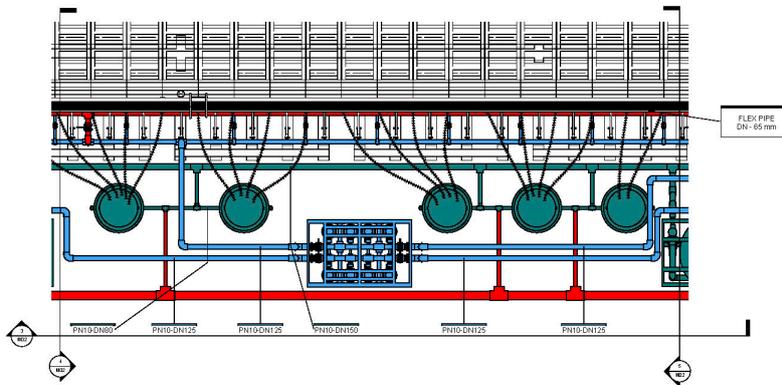
Sample designs and drawings for 2D & 3D POOLS (2)

Olympic pool MEP 1

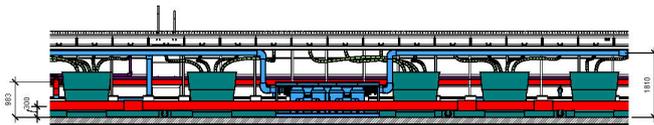


Sample designs and drawings for 2D & 3D POOLS (2)

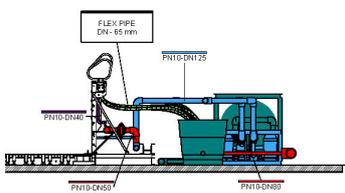
Olympic pool MEP 2



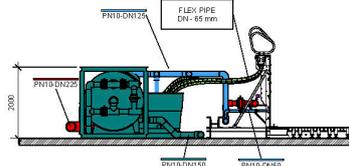
② MEP B Plan
1:50



③ Section 7
1:50



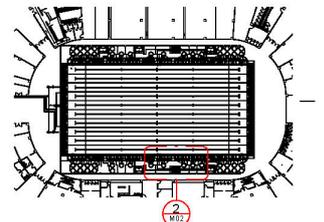
④ Section 8
1:50



⑤ Section 9
1:50

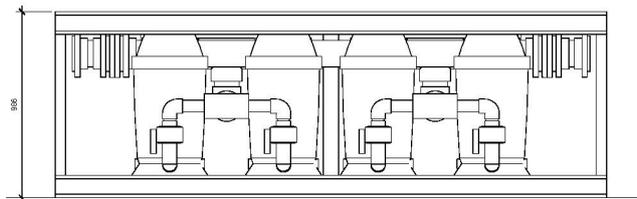
COMPETITION SWIMMING POOL SYSTEM LEGEND

- PHWR-PO-01-IC-INLET SYSTEM
- PHWR-PO-01-SC-OUTLET SYSTEM
- PHWR-PO-01-OC-OVERFLOW SYSTEM
- PHWR-PO-01-CS-CLEANING SYSTEM
- PHWR-PO-01-IQ-CHEMICAL SYSTEM
- PHWR-PO-01-DC-SEWER SYSTEM
- PHWS-PO-01-AP-WATER SUPPLY SYSTEM
- PHWR-PO-01-SHC-HEATING SYSTEM

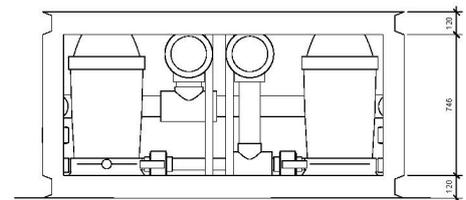


Sample designs and drawings for 2D & 3D POOLS (2)

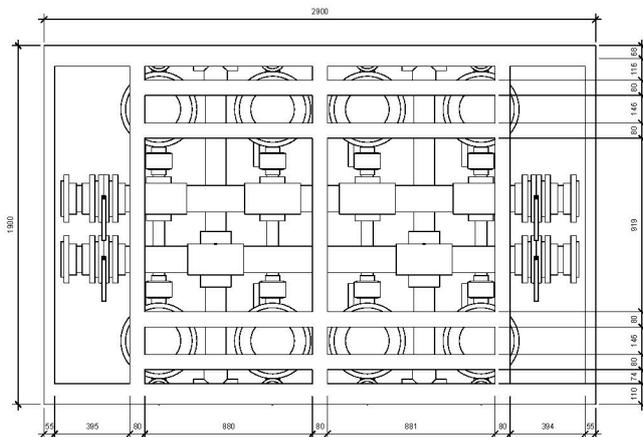
Refining Equipment



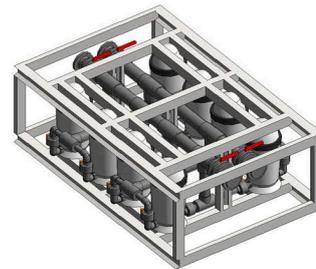
1 REFININF FRONT
1: 10



2 REFINING RIGHT
1: 10

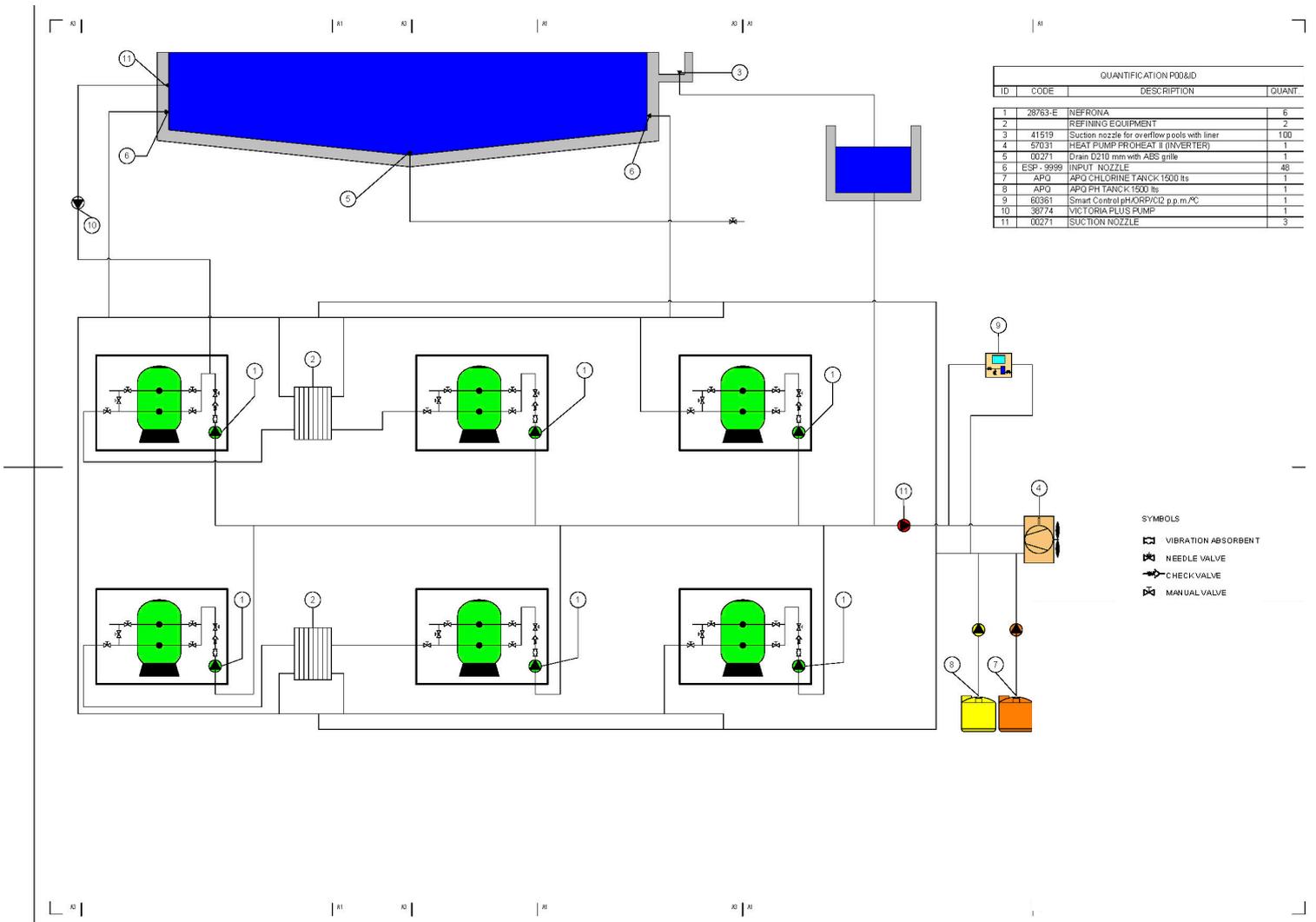


3 REFINING FLOOR PLANT
1: 10



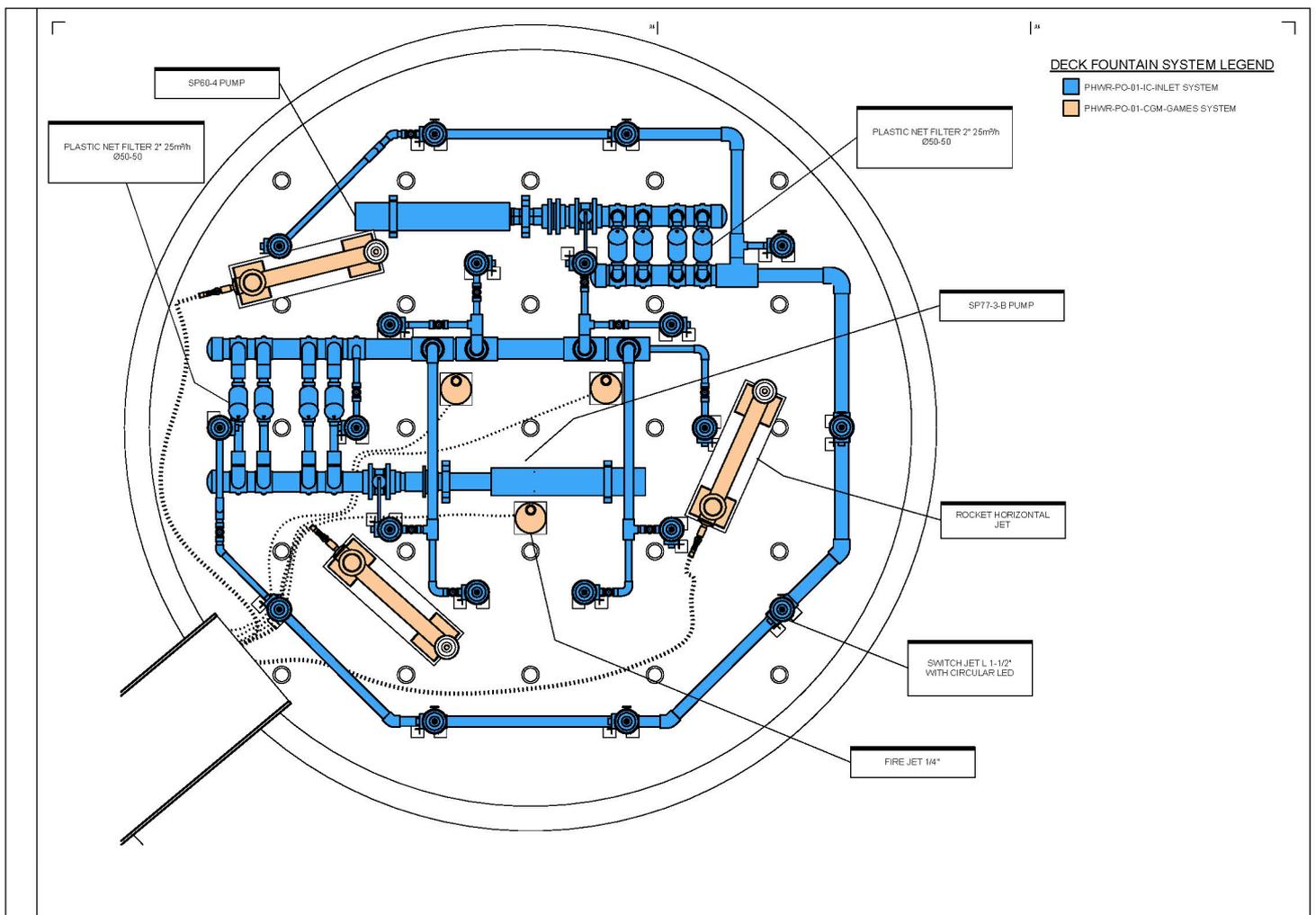
Sample designs and drawings for 2D & 3D POOLS (2)

P&ID 50m Swimming pool



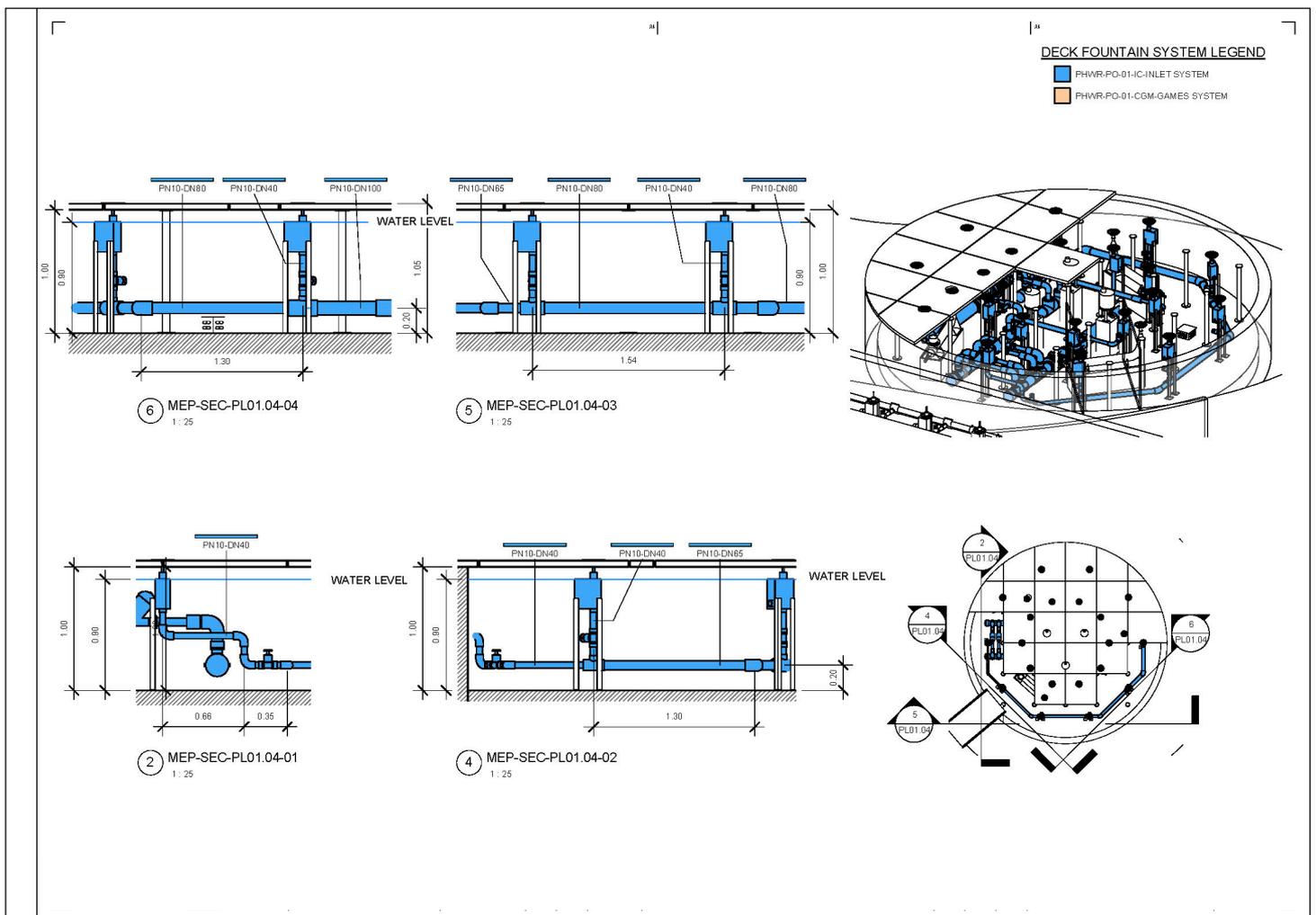
Sample designs and drawings for 2D & 3D FOUNTAINS (1)

