

BARR + WRAY

BARR + WRAY
PREQUALIFICATION

Client: NAGA Architects
Date : 10th July 2023



LIST OF ATTACHMENTS:
SUBCONTRACTOR / VENDOR
PREQUALIFICATION QUESTIONNAIRE

General Information

Company Trade License

Business Information

Barr + Wray Brochure

Barr + Wray Organizational Chart

Quality Standards

Quality Policy Statement

Reference Lists and Experience

B+W Relevant Project References

ISO Certification

ISO 9001: 2008 Quality Management System

ISO 14001: 2004 Environmental Management System

Previous Projects Approvals

General Information

Company Trade License

License Details

تفاصيل الرخصة

| | | | |
|----------------|-----------------|------------------|----------------|
| License Number | 452 | 452 | رقم الرخصة |
| Licensee | Barr + Wray FZE | بار + وراي م م ح | صاحب الرخصة |
| Trade Name | Barr + Wray FZE | بار + وراي م م ح | الاسم التجاري |
| Issue Date | 22-Feb-2011 | 22-Feb-2011 | تاريخ الإصدار |
| Expiry Date | 21-Feb-2024 | 21-Feb-2024 | تاريخ الانتهاء |

Company Manager

مدير الشركة

| | | | |
|-----------------|--------------|--------------|-----------------|
| Name of Manager | Derek Barton | ديريك بارتون | إسم مدير الشركة |
|-----------------|--------------|--------------|-----------------|

Address

العنوان

| | | | |
|---------------|-------------------------|-------------------------|-------------|
| Premises No | DSOA-Le Solarium-4-403 | DSOA-Le Solarium-4-403 | رقم المقر |
| Building Name | Plot-13-001-Le Solarium | Plot-13-001-Le Solarium | إسم المبنى |
| Area Name | Dubai Silicon Oasis | واحة دبي للسيليكون | إسم المنطقة |
| Premises No | DSOA-Le Solarium-4-402 | DSOA-Le Solarium-4-402 | رقم المقر |
| Building Name | Plot-13-001-Le Solarium | Plot-13-001-Le Solarium | إسم المبنى |
| Area Name | Dubai Silicon Oasis | واحة دبي للسيليكون | إسم المنطقة |
| Premises No | DSOA-Le Solarium-4-401 | DSOA-Le Solarium-4-401 | رقم المقر |
| Building Name | Plot-13-001-Le Solarium | Plot-13-001-Le Solarium | إسم المبنى |
| Area Name | Dubai Silicon Oasis | واحة دبي للسيليكون | إسم المنطقة |



006-0000452-241115

صالحة لوائح السيليكون وتخضع لشروط عقد الإيجار وقوانين سلطة دبي للمناطق الاقتصادية المتكاملة

Valid for Dubai Silicon Oasis and subject to the term of the Lease Agreement, Laws, Regulations & Notices of Dubai Integrated Economic Zones Authority (DIEZA)

وثيقة إلكترونية معتمدة صادرة بواسطة سلطة دبي للمناطق الاقتصادية المتكاملة بدون توقيع

Approved electronic document issued without signature by Dubai Integrated Economic Zones Authority(DIEZA)

| | | | |
|---------------|---------------------------------|---------------------------------|-------------|
| Premises No | DSO-OPERATIONS CENTRE-G-AG-01-9 | DSO-OPERATIONS CENTRE-G-AG-01-9 | رقم المقر |
| Building Name | OPC | OPC | إسم المبنى |
| Area Name | Dubai Silicon Oasis | واحة دبي للسيليكون | إسم المنطقة |

Activities

الأنشطة

Swimming Pools Trading

تجارة أحواض السباحة

Notes :

ملاحظات:



006-0000452-241115

صالحة لواجه السيليكون وتخضع لشروط عقد الإيجار وقوانين سلطة دبي للمناطق الاقتصادية المتكاملة

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Business Information

3.1 Barr and Wray brochure



BARR + WRAY
SPA DESIGN CAPABILITY



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01 :: About Us



B+W

With over 60 years experience, is recognised as a world leading provider of spa design and engineering.

As designers + engineers we provide a fully coordinated and integrated spa interior design solution.

The combination of our experience and expertise combined with the creative flair of our design team has resulted in the company being acknowledged as highly innovative and successful in a truly competitive market. In addition to our design capability, we have a reputation for providing design and build solutions on time and on budget, thus providing our customers with high levels of confidence and peace of mind that are essential in the spa industry.

We are a truly global company having completed projects in in all continents working with hotel groups such as Starwood, Jumeirah, Fairmont, Marriott, Four Seasons, Ritz Carlton, Hyatt, Mandarin Oriental and Shangri-La.

B+W makes sure that every project is carried out to the highest possible standard. From feasibility study to design, from installation to a lifetime of aftersales care, we do it all.

Services

We offer a full design service + product provision covering:

SPA INTERIOR DESIGN

A complete package of interior design consultancy services from concept to construction documentation and site supervision.

SPA DESIGN CONSULTANCY

Concept layout planning showing flow and adjacencies and review of incumbent interior designers package.

ENGINEERING DESIGN

A complete package of engineering design consultancy services from concept to construction documentation and site supervision.

EQUIPMENT SUPPLY, INSTALLATION + COMMISSIONING

Complete portfolio of bespoke spa hydrothermal equipment which we can install and commission through our highly experienced and trained engineers.

AFTERSALES

We can support you throughout the lifetime of the equipment.