Fountain deck. Floor plan



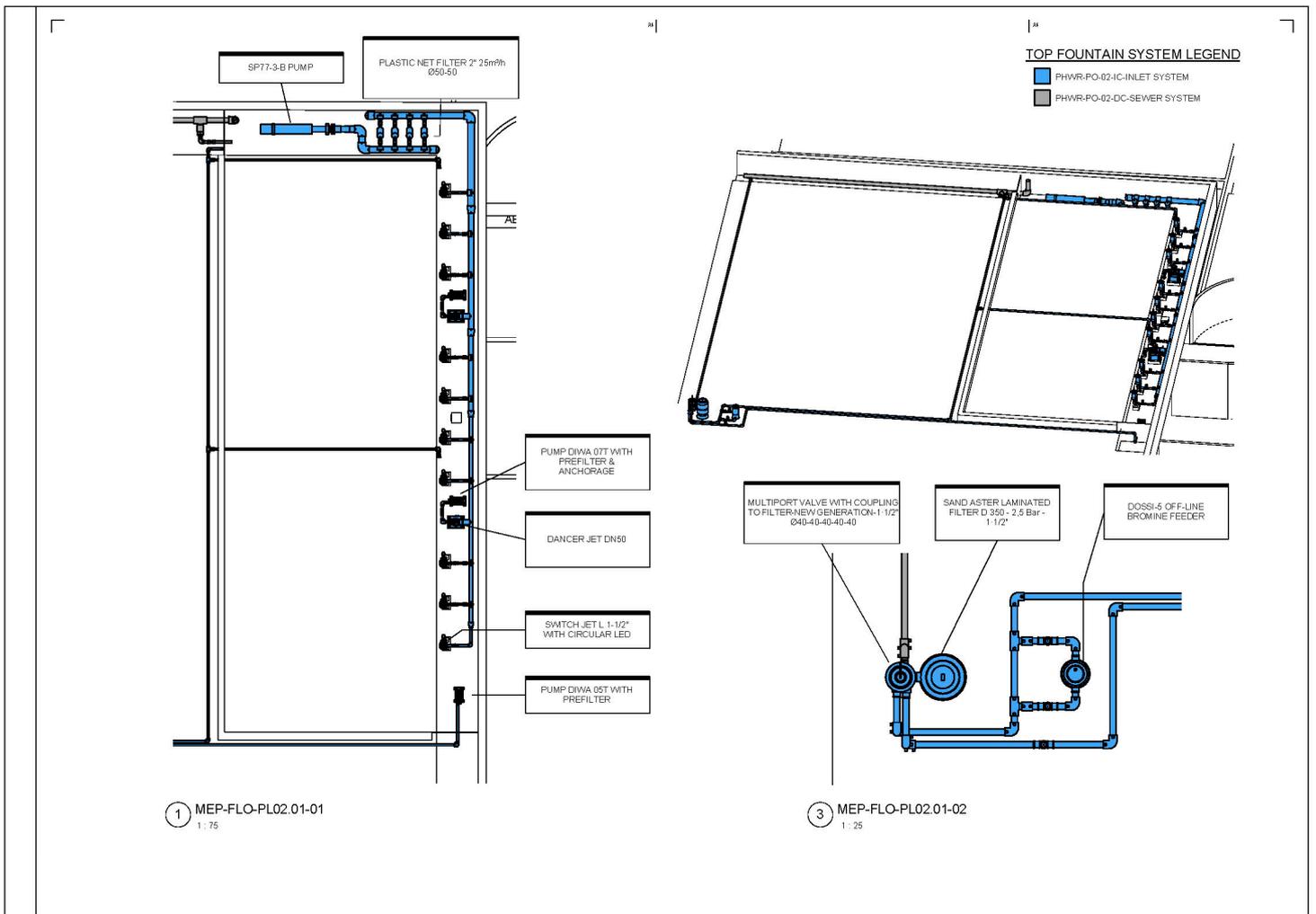
Sample designs and drawings for 2D & 3D FOUNTAINS (1)

External Switch Jets



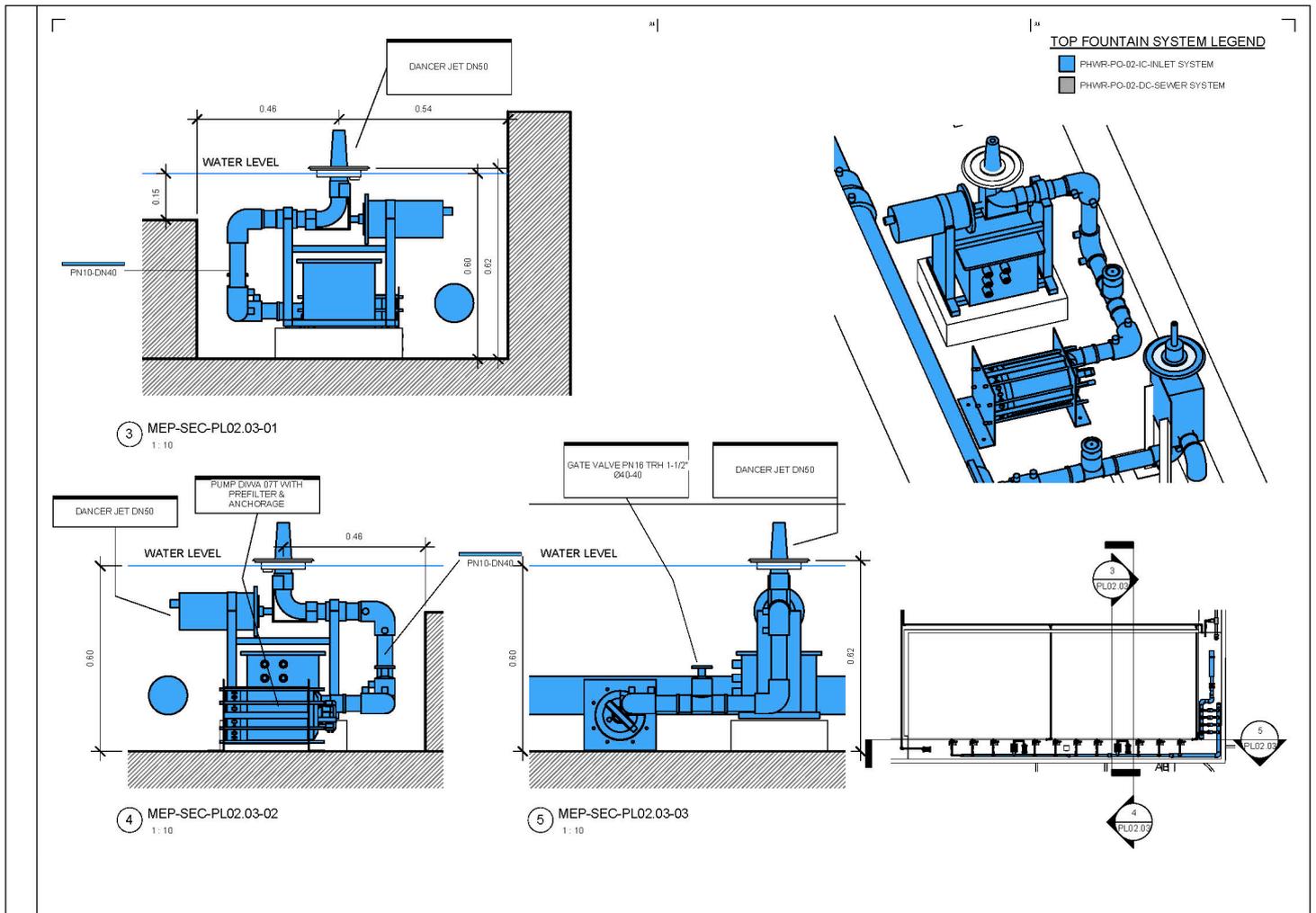
Sample designs and drawings for 2D & 3D FOUNTAINS (1)

Top Fountain System



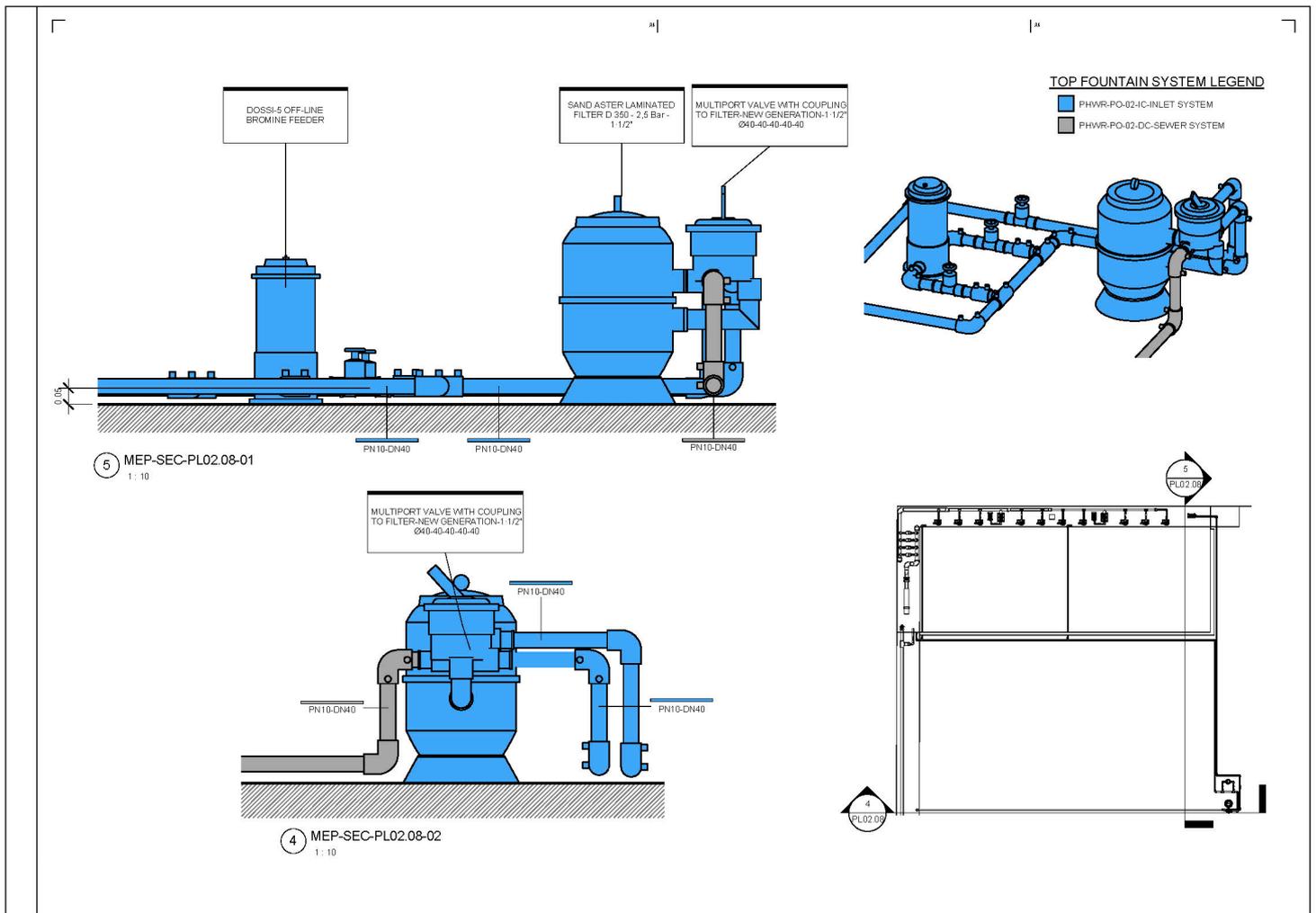
Sample designs and drawings for 2D & 3D FOUNTAINS (1)

Dancer Jet Sections



Sample designs and drawings for 2D & 3D FOUNTAINS (1)