02 :: People



Alister MacDonald
CHAIRMAN
B+W Global



Ian Montgomerie
CEO
B+W Global



Derek Barton
MANAGING DIRECTOR
Hong Kong + Dubai Office



Lorne Kennedy
OPERATIONS DIRECTOR
UK Office



Cholpon Ermamatova
BD- MANAGER
Dubai Office



Jim McDonald
PROJECTS DIRECTOR
Dubai Office



Graeme Banks
DESIGN DIRECTOR
Dubai Office



John Inglis
PROJECTS DIRECTOR
Hong Kong Office



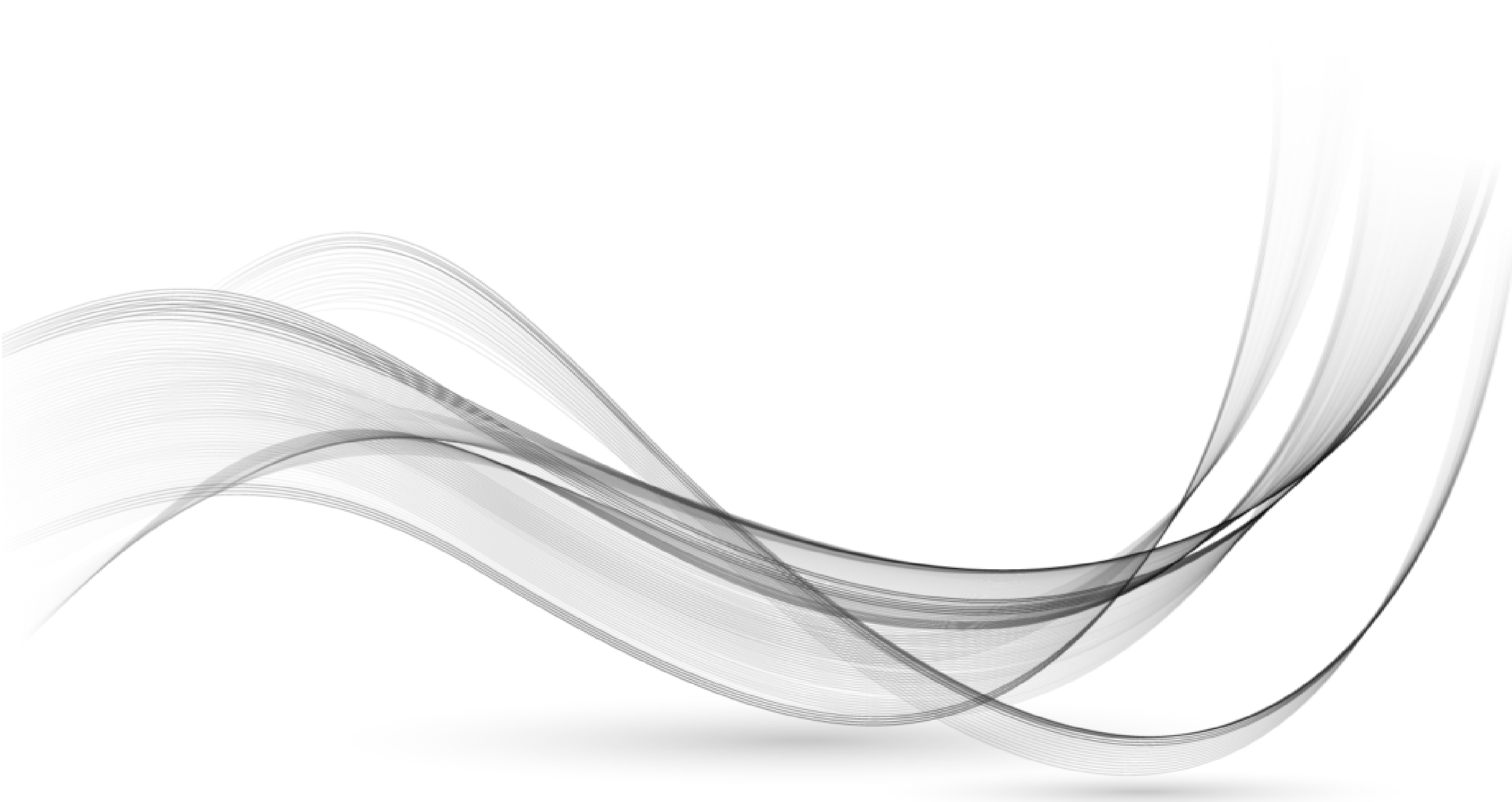
Chris Lyon
PROJECTS MANAGER
UK Office



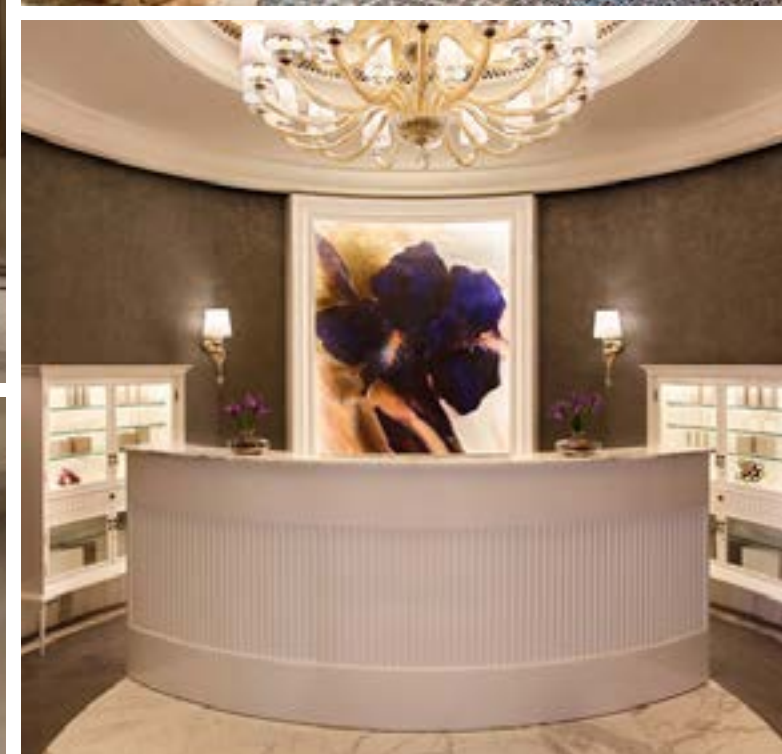
Cheryl Hanna
SALES MANAGER
UK Office



Robert Witos
SALES MANAGER
Hong Kong Office



03 :: Case Studies

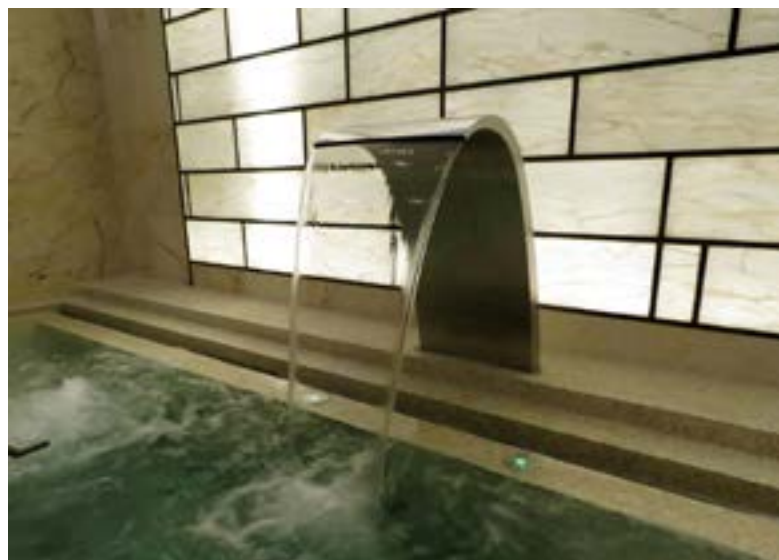
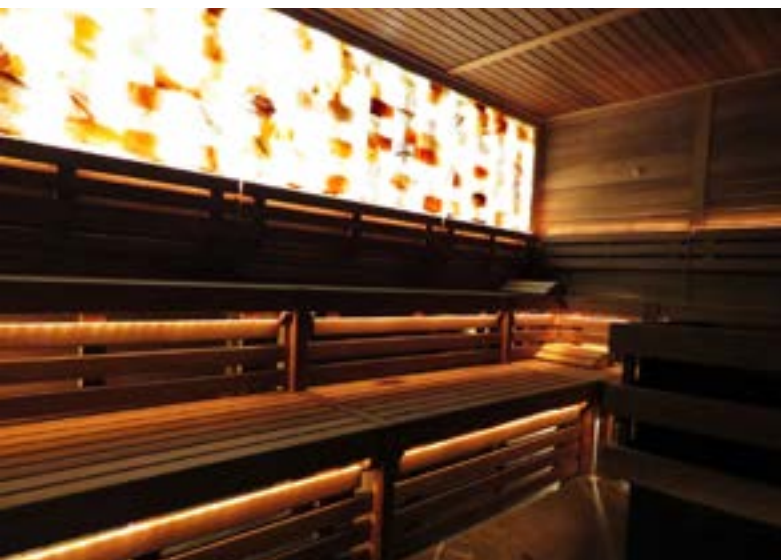


:: ST REGIS, DUBAI

The St. Regis Dubai is part of an exclusive integrated resort that comprises residential towers and a Las Vegas-style theatre. Inspired by Beaux-Arts architecture from New York's Gilded Age, the hotel's interior boasts such elements as a grand staircase, carefully selected artwork, and a musical fountain. Indulgent spa treatments, sumptuous cuisines, and memorable meetings await. The hotel's 234 world-class accommodations comprise 182 guest rooms and 51 signature suites, including a designer suite and its signature Royal Suite.

SPA + Wellness Facilities:

- 6 Treatment Suites
- Gymnasium
- Male + Female 'Iridium' Relaxation Rooms
- Male + Female Hammam Scrub Rooms
- Male + Female Vitality Pools
- Male + Female Saunas
- Male + Female Steam Rooms
- Male + Female Experience Showers
- Heated Benches
- Treatment Suite Bathtubs
- Male Salon
- Female Salon



:: MGM COTAI, MACAU

The \$3.4 billion development includes a 1,600 bed hotel, a casino with 1,500 slot machines and 175 gaming tables, with nongaming facilities at an unprecedented scale of 85% of the gross floor area including restaurants, retail and entertainment venues, and of course spa.

As part of the extensive spa experience, B+W provided male, female and VIP feature pools. Along with an array of thermal experiences such as; salt stone saunas, herbal steam rooms, infra-red rooms and various feature showers and specialist 'Spa Heaven' facilities incorporated within the treatment rooms.

SPA + Wellness Facilities:

- 11 Treatment Rooms
- Fitness Centre
- Male, Female + VIP Vitality Pools
- Relaxation
- Salt Saunas
- Herbal Steam Rooms
- Experience Showers