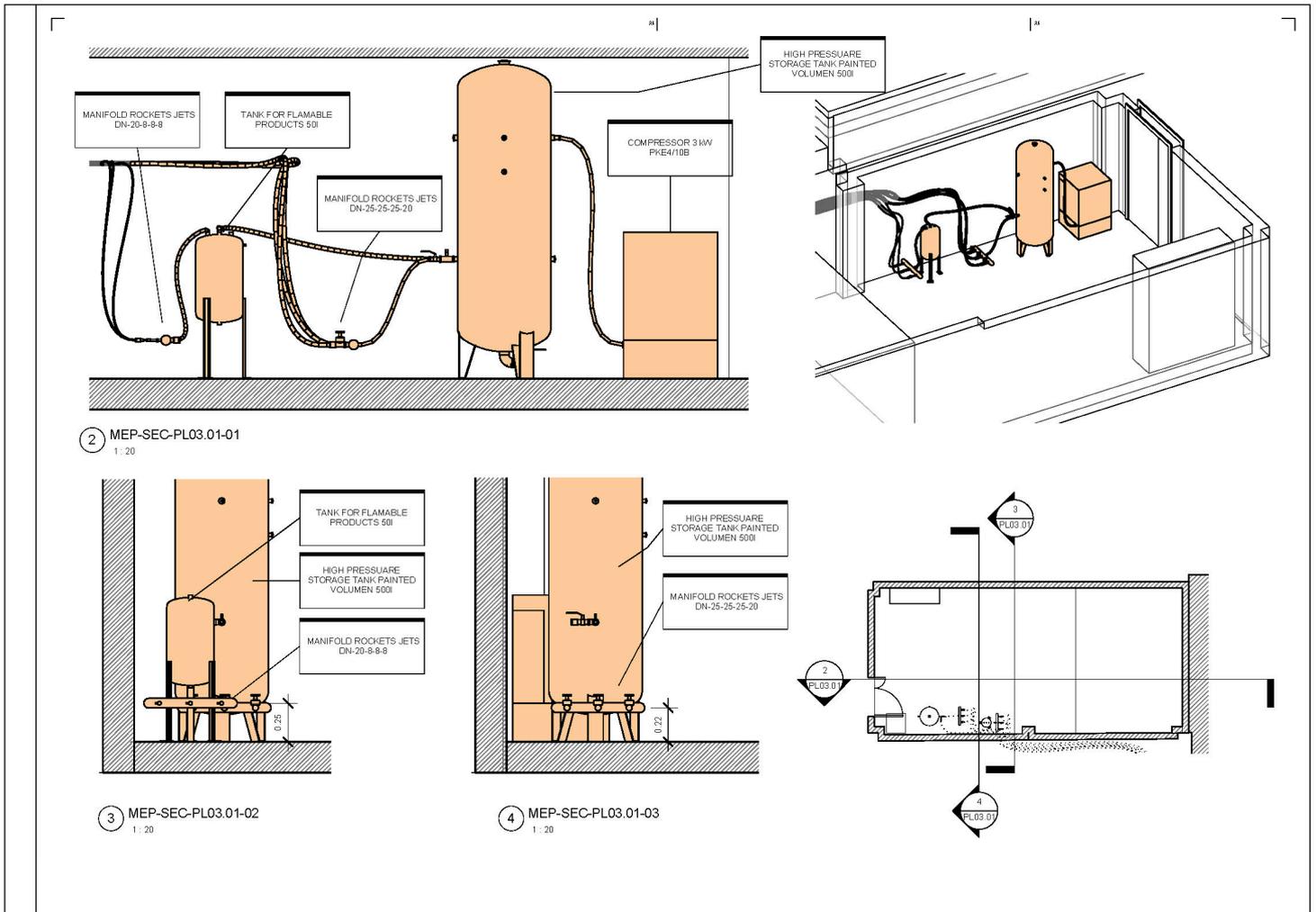
Filtration system



Sample designs and drawings for 2D & 3D

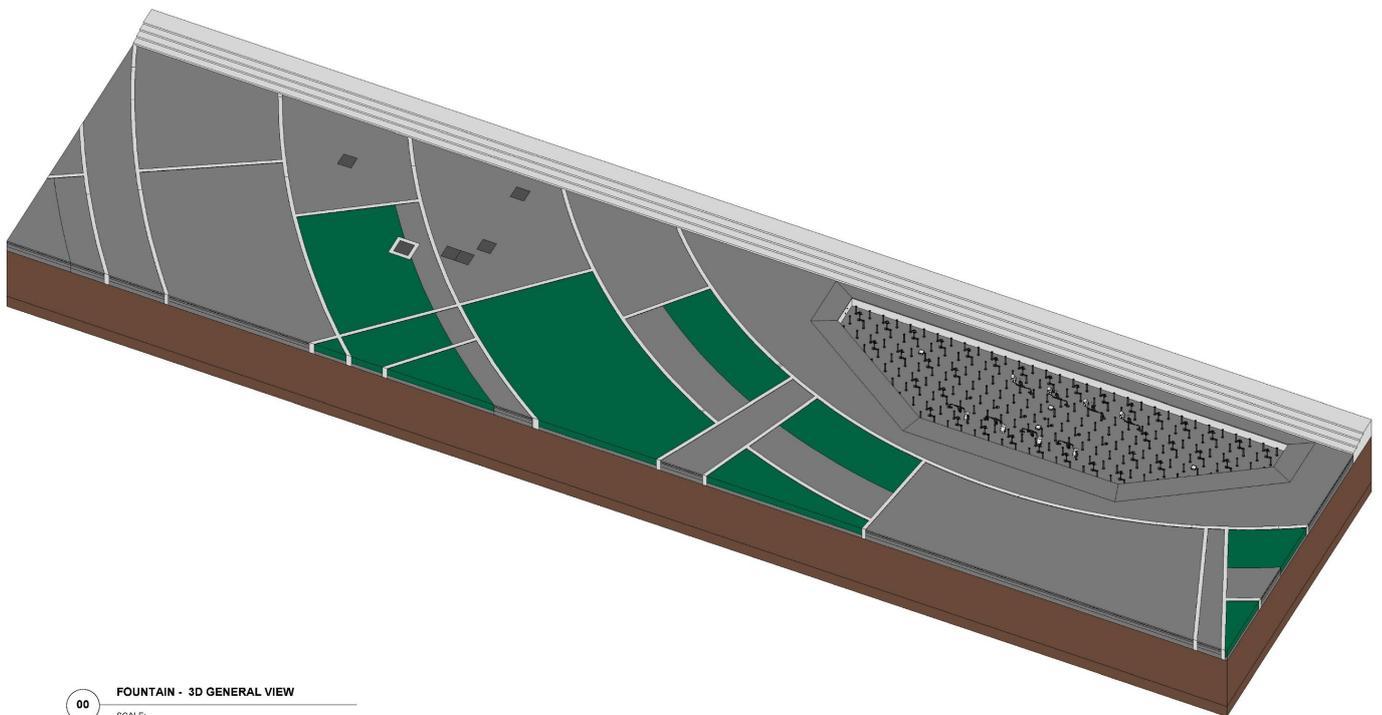
FOUNTAINS (1)

Technical Room



Sample designs and drawings for 2D & 3D FOUNTAINS (2)

Fountain General 3D View



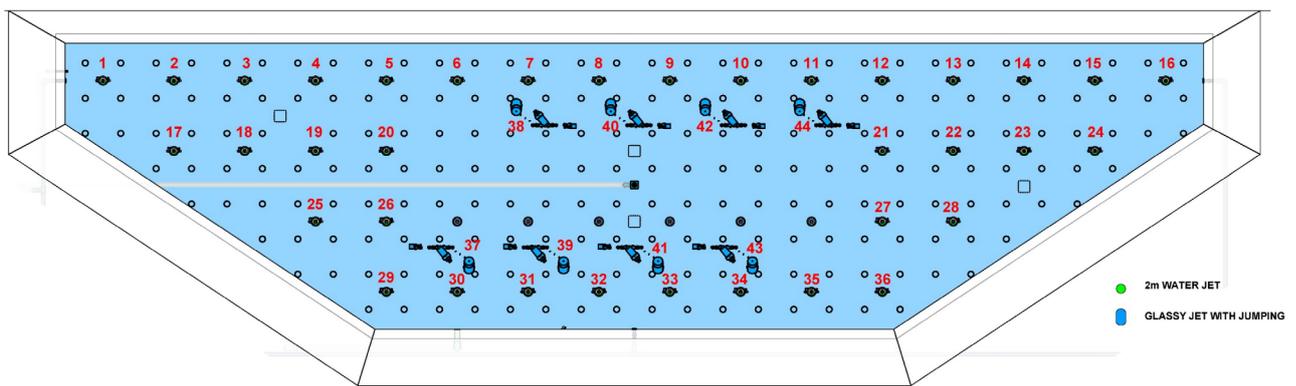
00

FOUNTAIN - 3D GENERAL VIEW

SCALE:

Sample designs and drawings for 2D & 3D FOUNTAINS (2)

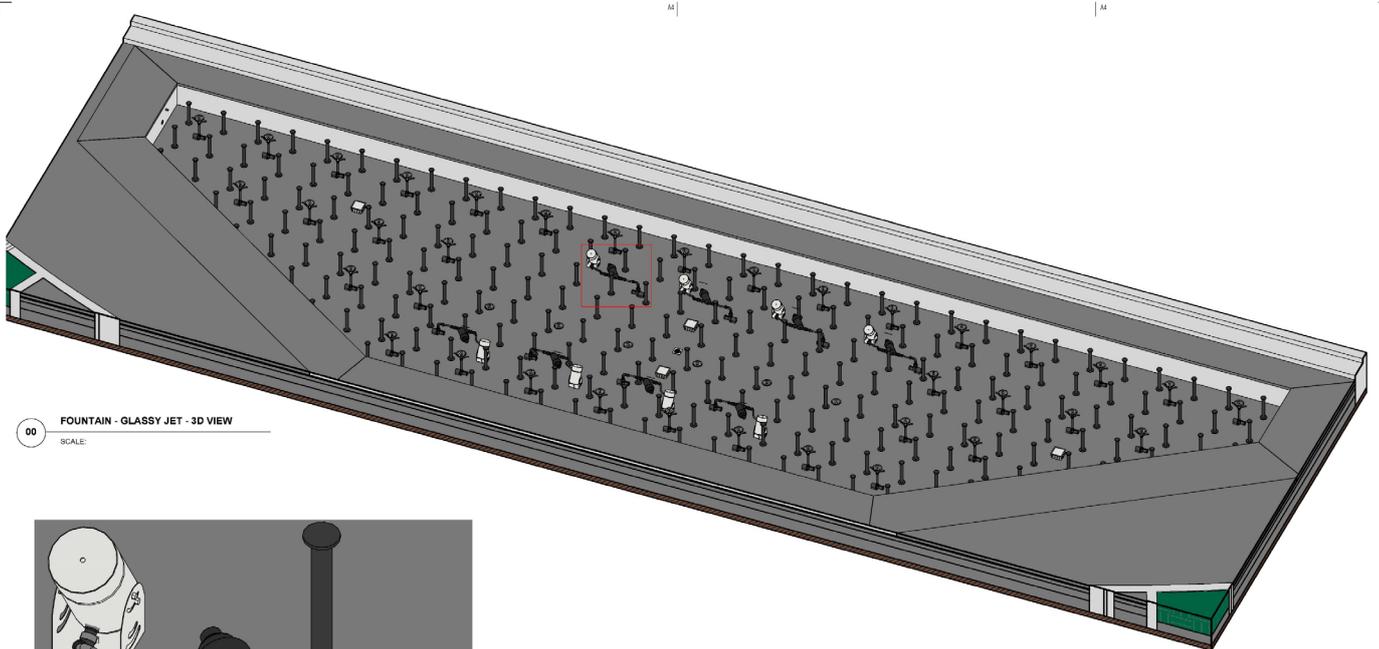
Water jets. Numbering



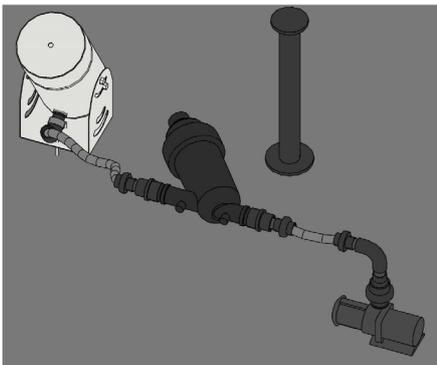
00 FOUNTAIN - WATER JET NUMBERING
SCALE: 1:75

Sample designs and drawings for 2D & 3D FOUNTAINS (2)

Glassy Jet. General 3D View



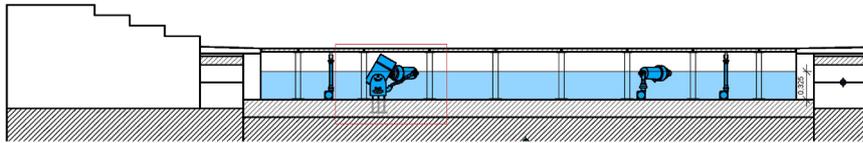
00 FOUNTAIN - GLASSY JET - 3D VIEW
SCALE:



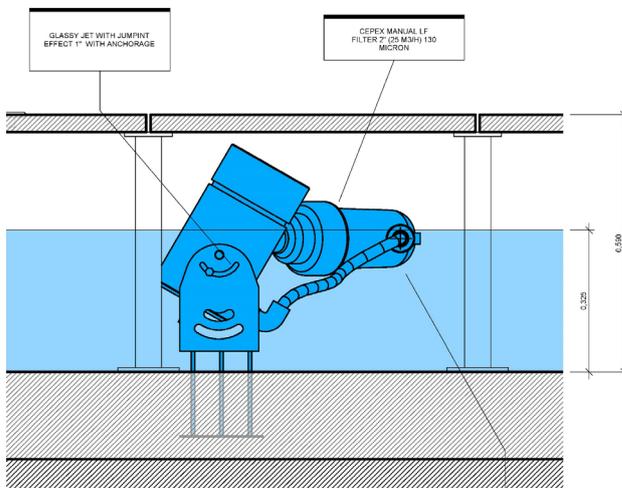
01 3D VIEW - GLASSY JET DETAIL
SCALE:

Sample designs and drawings for 2D & 3D FOUNTAINS (2)