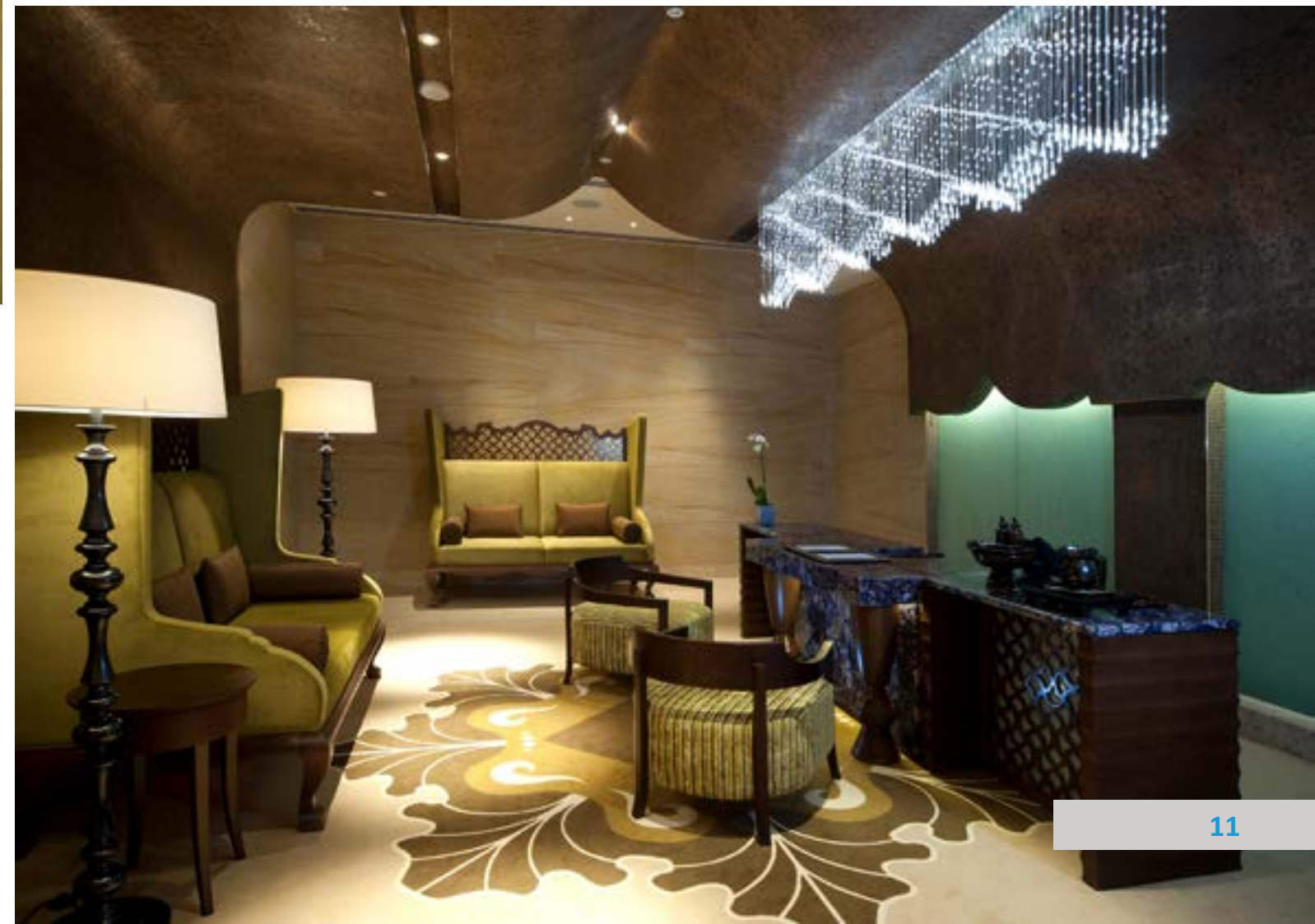


:: CARDEN PARK HOTEL & SPA, CHESHIRE

Situated in the heart of the Cheshire countryside this standalone spa building and gardens will be a fantastic edition to the current Carden Park Hotel offering unrivalled spa facilities.

SPA + Wellness Facilities:

- 14 Treatment Rooms
- Mani/ Pedi Bar
- Panoramic Relaxation Room
- Deep Relaxation Room
- Sensory Relaxation Room
- Spa Garden
- Indoor Vitality Pool
- Outdoor Vitality Pool
- 3 Outdoor Hot Tubs
- Finnish Sauna
- Bio Sauna
- Outdoor Sauna
- Salt Steam Room
- Aromotherapy Steam Room
- Tepidarium
- Heated Loungers
- Ice Fountain
- Experience Showers



:: EASTERN MANGROVES, ABU DHABI

Majestically set on the waterfront, Eastern Mangroves Hotel & Spa by Anantara is a natural haven on the cusp of urban life. Forming part of an integrated hotel, marina, retail and residential destination, its unique location offers guests an exceptional Abu Dhabi experience. The exotic beauty of the region's mangroves provides the perfect backdrop for the cultural traditions embodied in the hotel's architecture

SPA + Wellness Facilities:

- 6 Treatment Suites
- 3 Couples Treatment Suites
- 4 Wet Treatment Rooms
- Gymnasium
- Private Female Gymnasium
- Large Hammam
- Hammam Scrub Rooms
- Male + Female Experience Showers
- Sauna
- Male + Female Steam Rooms
- Steam Showers
- Male + Female Relaxation
- Treatment Suite Bathtubs
- Female Salon



:: LANESBOROUGH SPA, LONDON

The Lanesborough Club & Spa is one of London's most exclusive private member fitness and health clubs. The spa's core principals of being bespoke, intuitive, discreet and intimate are perfectly embodied in the Lanesborough's brand partnerships.

SPA + Wellness Facilities:

- 4 Treatment Rooms
- 1 Couples Treatment Room
- Hydrotherapy Pool
- Rasul
- Male + Female Experience Showers
- Male + Female Steam Rooms
- Male + Female Sauna