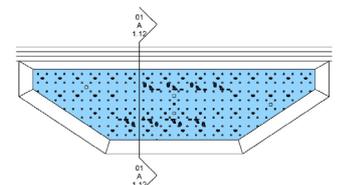
Glassy Jet. Section Detail



01 SEC_GLASSY W. JUMPING 01
SCALE: 1 : 40

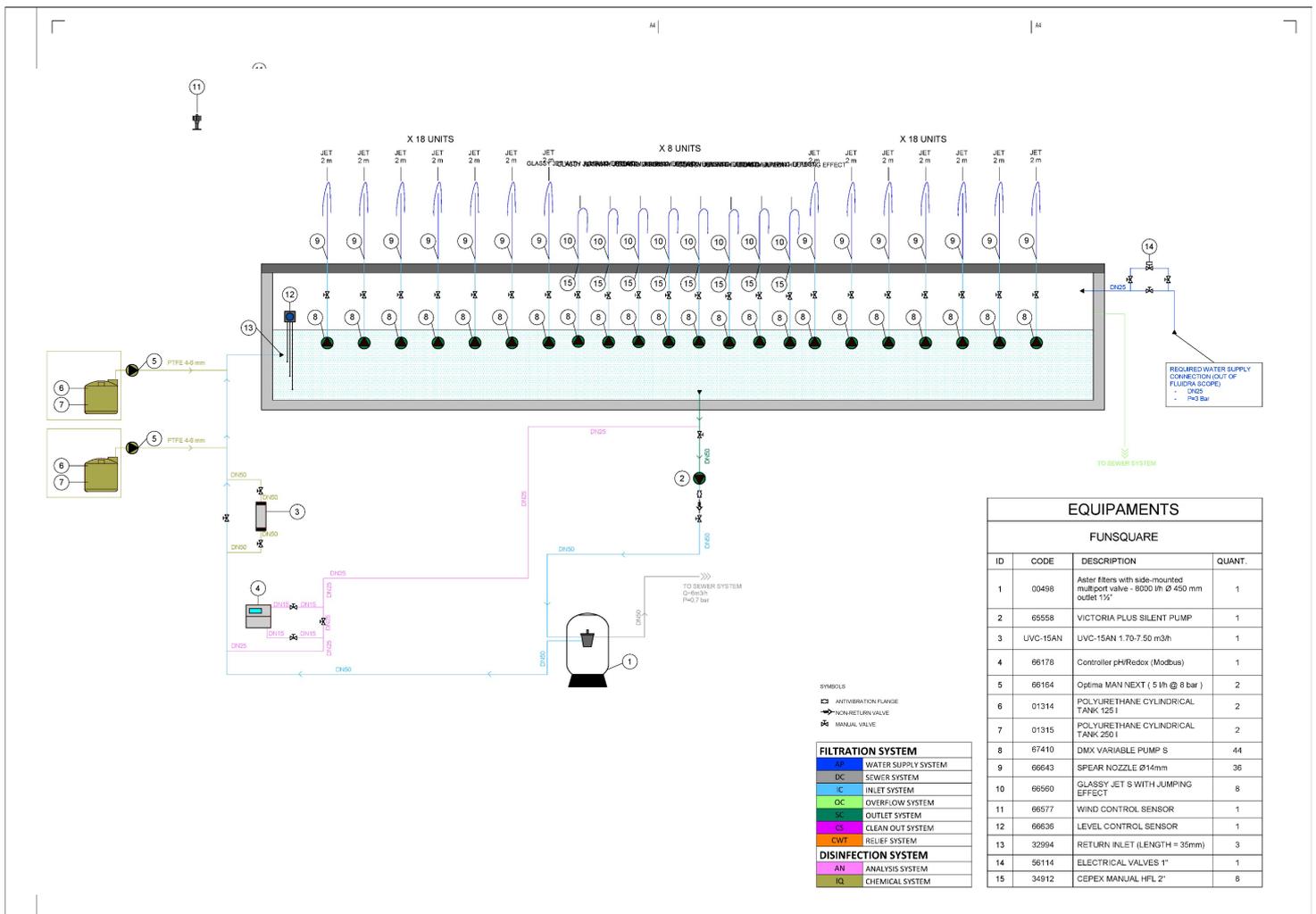


01.1 GLASSY JET DETAIL
SCALE: 1 : 8



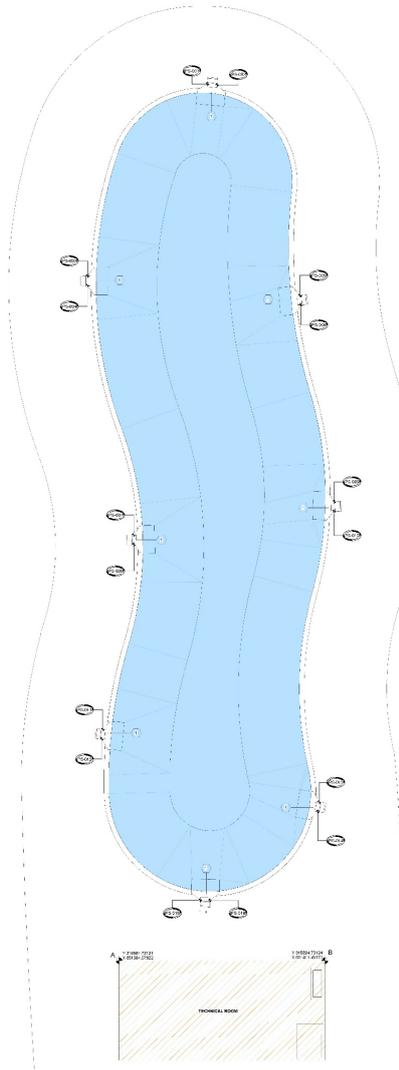
Sample designs and drawings for 2D & 3D FOUNTAINS (2)

Diagram. Water treatment system



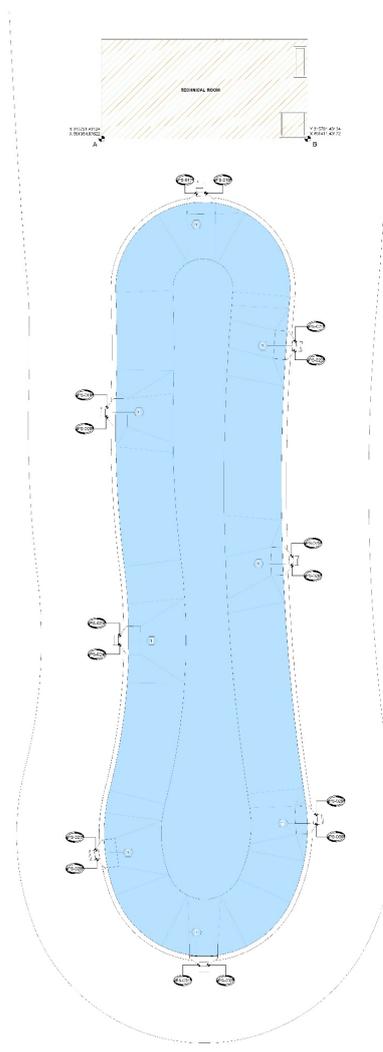
Sample designs and drawings for 2D & 3D LAGOONS

DETAILED DESIGN. SKIMMERS FLOOR PLAN



SKIMMERS NOZZLES COORDINATES C2 A

Ref.	Coordinate X	Coordinate Y
PS-001	851388102	31821980
PS-002	851388110	31821980
PS-003	851379920	31826230
PS-004	851379930	31826230
PS-005	851408110	31829230
PS-006	851408120	31829230
PS-007	851388200	31826230
PS-008	851388210	31826230
PS-009	851412980	31826230
PS-010	851412990	31826230
PS-011	851388300	31826230
PS-012	851388310	31826230
PS-013	851412980	31826230
PS-014	851412990	31826230
PS-015	851388400	31826230
PS-016	851388410	31826230

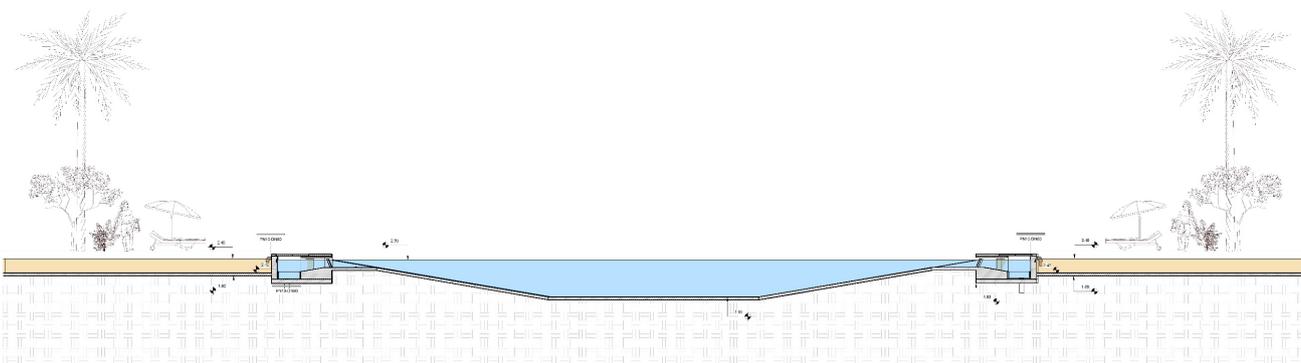


SKIMMERS NOZZLES COORDINATES C2 B

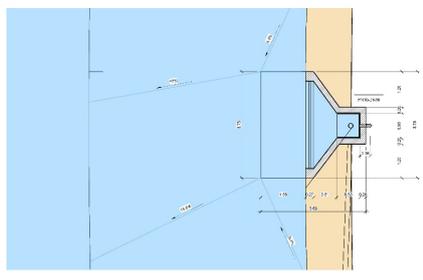
Ref.	Coordinate X	Coordinate Y
PS-017	851388400	31826230
PS-018	851388410	31826230
PS-019	851388420	31826230
PS-020	851388430	31826230
PS-021	851388440	31826230
PS-022	851388450	31826230
PS-023	851388460	31826230
PS-024	851388470	31826230
PS-025	851388480	31826230
PS-026	851388490	31826230
PS-027	851388500	31826230
PS-028	851388510	31826230
PS-029	851388520	31826230
PS-030	851388530	31826230
PS-031	851388540	31826230
PS-032	851388550	31826230
PS-033	851388560	31826230

Sample designs and drawings for 2D & 3D LAGOONS

DETAILED DESIGN. SKIMMER DETAILS

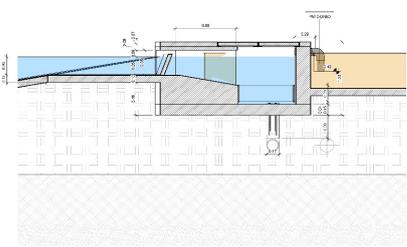


01 SKIMMERS - SECTION - DETAIL
 SCALE: 1:50
 ALL DIMENSIONS SHOWN IN THIS DRAWING MUST FOLLOW THE TOLERANCES DEFINED BY THE GENERAL PROJECT SPECIFICATION.

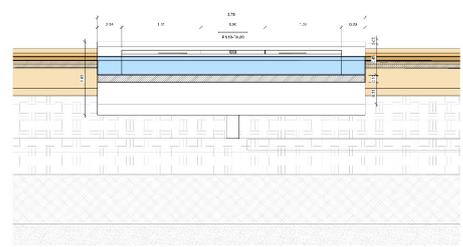


02 SKIMMER - FLOOR PLAN - DETAIL
 SCALE: 1:50
 ALL DIMENSIONS SHOWN IN THIS DRAWING MUST FOLLOW THE TOLERANCES DEFINED BY THE GENERAL PROJECT SPECIFICATION.

LAGOON HYDRAULIC SYSTEMS	
FILTRATION SYSTEM	
WATER SUPPLY SYSTEM	HYDR-PO-01-005
RENEWAL SYSTEM	HYDR-PO-01-025
INLET SYSTEM	HYDR-PO-01-015
OVERFLOW SYSTEM	HYDR-PO-01-035
CLEANING SYSTEM	HYDR-PO-01-015
OUTLET SYSTEM	HYDR-PO-01-035
RELIEF SYSTEM	HYDR-PO-01-035
DISINFECTION SYSTEM	
ANALYSIS SYSTEM	HYDR-PO-01-045
CHLORINATION SYSTEM	HYDR-PO-01-045
SURROUNDING SYSTEM	
ACCESSORIES SYSTEM	HYDR-PO-01-045
ELECTRICAL SYSTEM	
ELECTRICAL SYSTEM	HYDR-PO-01-015
LIGHTING SYSTEM	HYDR-PO-01-015
HVAC SYSTEM	
AIR SUPPLY	HVAC-PO-01-015
AIR RETURN	HVAC-PO-01-015



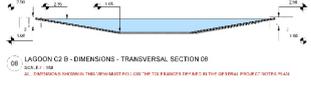
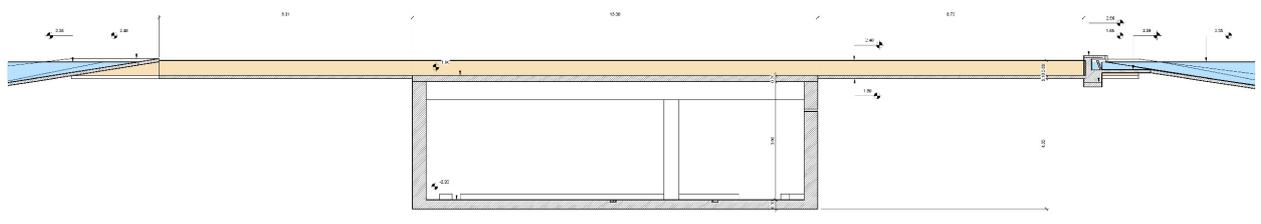
03 SKIMMER - TRANSVERSAL SECTION - DETAIL
 SCALE: 1:50
 ALL DIMENSIONS SHOWN IN THIS DRAWING MUST FOLLOW THE TOLERANCES DEFINED BY THE GENERAL PROJECT SPECIFICATION.



04 SKIMMER - LONGITUDINAL SECTION - DETAIL
 SCALE: 1:50
 ALL DIMENSIONS SHOWN IN THIS DRAWING MUST FOLLOW THE TOLERANCES DEFINED BY THE GENERAL PROJECT SPECIFICATION.