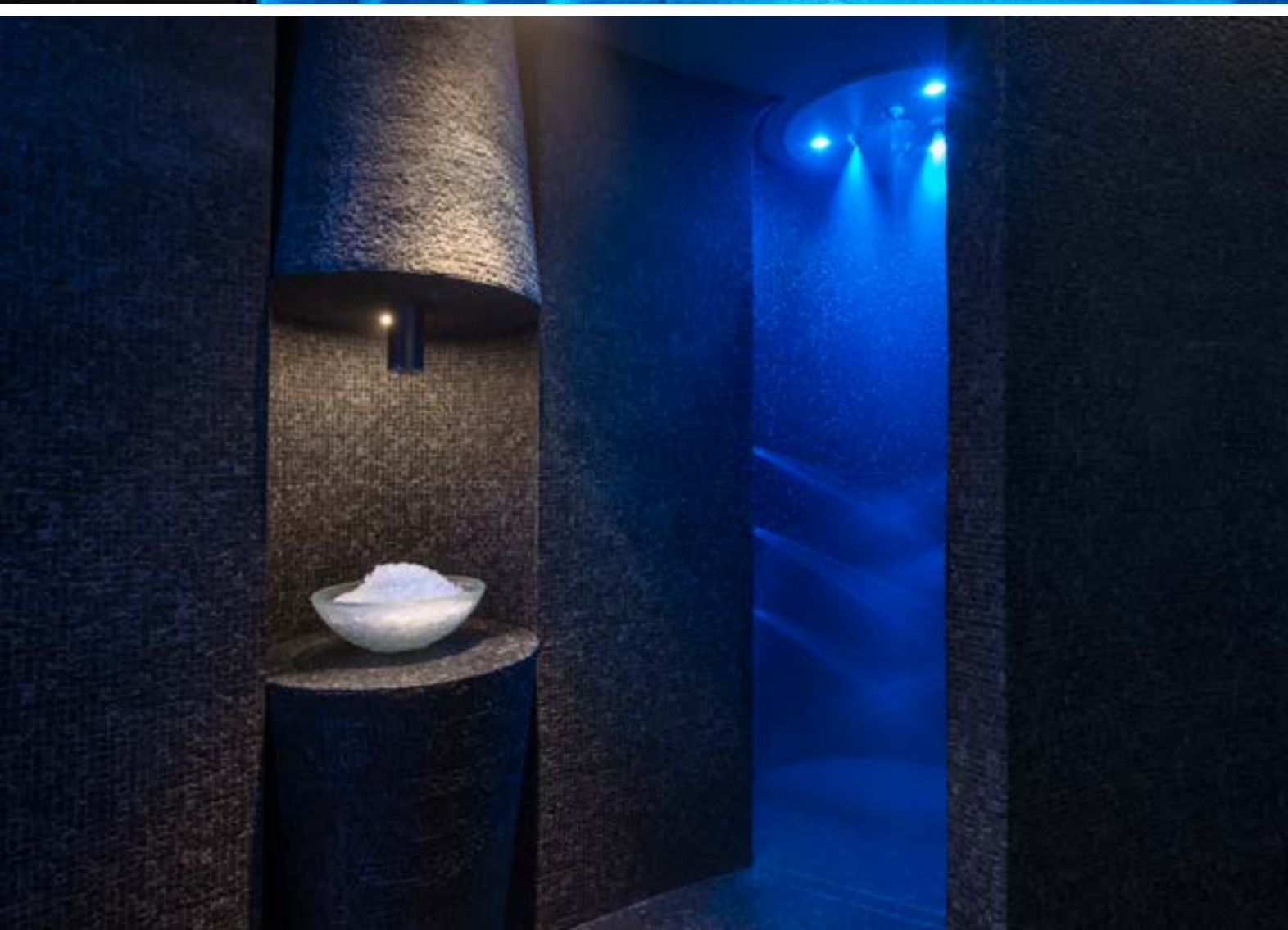
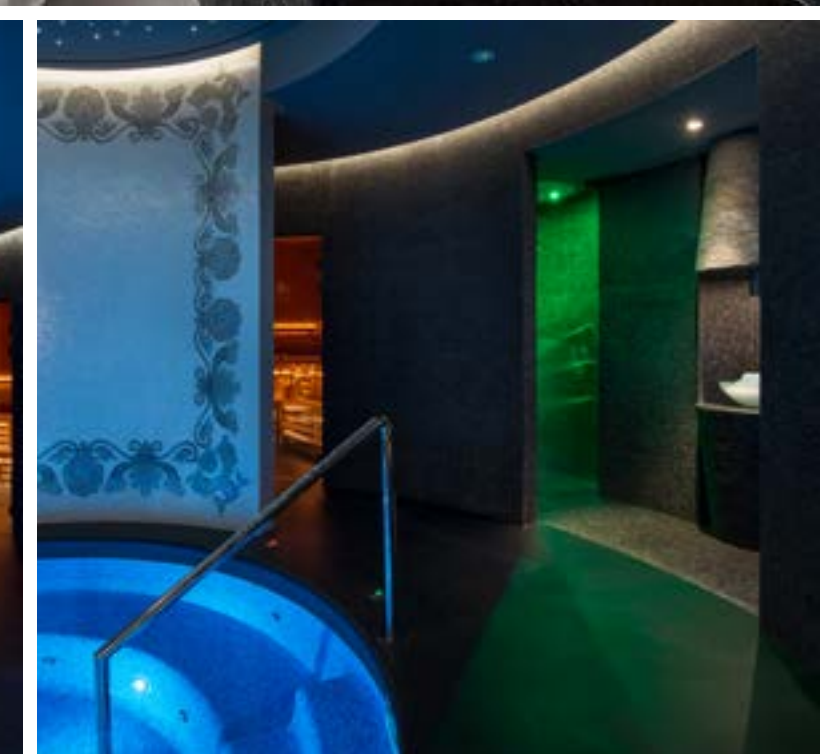
:: RESORTS WORLD SENTOSA, SINGAPORE

ESPA at Resorts World Sentosa is an oasis among a bustling and lively environment, focused on ‘bringing the outdoors in’ through landscaped outdoor journeys and views of lush, tropical forestry; combined with beautifully designed private and social spaces inside the spa, making this world-class spa the perfect destination to get away and unwind.

SPA + Wellness Facilities:

- 24 Treatment Rooms
- Finishing Studio
- Zen Studio
- Gymnasium
- Sleep Zone
- Social Relaxation
- Saunas
- Crystal Steam Rooms
- Ice Fountains
- Hammam
- Vitality Pools & Onsen Pools
- Experience Showers



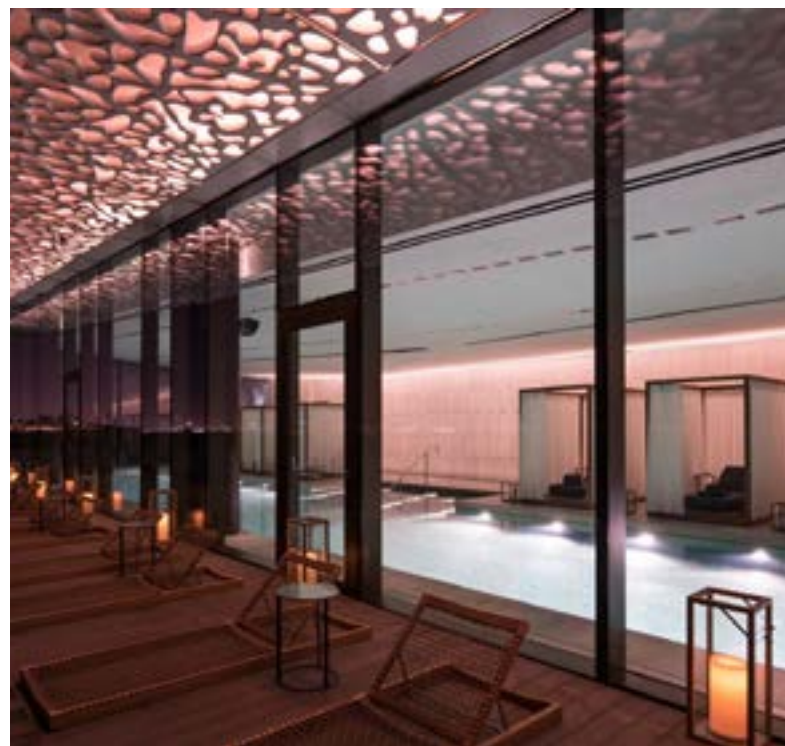


:: PALAZZO VERSACE, DUBAI

Palazzo Versace Dubai is a luxury hotel and resort located on the foreshore of the Dubai Creek. The 214 suites and the 169 exclusive condominiums, together with several signature restaurants and a luxury spa are brought together to create the Palazzo Versace Dubai – a truly unique lifestyle location