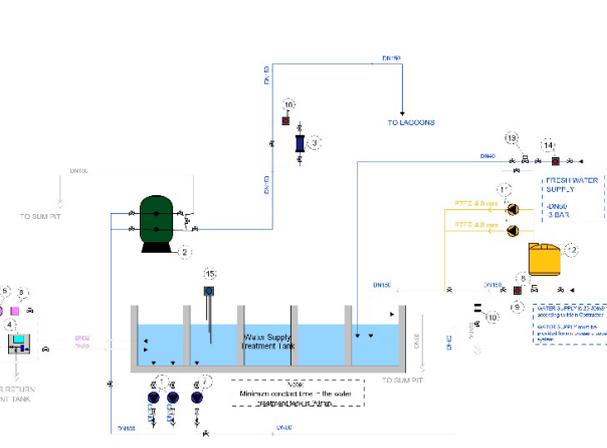
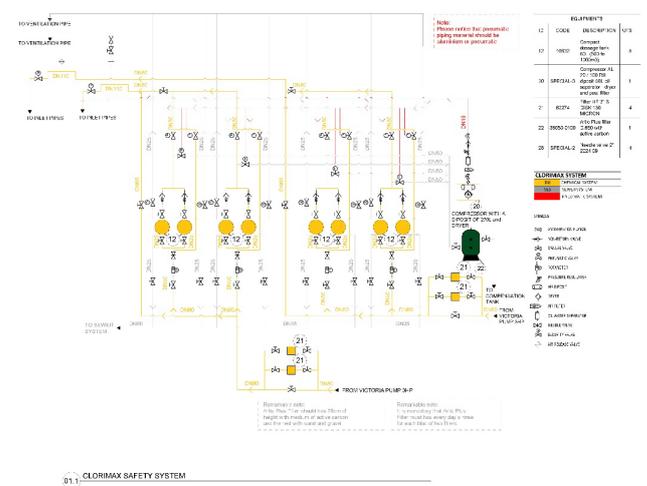
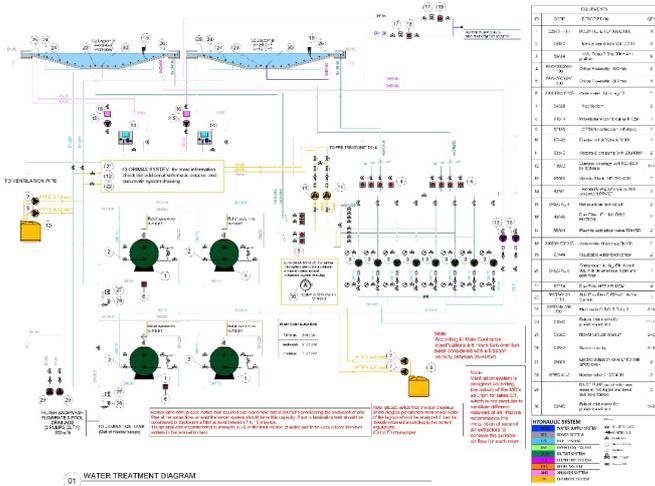
Sample designs and drawings for 2D & 3D LAGOONS

DETAILED DESIGN. DIMENSIONS GENERAL SECTIONS



Sample designs and drawings for 2D & 3D LAGOONS

DETAILED DESIGN. WATER TREATMENT SYSTEMS



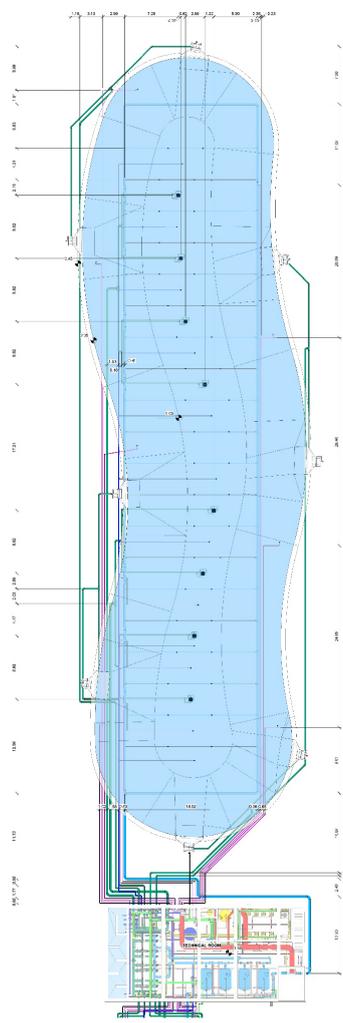
01 WATER TREATMENT DIAGRAM

01.1 CHLORIMAX SAFETY SYSTEM

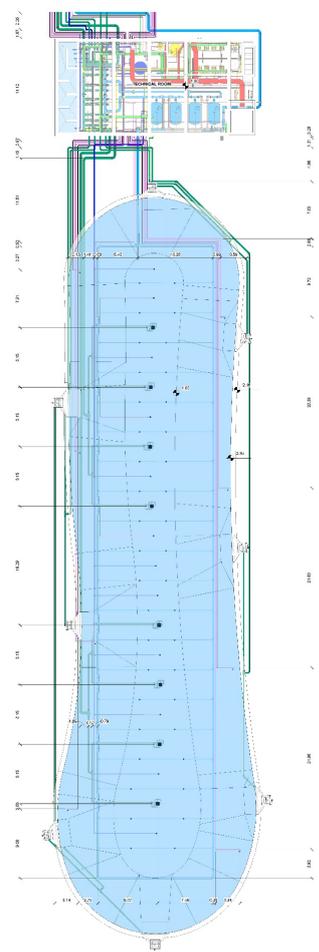
02 PRE-TREATMENT SYSTEM DIAGRAM

Sample designs and drawings for 2D & 3D LAGOONS

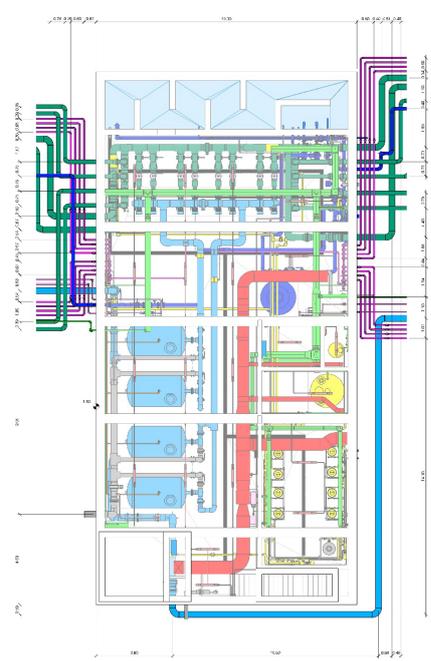
DETAILED DESIGN. ALL SYSTEMS FLOOR PLANS



01 LAGOON C2A - FLOOR PLAN - ALL PIPING SYSTEM VIEW
SCALE: 1:500
ALL DIMENSIONS SHOWN IN THIS DOCUMENT SHOULD BE TO DIMENSIONS UNLESS OTHERWISE SPECIFIED IN THE GENERAL PROJECT NOTES AND SPECIFICATIONS.



02 LAGOON C2B - FLOOR PLAN - ALL PIPING SYSTEM VIEW
SCALE: 1:500
ALL DIMENSIONS SHOWN IN THIS DOCUMENT SHOULD BE TO DIMENSIONS UNLESS OTHERWISE SPECIFIED IN THE GENERAL PROJECT NOTES AND SPECIFICATIONS.



03 TECHNICAL ROOM - FLOOR PLAN - RECESSED PIPES
SCALE: 1:100
ALL DIMENSIONS SHOWN IN THIS DOCUMENT SHOULD BE TO DIMENSIONS UNLESS OTHERWISE SPECIFIED IN THE GENERAL PROJECT NOTES AND SPECIFICATIONS.

MEASURE

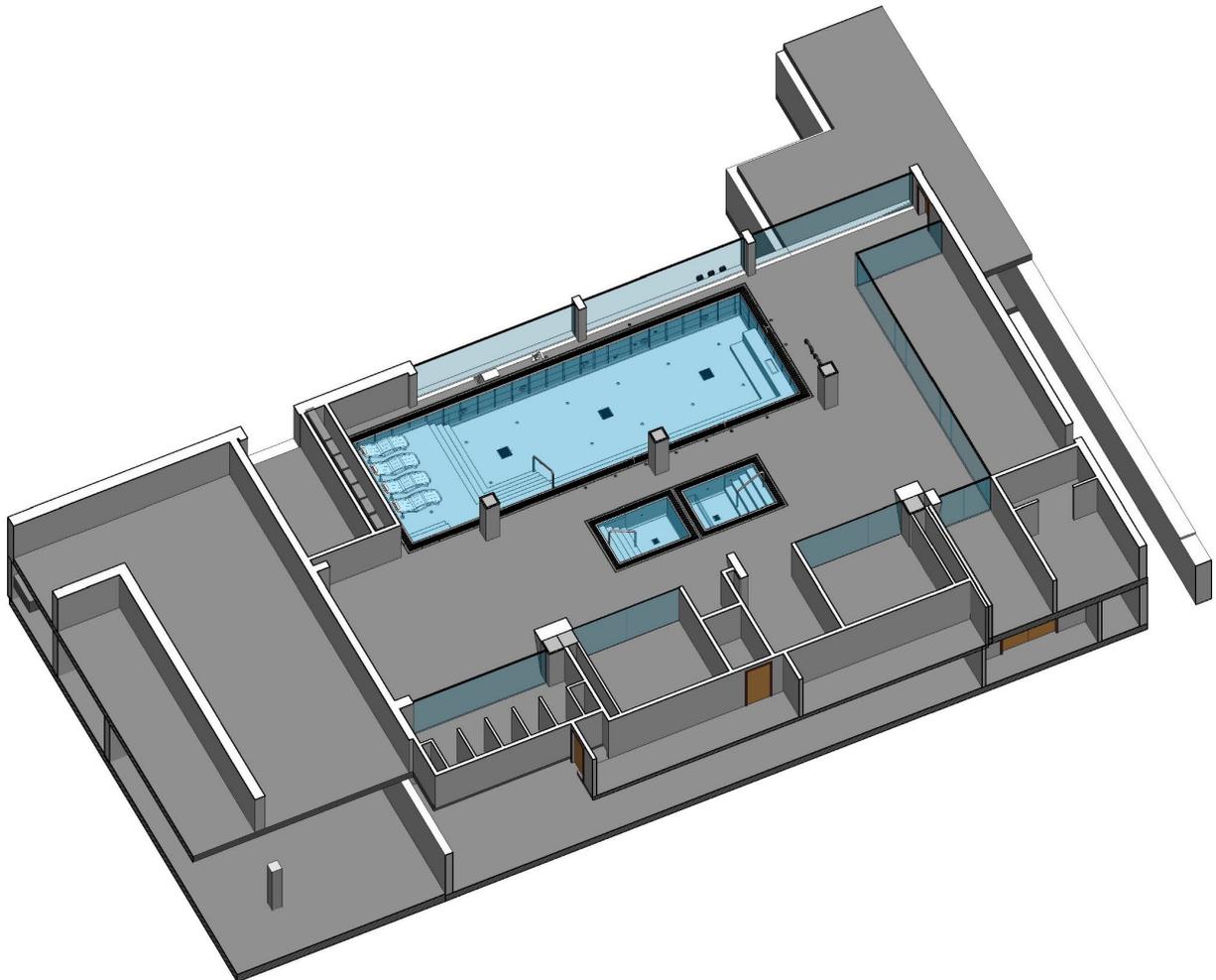
HYDRAULIC SYSTEM LEGEND

FILTRATION SYSTEM	
Water Supply System	HYDR-PC-01-WSS
Sparger System	HYDR-PC-01-SFS
Alert System	HYDR-PC-01-FAS
Overflow System	HYDR-PC-01-OWS
Qi Faning System	HYDR-PC-01-QIS
Outlet System	HYDR-PC-01-OUS
Relief System	HYDR-PC-01-RHS
DISINFECTION SYSTEM	
Analysis System	HYDR-PC-01-ANS
Chemical System	HYDR-PC-01-CHS
SURROUNDING SYSTEM	
Accessories System	HYDR-PC-01-ACS
ELECTRICAL SYSTEM	
Electrical System	HYDR-PC-01-ELS
Lighting System	HYDR-PC-01-LIS
HVAC SYSTEM	
Air Supply	HVAC-PC-01-ASM
Air Return	HVAC-PC-01-ARM

FLUIDRA

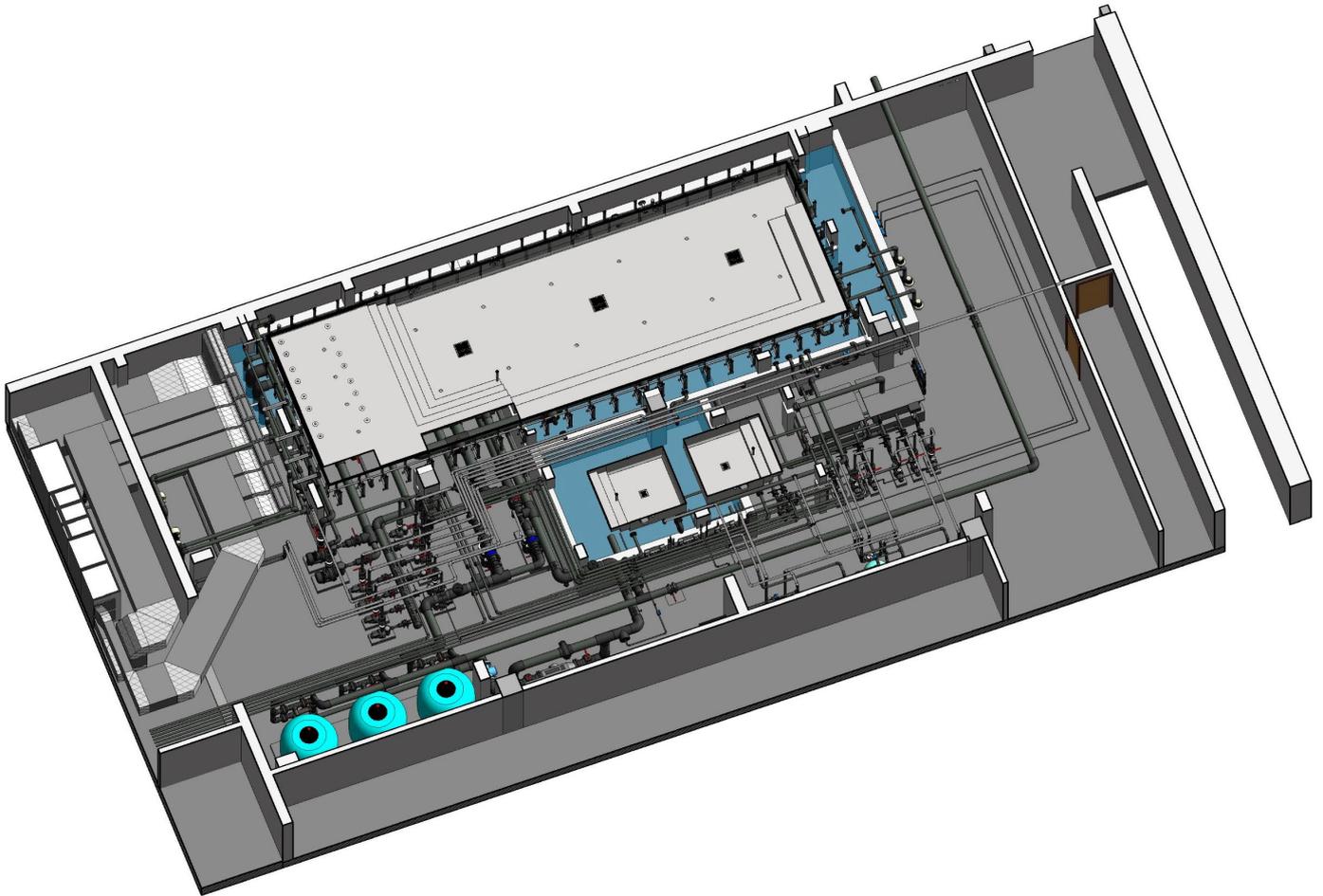
**Sample designs and
drawings for 2D & 3D**
WELLNESS