SPA + Wellness Facilities:

- 7 Treatment Rooms
- 1 Couples Suite
- 2 Hammam rooms
- Male + Female Vitality Pools
- Male + Female Experience Showers
- Male + Female Steam Rooms
- Male + Female Saunas
- Male + Female Ice Fountains



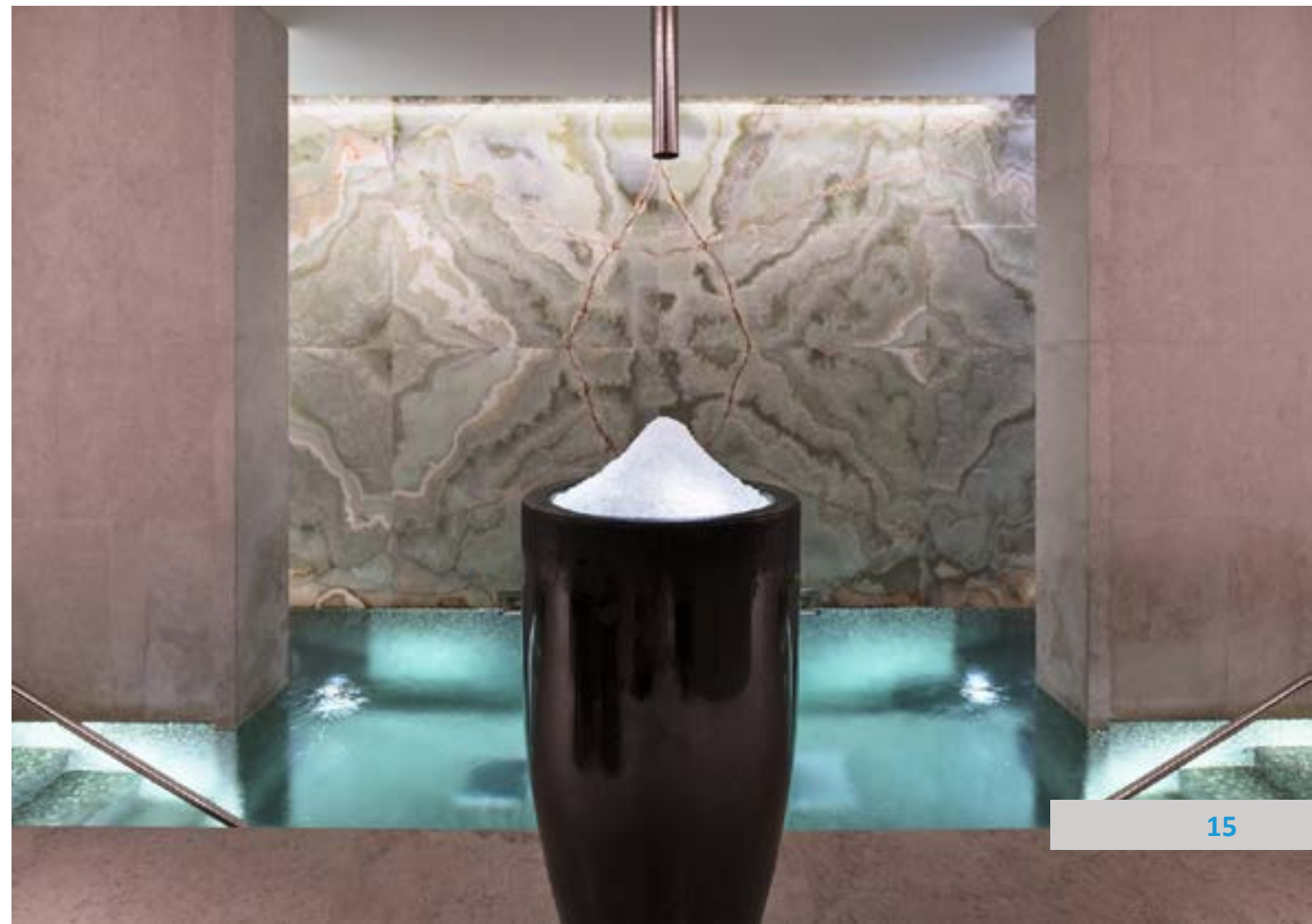
:: BVLGARI, DUBAI

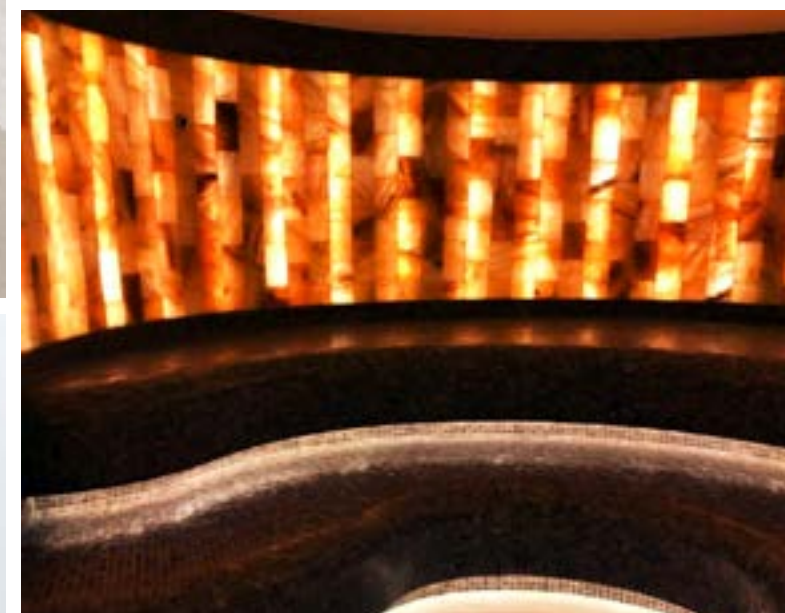
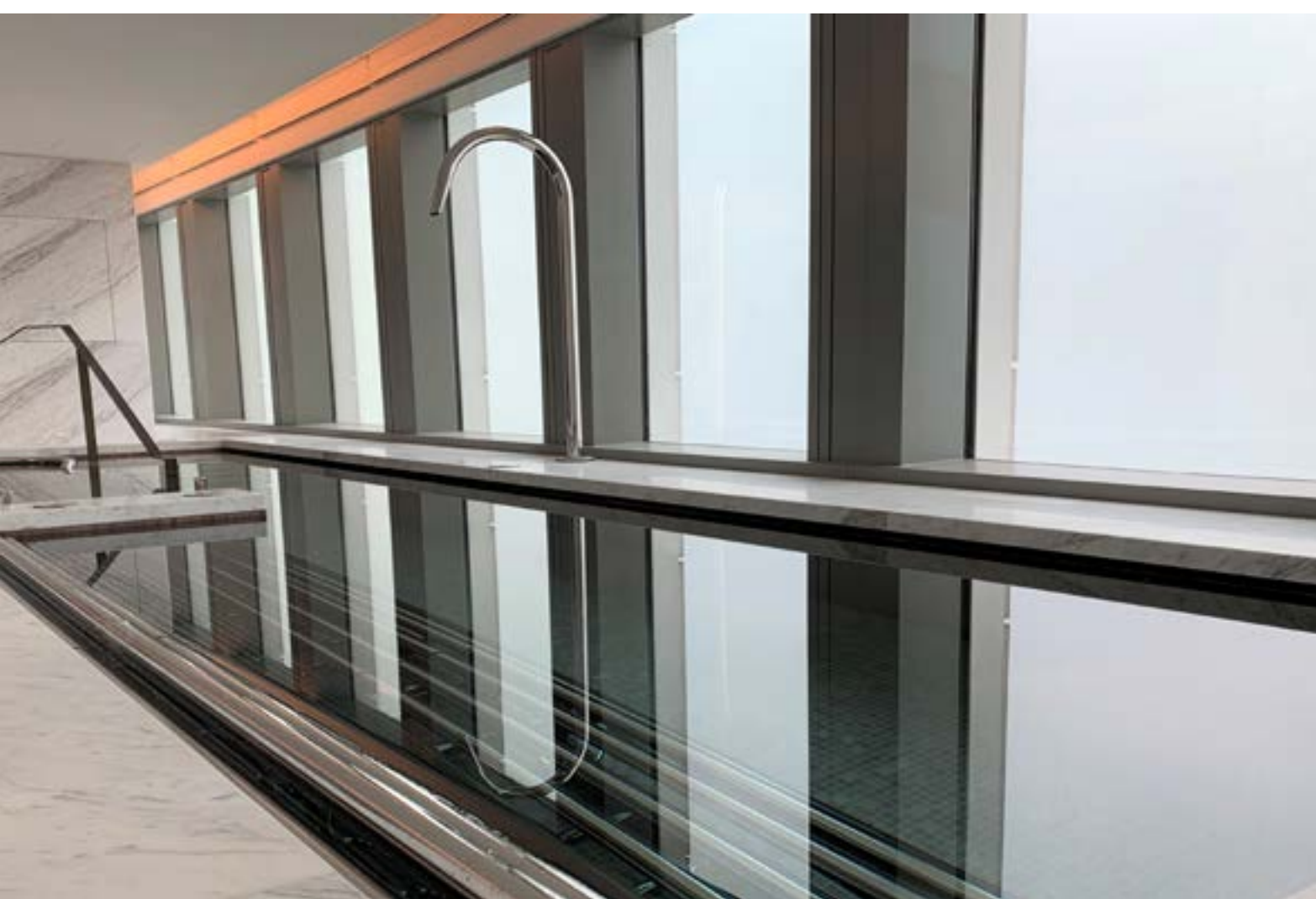
Located on the ground floor of Bvlgari Resort Dubai, the Bvlgari Spa and the Workshop co-function to provide the ultimate eudemonic wellness experience over 1,700 square-metres

B + W worked as part of the design team providing specialist engineering design and post contract supervision services for the spa hydro and thermal facilities, including all external pools throughout the resort.

SPA + Wellness Facilities:

- 7 Treatment Rooms
- 1 Couples Suite
- Hammam & Rasul
- 25m Indoor Pool
- Vitality Pool
- Male + Female Experience Showers
- Male + Female Steam Rooms
- Male + Female Saunas
- Male + Female Ice Fountains
- Male + Female Vitality Pools