Wellness Zone. General 3D View



**Sample designs and
drawings for 2D & 3D**
WELLNESS

Technical Room. General 3D View



Sample designs and drawings for 2D & 3D
WELLNESS



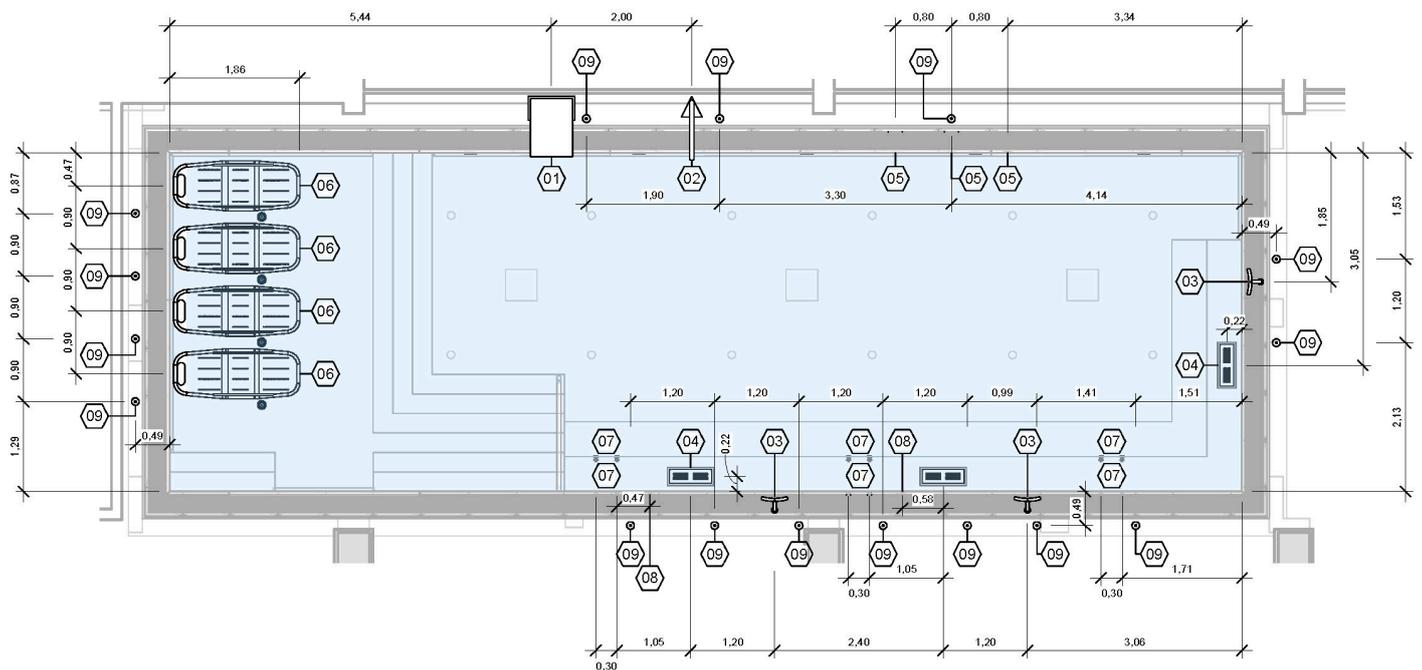
Vitality Pool Equipment. General View

NOTES

#	EQUIP.	CODE	QTY
01	POOL SURROUND CASCADE	34032	1
02	POOL SURROUND WATER JET WITH UNIFORM PRESSURE NOZZLE	34030	1
03	NECK MASSAGE WITH 6 ADJUSTABLE MINI JET STREAMS	60792	3
04	HYDROMASSAGE BENCH (Q = 80m³/h)	34051	3
05	SET COMPRISING THREE MASSAGE NOZZLES	34049	3
06	SPECIAL HYDROMASSAGE BED 80m³/h DN40	45665	4
07	MINIJET HIDROMASAJE 3 BOLTS	41283	12
08	INOX SUCTION NOZZLE FOR CONCRETE POOLS 1-1/2" 50cm	16328	2
09	PIEZOELECTRONIC PUSH BUTTON 61T SIMPLE PUSH BUTTON	45219	16

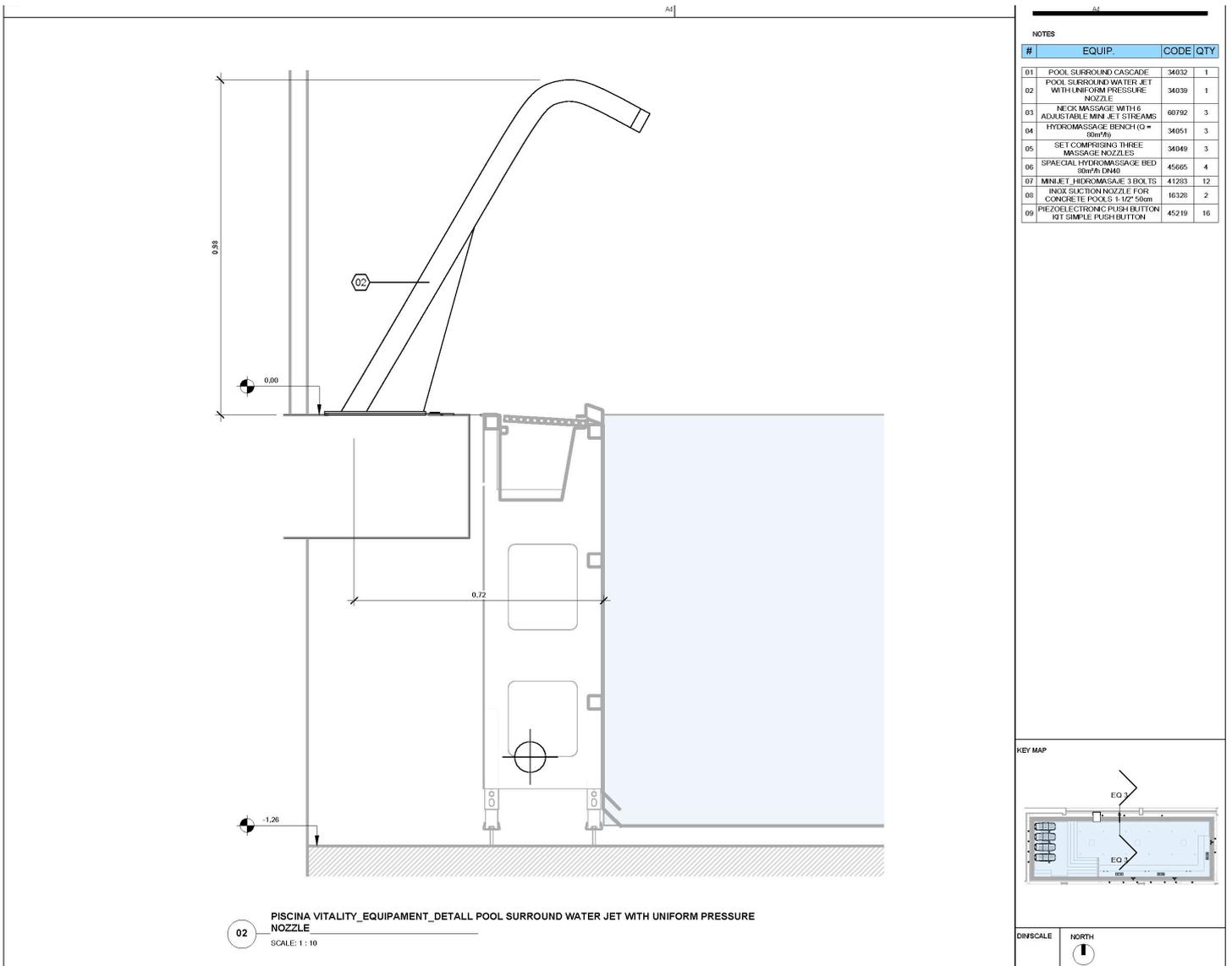
KEY MAP

DIMS SCALE NORTH



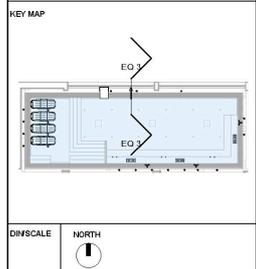
Sample designs and drawings for 2D & 3D
WELLNESS

Vitality Pool Equipment. Water Jet Detail



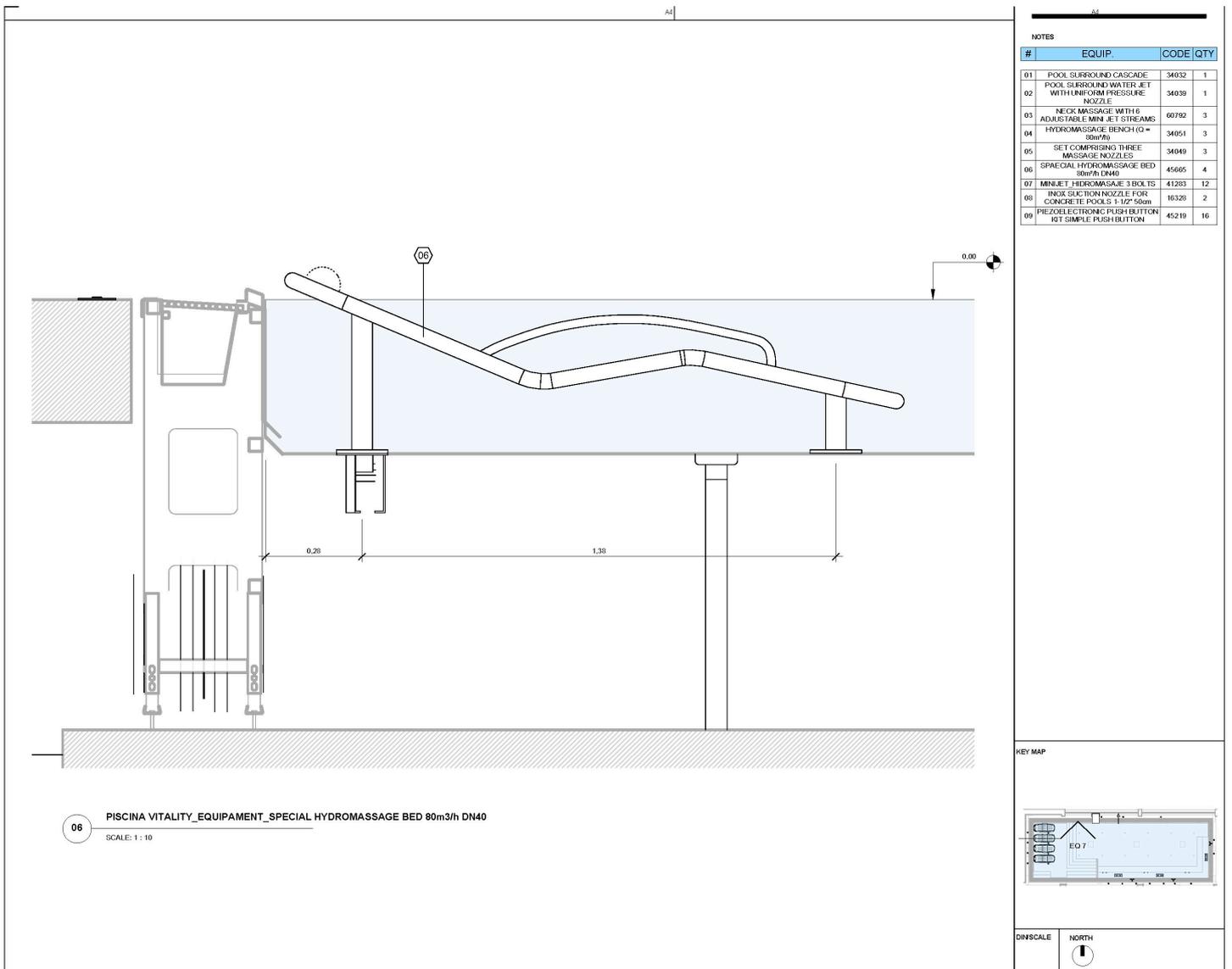
NOTES

#	EQUIP.	CODE	QTY
01	POOL SURROUND CASCADE	34032	1
02	POOL SURROUND WATER JET WITH UNIFORM PRESSURE NOZZLE	34039	1
03	NECK MASSAGE WITH 6 ADJUSTABLE MINI JET STREAMS	60792	3
04	HYDROMASSAGE BENCH (0 = 80cm/ft)	34051	3
05	SET COMPRISING THREE MASSAGE NOZZLES	34049	3
06	SPECIAL HYDROMASSAGE BED 80cm/ft DN40	45605	4
07	MINIJET HYDROMASSAJE 3 BOLTS	41283	12
08	INJIK SUCTION NOZZLE FOR CONCRETE POOLS 1.1/2" 50mm	16328	2
09	PIEZOELECTRONIC PUSH BUTTON 1ST SIMPLE PUSH BUTTON	45219	16



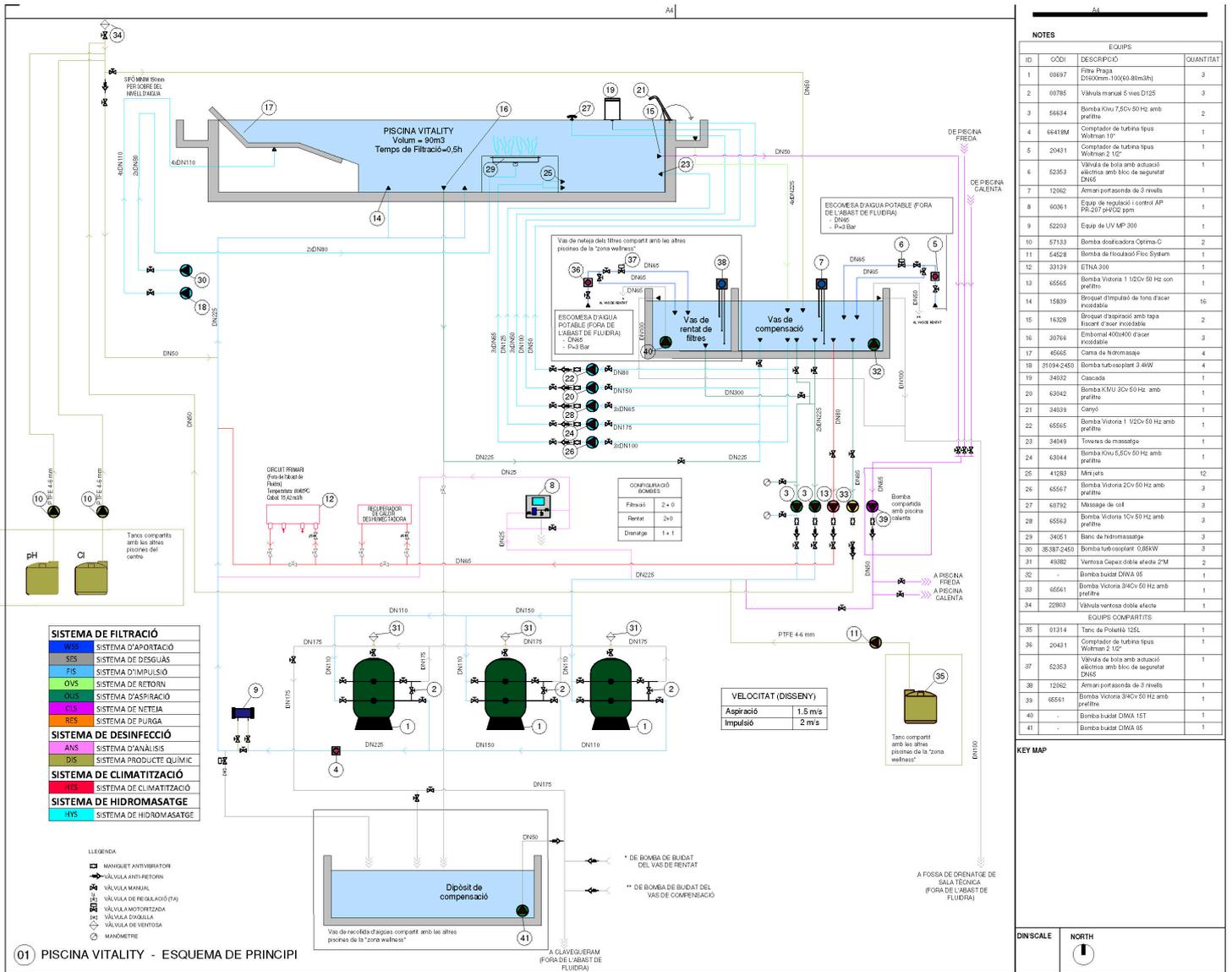
Sample designs and drawings for 2D & 3D
WELLNESS

Vitality Pool Equipment. Hydromassage bed Detail



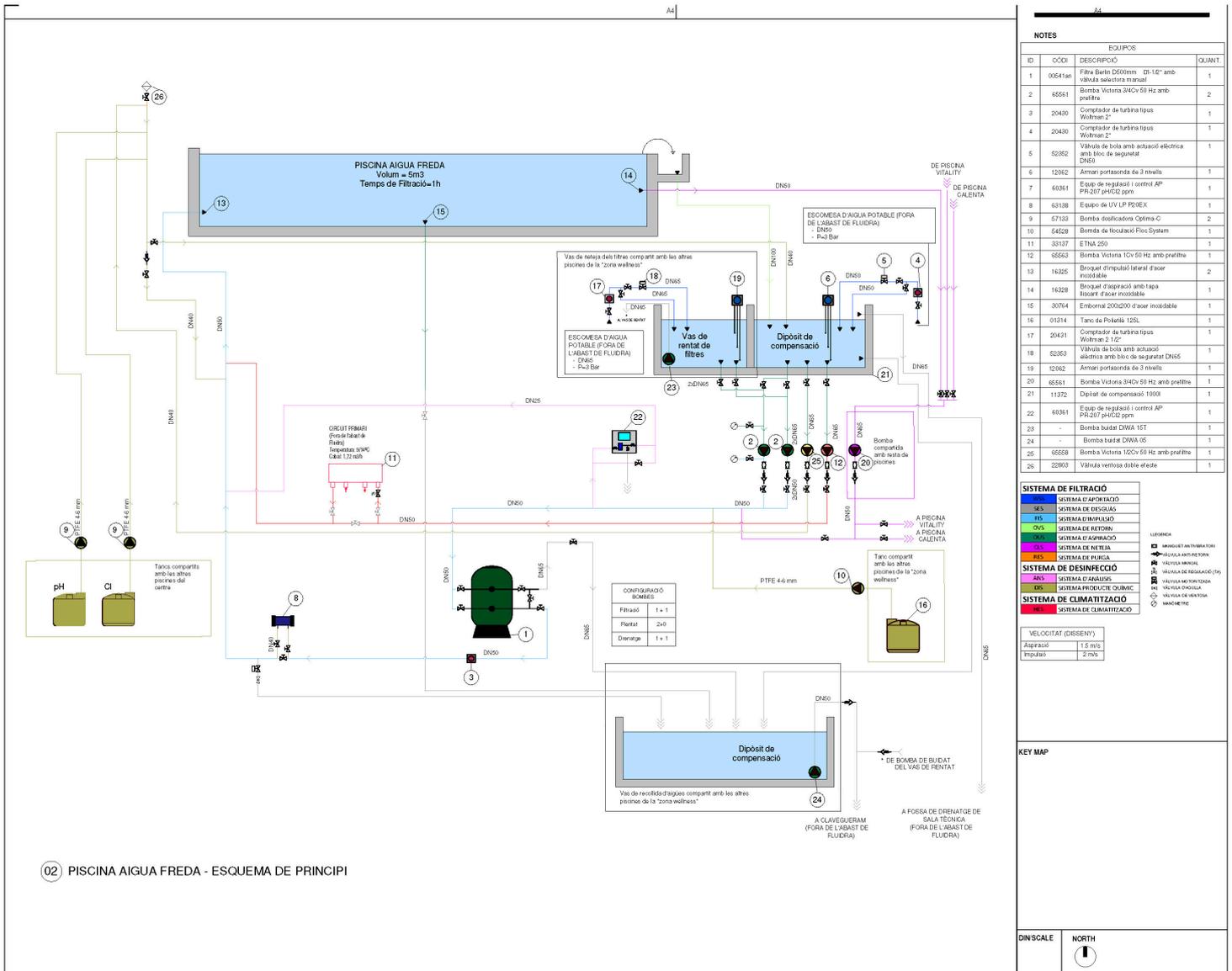
Sample designs and drawings for 2D & 3D WELLNESS

Validity Pool. Installation Schematic Diagram



Sample designs and drawings for 2D & 3D WELLNESS

Cold Plunge Pool. Installation Schematic Diagram



NOTES

EQUIPOS			
ID	CODI	DESCRIPCIÓ	QUANTIT
1	0054146	Filtra Berlin D500mm ØI-12" amb vàlvula selectora manual	1
2	65561	Bomba Victoria 34Cv 60 Hz amb perfiltra	2
3	20430	Comptador de turbina tipus Wihman 2"	1
4	20430	Comptador de turbina tipus Wihman 2"	1
5	62382	Vàlvula de bola amb actuació elèctrica amb bloc de regulació DN50	1
6	12062	Armeri portanoda de 3 nivells	1
7	60361	Equip de regulació i control AP PR-207 pH/Cl2 ppm	1
8	63138	Equip de UV LP POUX	1
9	67133	Bomba dosificadora Optima C	2
10	64529	Bomba de floculació Flo System	1
11	33137	ETNA 250	1
12	65563	Bomba Victoria 1Cv 60 Hz amb perfiltra	1
13	16205	Broquet d'impulsió lateral d'acer inoxidable	2
14	16209	Broquet d'aspiració amb tapa lliscant d'acer inoxidable	1
15	30704	Embornat 200x200 d'acer inoxidable	1
16	01814	Tanc de Polietilè 125L	1
17	20431	Comptador de turbina tipus Wihman 2 1/2"	1
18	62383	Vàlvula de bola amb actuació elèctrica amb bloc de regulació DN65	1
19	12062	Armeri portanoda de 3 nivells	1
20	65561	Bomba Victoria 34Cv 60 Hz amb perfiltra	1
21	11372	Dipòsit de compensació 1000L	1
22	60361	Equip de regulació i control AP PR-207 pH/Cl2 ppm	1
23	-	Bomba buidor DWVA 15T	1
24	-	Bomba buidor DWVA 95	1
25	65568	Bomba Victoria 12CV 60 Hz amb perfiltra	1
26	22303	Vàlvula ventosa doble efecte	1

SISTEMA DE FILTRACIÓ

- WPS - SISTEMA D'AFORTALÇAMENT
- SAS - SISTEMA DE DESOLUCIÓ
- FS - SISTEMA DE FLOCULACIÓ
- OV - SISTEMA DE RETORN
- OW - SISTEMA D'ACOBIMENT
- OS - SISTEMA DE NETEJA
- RS - SISTEMA DE PURIFICACIÓ

SISTEMA DE DESINFECCIÓ

- AN - SISTEMA D'ANÀLISIS
- PS - SISTEMA PRODUCCIÓ D'OLIGOMER

SISTEMA DE CLIMATITZACIÓ

- MS - SISTEMA DE CLIMATITZACIÓ

VELOCITAT (DISSERT)

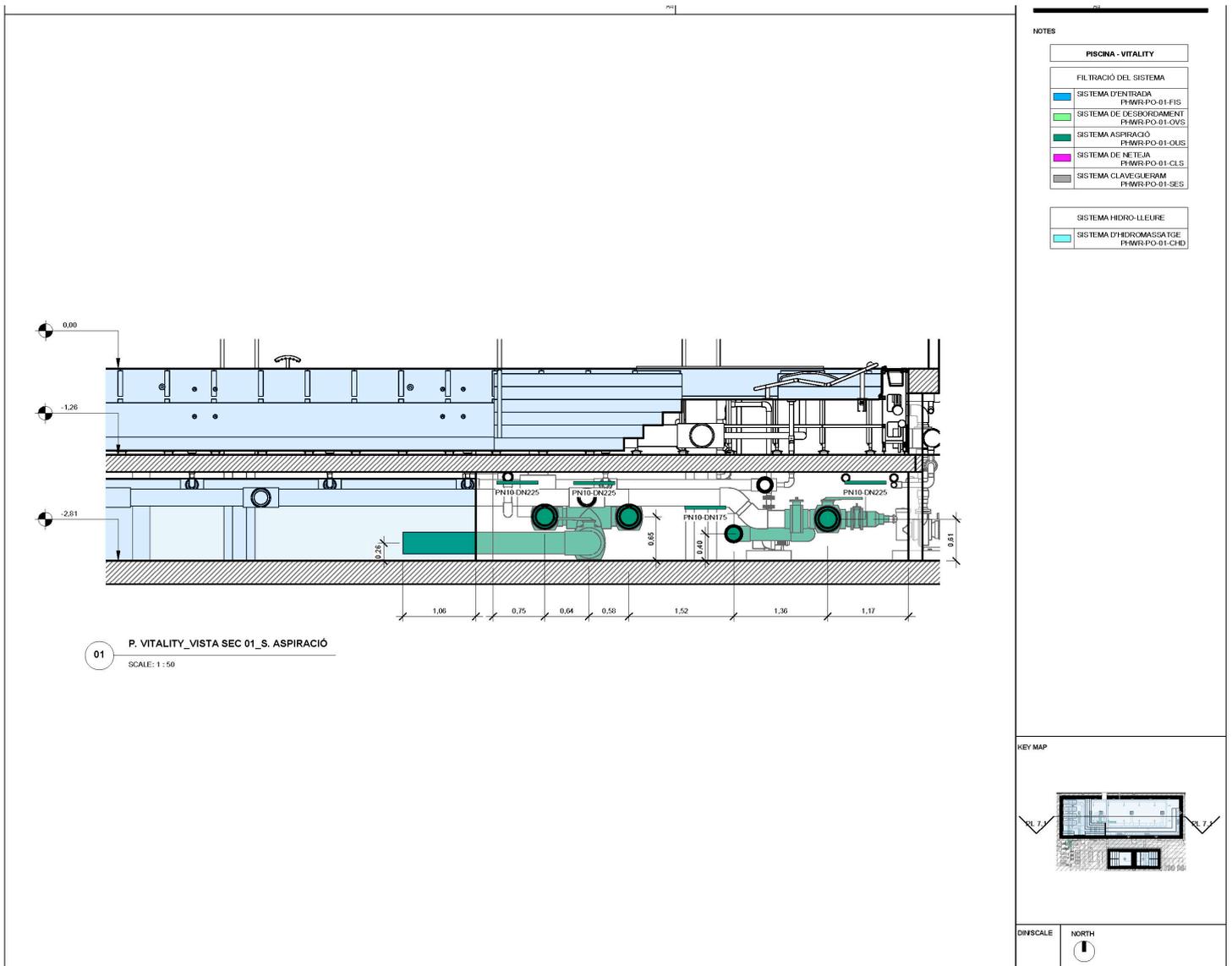
- Aspiració: 1.5 m/s
- Filtració: 2 m/s

KEY MAP

DINSCALE **NORTH**

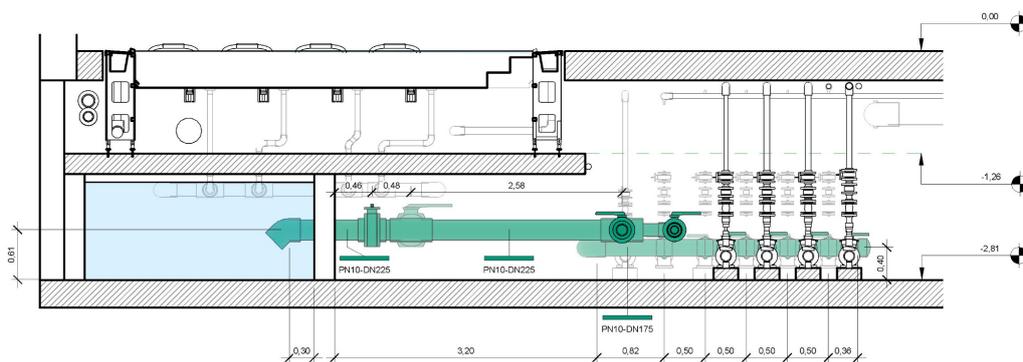
Sample designs and drawings for 2D & 3D
WELLNESS

Vitality Pool. Aspiration Section View



Sample designs and drawings for 2D & 3D
WELLNESS

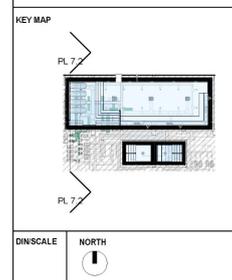
Vitality Pool. Aspiration Section View 2



02 P. VITALITY_VISTA SEC 02_S. ASPIRACIÓ
SCALE: 1:50

NOTES

PISCINA - VITALITY	
FILTRACIÓ DEL SISTEMA	
■	SISTEMA D'ENTRADA PHWR-PO-01-FIS
■	SISTEMA DE DESSOBORDAMENT PHWR-PO-01-OVS
■	SISTEMA ASPIRACIÓ PHWR-PO-01-OUS
■	SISTEMA DE NETEJA PHWR-PO-01-CLS
■	SISTEMA CLAVEGUERAM PHWR-PO-01-SES
SISTEMA HIDRO-LLEURE	
■	SISTEMA D'HIDROMASSATGE PHWR-PO-01-CHD



8. CVS FOR KEY PERSONS FROM THE DESIGN TEAM



Roger Bosch

Technical Office

General information

Position: Engineering Manager

Studies: Civil Engineer

Years of Experience: 8

Experience in Project Design

- 2021 – Wellness Club Natació Barceloneta – MEP design / Pools & Wellness, Spain.
- 2021 – Fonte Algarve – MEP design / Fountain, Portugal.
- 2021 – The Reserve – MEP design / Pools & Wellness, Gibraltar.
- 2021 - La Muntanyeta - MEP design / Lagoons, Spain.
- 2021 – Commonwealth Games 2022 Olympic Swimming pool – MEP design /Pools, Birmingham, UK
- 2021 – Piscina Competición Marbella – MEP detailed design, Spain
- 2021 – Mivida Lagoon – MEP detailed design, Egypt
- 2020 – Universidad del Norte – MEP design / Pools, Colombia.
- 2020 - Cottonera Aquatic Center – MEP schematic design Olympic Swimming Pool, Malta
- 2020 - Gozo Aquatic Center - MEP detailed design Olympic Swimming Pool, Malta
- 2020 – Savski - MEP detailed design / Fountains, Serbia.
- 2020 - Glala Lo Lagoon - MEP detailed design, Egypt.
- 2020 - Hotel Durres Swimming Pools - MEP design, Pools, Albania
- 2020 – Hotel Sotogrande - MEP design / Pools, Spain.