:: ROSEWOOD, GUANGZHOU

The Rosewood Guangzhou occupies the top 39 floors of the 108-storey structure. It is the world's highest five-star hotel featuring the world's fastest elevators.

The environment is luxurious throughout, reflected in the design of various food and beverage facilities some incorporating outdoor spaces in the sky, with all enjoying spectacular views across the Guangdong Province. Recreational facilities are spread across two high floors, with the Asaya Spa and swimming pools located on level 94 - certainly the highest installation for B+W.

SPA + Wellness Facilities:

- 3 Treatment Suites
- Relaxation Lounge
- Fitness Centre
- Steam Rooms
- Salt Chambers
- Male, Female + VIP Vitality Pools
- Male + Female Cold Pools
- Childrens Pool



:: ONE SPA SHERATON, EDINBURGH

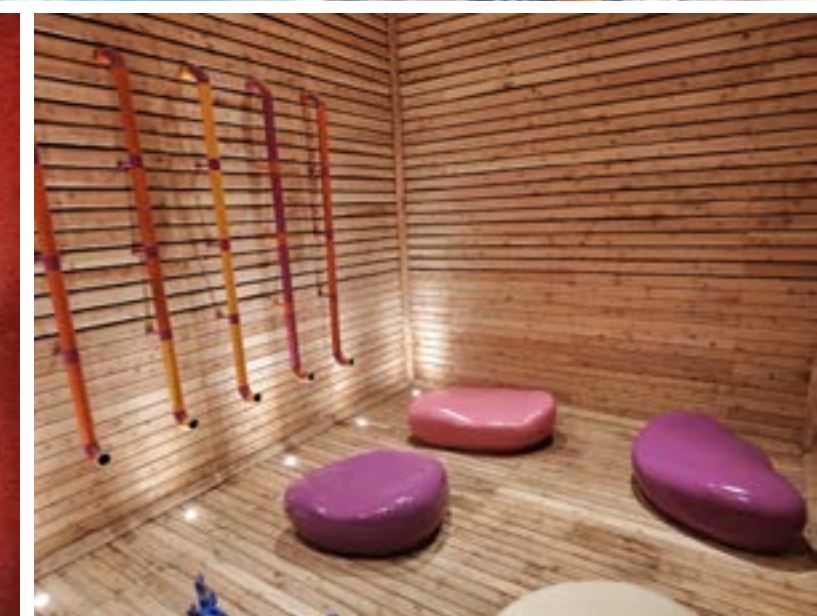
Following B+W's Interior Design and Technical Engineering Consultancy, we are thrilled to have completed the extensive refurbishment for One Spa at the luxury Sheraton Grand in Edinburgh.