Gerard Lladós

Technical Office

General information

Position: Architecture Manager

Studies: Building Engineer Degree, BIM Management Master, Quantity Surveying Bachelor

Years of Experience: 11

Experience in Project Design

- 2022 – North Coast Lagoons C2 – Architectural design and management / Lagoons, Egypt.
- 2022 – North Coast Lagoons C1 – Architectural design and management / Lagoons, Egypt. - 2022 – Panamerican Games Chile – Architecture design and management / Olympic Pool, Chile.
- 2022 – Vilanova del Vallès swimming pool – Architectural design and management / Pools, Spain.
- 2022 – Uruguay Lagoon – Architectural design and management / Lagoons, Uruguay, South America.
- 2022 – Palacio Santa Clara Hotel Lisboa – Architectural design and management / Wellness, Portugal.
- 2022 - Paris bridge fountain – Architectural design support and management / Fountains, Andorra.
- 2022 – Palazzo Capponi Hotel Romeo – Architectural design and management / Fountains, Italia.
- 2022 – Ayacucho Olympic and semi Olympic swimming pool – Architectural design and management / Olympic Pool, Peru, South America.
- 2022 - LEN 3m and 6m High Diving Pool – Architecture design support / Olympic Pool, Italy.
- 2022 – Gozo Aquatic Center – Architecture design support and management / Olympic Swimming Pool, Malta.
- 2022 – Sils commercial pool – Architecture design support and management / Commercial Pool, Spain.



Lluís Alcàcer

Technical Office

General information

Position: Quality & Documentation Manager

Studies: Engineer Degree in Renewable Energy

Years of Experience: 17

Experience in Project Design

- 2022 – North Coast Lagoons C2 – MEP and Architecture design / Lagoons, Egypt.
- 2022 – North Coast Lagoons C1 – MEP and Architecture design / Lagoons, Egypt. - 2022 – Panamerican Games Chile – Architecture design and management / Olympic Pool, Chile.
- 2022 – Vilanova del Vallès swimming pool – MEP and Architecture design / Pools, Spain.
- 2022 – Uruguay Lagoon – MEP and Architecture design / Lagoons, Uruguay, South America.
- 2022 – Palacio Santa Clara Hotel Lisboa – Architectural design and management MEP and Architecture design / Wellness, Portugal.
- 2022 - Paris bridge fountain – MEP and Architecture design / Fountains, Andorra.
- 2022 – Palazzo Capponi Hotel Romeo – MEP and Architecture design / Fountains, Italia.
- 2022 – Ayacucho Olympic and semi Olympic swimming pool – MEP and Architecture design / Olympic Pool, Peru, South America.
- 2022 - LEN 3m and 6m High Diving Pool – MEP and Architecture design / Olympic Pool, Italy.
- 2022 – Gozo Aquatic Center – MEP and Architecture design / Olympic Swimming Pool, Malta.
- 2022 – Sils commercial pool – MEP and Architecture design / Commercial Pool, Spain.



Jorge Roldan Technical Office

General information

Position: Choreography and infographics design

Studies: Industrial Mechanics. 3D animation degree. Advanced audiovisual content creator.

Years of Experience: 22

Experience in Project Design

- 2022 - Paris bridge fountain – Choreography and Design / Fountains, Andorra.
- 2022 – Palazzo Capponi Hotel Romeo – Choreography and Design / Fountains, Italia.
- 2021 – Fonte Algarve – Choreography and Design / Fountain, Portugal.
- 2021 – Mivida Lagoon – Choreography and Design, Egypt
- 2020 – Savski - Choreography and Design / Fountains, Serbia.
- 2020 - Glala Lo Lagoon - Choreography and Design, Egypt.
- 2018 - Great Exhibition of the North Choreography and Design / Fountains, UK.
- 2018 - Palermo Fountain Choreography and Design / Fountains, Italy.
- 2018 - Boscolo Hotel Choreography and Design / Fountains, Italy.
- 2018 - Viggiano Fountain Choreography and Design / Fountains, Italy.
- 2018 - Olot Fountain Choreography and Design / Fountains, Spain.
- 2018 - Ikea Rusia Fountain and Lagoons Choreography and Design / Fountains, Russia.
- 2018 - Parets Fountain Choreography and Design / Fountains, Spain.
- 2017 - Font Viladecans Choreography and Design / Fountains, Spain.
- 2017 - Polezhavskaya Fountain Choreography and Design / Fountains, Russia.
- 2017 - San Luis Fountain Choreography and Design / Fountains, Argentina.

CRISTIAN MARTÍNEZ Technical Office

General information

Position: BIM MODELLER

Studies: BSE in Public Works Engineering; MSc. in BIM Management & GIS in Civil Engineering

Years of Experience: 4 years

Experience in Project Design

.....

- 2020 – Mi Vida Fountain – MEP RFA's design & BIM Support/Management / Fountain, Egypt.
- 2020 – Cal Teixidó, Residential Pool – MEP RFA's design & BIM Support/Management / Pools, Spain.
- 2020 - Tabori Golf - Lakes - MEP RFA's design & BIM Support/Management / Pools, Georgia.
- 2020 - Tabori Golf - Lakes - MEP RFA's design & BIM Support/Management / Pools, Georgia.
- 2020 - RACE - MEP RFA's design & BIM Support/Management / Pools, Spain.
- 2020 – Hotel Sotogrande - MEP RFA's design & BIM Support/Management / Pools, Spain.
- 2020 – Savski -MEP RFA's design & BIM Support/Management / Fountains, Serbia.
- 2020 – Granollers Swimming Pool – MEP RFA's design & BIM Support/Management / Pools, Spain.
- 2020 – Marina Club – MEP RFA's design & BIM Support/Management / Commercial Pool, Gibraltar.
- 2021 – Galala Egypt Fountain – MEP RFA's design - BIM Support/Management - VR model / Fountain, Egypt.
- 2021 – Wellness Hotel Lisboa – MEP RFA's design & BIM Support/Management / Wellness & SPA, Portugal.
- 2021 – The Reserve – MEP RFA's design & BIM Support/Management / Pools & Wellness, Gibraltar
- 2021 – Pont Paris Andorra Fountain – MEP RFA's design & BIM Support/Management / Fountain, Andorra.
- 2021 – Gozo Aquatic Center – MEP RFA's design & BIM Support/Management / Olympic Swimming Pool, Malta.
- 2021 – Commonwealth Championships – MEP RFA's design & BIM Support/Management / Olympic Swimming Pool, Great Britain.

MARC LARUMBE GONFAUS

Technical Office

General information

Position: Engineer

Studies: Chemical Engineering and Master in Chemical Engineering

Years of Experience: 3

Experience in Project Design

.....

- 2022 – Fuente Puente París – MEP CFD Analysis / Fountain, Andorra.
- 2022 – Wellness Club Natació Atlètic-Barceloneta – MEP CFD Analysis / Wellness, Spain.
- 2021 – Cripta Fluidra – MEP CFD Analysis / Others, Spain.
- 2021 – Wellness Hotel Lisboa – MEP schematic design / Wellness, Portugal.
- 2021 – Gozzo Aquatic Centre – MEP CFD Analysis / Pools, Malta .
- 2021 – Vilanova – MEP schematic design / Pools, Spain.
- 2021 – Sr. Ballart – MEP schematic and detailed design / Pools, Spain.
- 2020 – Lazy River Greece – MEP CFD Analysis / Aquatic Park, Greece.
- 2020 – Lalit Grover Waterfall – MEP CFD Analysis / Waterfall, USA.
- 2020 – Marina Club – MEP schematic and detailed design / Pools, United Kingdom.
- 2020 – Tabori Golf Hotel Swimming Pools – MEP schematic and detailed design / Pools, Georgia.
- 2020 – Universidad del Norte – MEP schematic and detailed design / Pools, Colombia.
- 2020 – Cottonera Aquatic Center – MEP schematic and detailed design / Pools, Malta.
- 2020 – Green Cape Hotel Swimming Pools – MEP schematic and detailed design / Pools, Georgia.
- 2020 – Hotel Sotogrande – MEP Schematic design / Pools, Spain.





Fluidra S.A.
 Alcalde Barnils, 69
 08174, Sant Cugat del Vallès, Barcelona
 T. +34 93 724 39 00
www.fluidra.com

Paula Haro
 Technical Office

General information

Position: Drafter – Documentation & Quality Department

Studies: Superior Grade in Civil Works Projects.

Years of Experience: 2

Experience in Project Design

- 2022 – Romeo – Architecture & MEP Documentation / Fountains, Italy.
- 2022 – North Coast Lagoons C2 – Architecture & MEP Documentation / Lagoons, Egypt.
- 2022 – North Coast Lagoons C1 – Architecture & MEP Documentation / Lagoons, Egypt.
- 2022 - Panamerican Games Chile – Architecture design and management / Olympic Pool, Chile.
- 2022 – París Olympic Water Games 2024 – Architecture & MEP Documentation / OlympicPool, France.
- 2022 – Ayacucho – Architecture Documentation / Olympic Pool, Peru.
- 2022 – Piscina Ajuntament de Vilanova del Vallès – Architecture & MEP Documentation /Commercial Pool, Spain.
- 2022 – Commonwealth Games 2022 – MEP Documentation / Olympic Pool, United Kingdom.
- 2022 – LEN 6m High Diving Pool – Architecture & MEP Documentation / Olympic Pool, Italy.
- 2022 – LEN 3m Olympic Pool – Architecture & MEP Documentation / Olympic Pool, Italy.
- 2022 – Piscina Sils – Architecture & MEP Documentation / Commercial Pool, Spain.
- 2022 – Panamerican Games Chile – Architecture & MEP Documentation / Olympic Pool,Chile.



Mireia Acacio

Technical Office

General information

Position: Architect

Studies: Architecture degree, Habilitating master in architecture, BIM Manager
 Official Autodesk Master candidate.

Years of Experience: 1

Experience in Project Design

- 2023 – Zoya Lagoon – Architectural design and management / Lagoons, Egypt.
- 2023 – CAR México – Architectural design and management / Olympic Pool, México.
- 2022 – North Coast Lagoons C2 – Architectural design and management / Lagoons, Egypt.
- 2022 – North Coast Lagoons C1 – Architectural design and management / Lagoons, Egypt.
- 2022 – Panamerican Games Chile – Architecture design and management / Olympic Pool, Chile.
- 2022 – Vilanova del Vallès swimming pool – Architectural design and management / Pools, Spain.
- 2022 – Uruguay Lagoon – Architectural design and management / Lagoons, Uruguay, South America.
- 2022 – Palacio Santa Clara Hotel Lisboa – Architectural design and management / Wellness, Portugal.
- 2022 - Paris bridge fountain – Architectural design support and management/ Fountains, Andorra.
- 2022 – Palazzo Capponi Hotel Romeo – Architectural design and management / Fountains, Italia.
- 2022 – Ayacucho Olympic and semi Olympic swimming pool – Architectural design and management / Olympic Pool, Peru, South America.
- 2022 - LEN 3m and 6m High Diving Pool – Architecture design support / Olympic Pool, Italy.
- 2022 – Gozo Aquatic Center – Architecture design support and management / Olympic Swimming Pool, Malta.
- 2022 – Sils commercial pool – Architecture design support and management / Commercial Pool, Spain.

Raquel Almoño

Technical Office

General information

Position: Concept Designer

Studies: Architecture Degree, BIM Official Autodesk Master, Graphic Design and Digital Environments Master

Years of Experience: 1

Experience in Project Design

- 2023 – Saturnia – Concept design / Fountain, Italy.
- 2022 – Crescent Development Project – Concept design / Fountain, Azerbaijan.
- 2022 – North Coast – Concept design / Lagoon, Egypt
- 2022 – La Brutau – Concept design / Commercial pool, Spain.
- 2022 – CNS – Concept design / Wellness, Spain.
- 2022 – Vrdnik – Concept design / Fountain, Serbia.
- 2022 – Red Bull – Concept design / Olympic pool, xxx.
- 2022 – Bình Tiên – Concept design / Aquatic Park, Vietnam.
- 2022 – Oakland – Concept design / Fountain, Guatemala.
- 2022 – Serena – Concept design / Lagoon, Dominican Republic.
- 2022 – Lampedusa – Concept design / Commercial pool, Italy.
- 2022 – Pool Nedlands – Concept design / Commercial pool, Australia.
- 2022 – Piscina Positiva – Concept design / Olympic pool, xxx.
- 2022 – Marvelli Fountain – Concept design / Fountain, Italy.
- 2022 – CRAM – Concept design / Aquarium, Spain.
- 2022 – Chiang Mai – Concept design / Wellness, Thailand.
- 2022 – Mas Olivet – Concept design / Commercial pool, Spain.



FLUIDRA

Fluidra S.A.
Alcalde Barnils, 69
08174, Sant Cugat del Vallès, Barcelona
T. +34 93 724 39 00
www.fluidra.com

Irene Pecharromán Bayón

Technical Office

General information

Position: Architect

Studies: Architecture degree and master in 3D architecture visualization

Years of Experience: 1

Experience in Project Design

.....

- 2023- Kaldera Waterpark – Architectural design and management / Waterparks, Indonesia.
- 2023- Juan Diaz CAR – Architectural design and management / Commercial pools, Panama
- 2023- Les Franqueses CAR- Architectural design and management / Commercial pools, Spain
- 2022- CRAM Aquarium – Architectural design and management / Aquariums, Spain.
- 2022 – Fiesta Americana Grand Los Cabos hotel wellness – Architectural design and management / Pools & Wellness, Mexico.
- 2020 – Paris bridge fountain –Architectural design and management / Fountains, Andorra.





FLUIDRA

THANK YOU FOR YOUR TIME!

General contact

✉ info@fluidra.com

☎ +34 937 243 900

📍 Av. Alcalde Barnils, 69, 08174 Sant Cugat del Vallés, Barcelona, Spain