The £2 million refurbishment includes a new salt inhalation room with feature colour therapy backlighting and heated benches, also a new deep relax suite with feature log fire and loungers. A hammam, ice fountain, experience showers, heated loungers and aroma steam room has also been added, creating a new and exciting thermal suite for its guests.

SPA + Wellness Facilities:

- 17 Treatment Rooms
- Swimming Pool
- Rooftop Hydropool
- Crystal Steam Room
- Hammam
- Relaxation Room
- Experience Showers
- Rock Sauna
- Bio Sauna
- Laconium
- Tepidarium
- Salt Room
- Ice Fountain





:: JHL SOLITAIRE, JAKARTA

The JHL Solitaire Hotel, Gading Serpong, is the latest addition to the D Varee gold label property portfolio and is located forty minutes south of Jakarta's International Airport. The fifteen-level stand alone property is a notable landmark in the region, with contemporary design for the exterior and the interiors. The hotel features 144 stylishly appointed premier rooms and suites, with various F+B outlets throughout the property and a 180° view of the city from the sky ballroom.

The water and thermal facilities are designed to cater for the younger spa goers, keeping them occupied whilst parents or guardians take on downtime elsewhere in the spa.

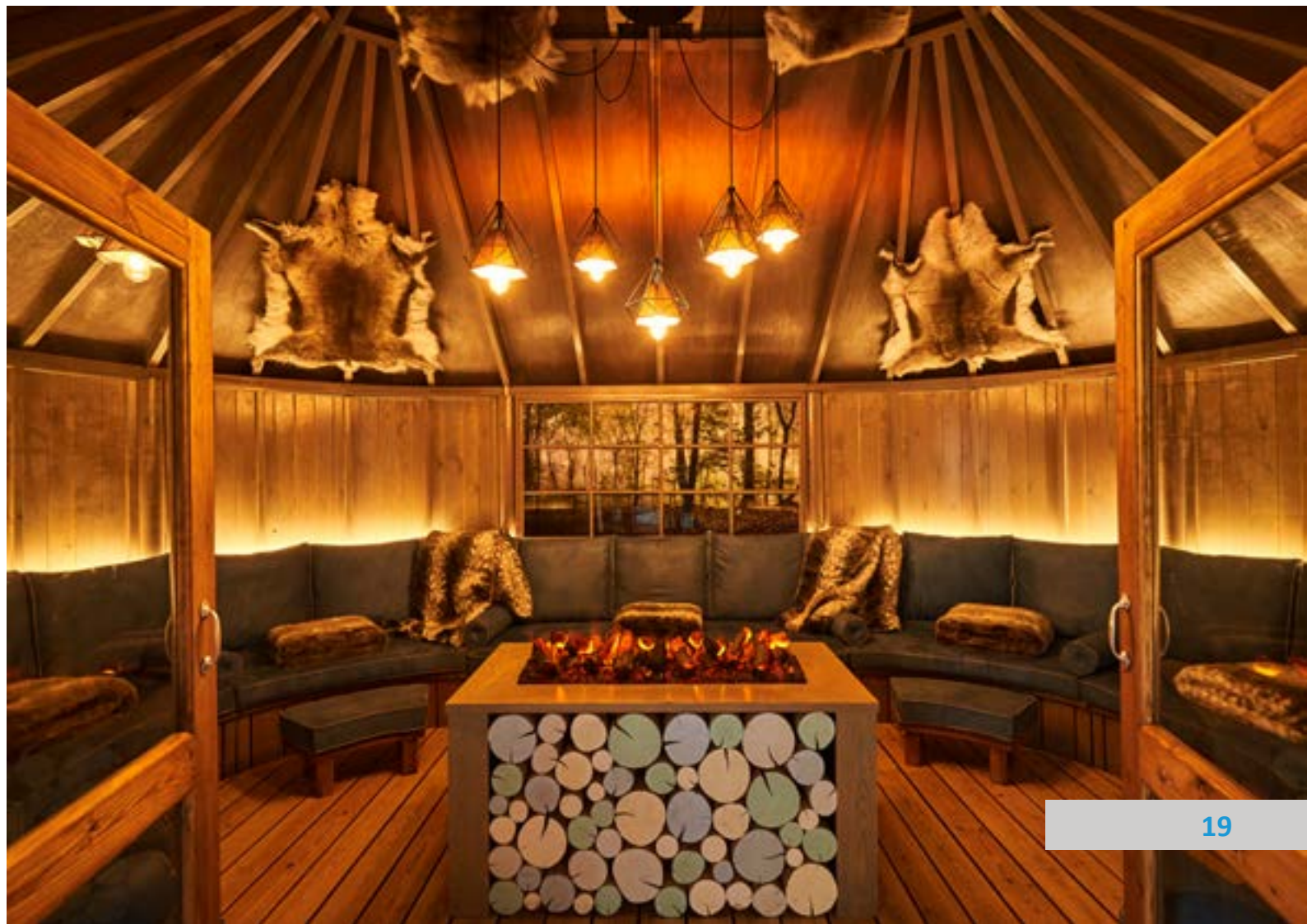
Users can enjoy various style heated rooms, designed to replicate the effect of thermal bathing, without any dangers to children. Wet areas include the toddler splash spa and kids wet play zones. Water treatment is key to this development with a splash deck and two pools with bubble pool features, water drops, guns, sprays, waterfalls and a water maypole on a synthetic deck - there is potential to expose children to contaminated water, if not implemented correctly. The B+W designed filtration and water treatment plants operate on quick circulation, with medium pressure ultra-violet utilised as the primary form of treatment.

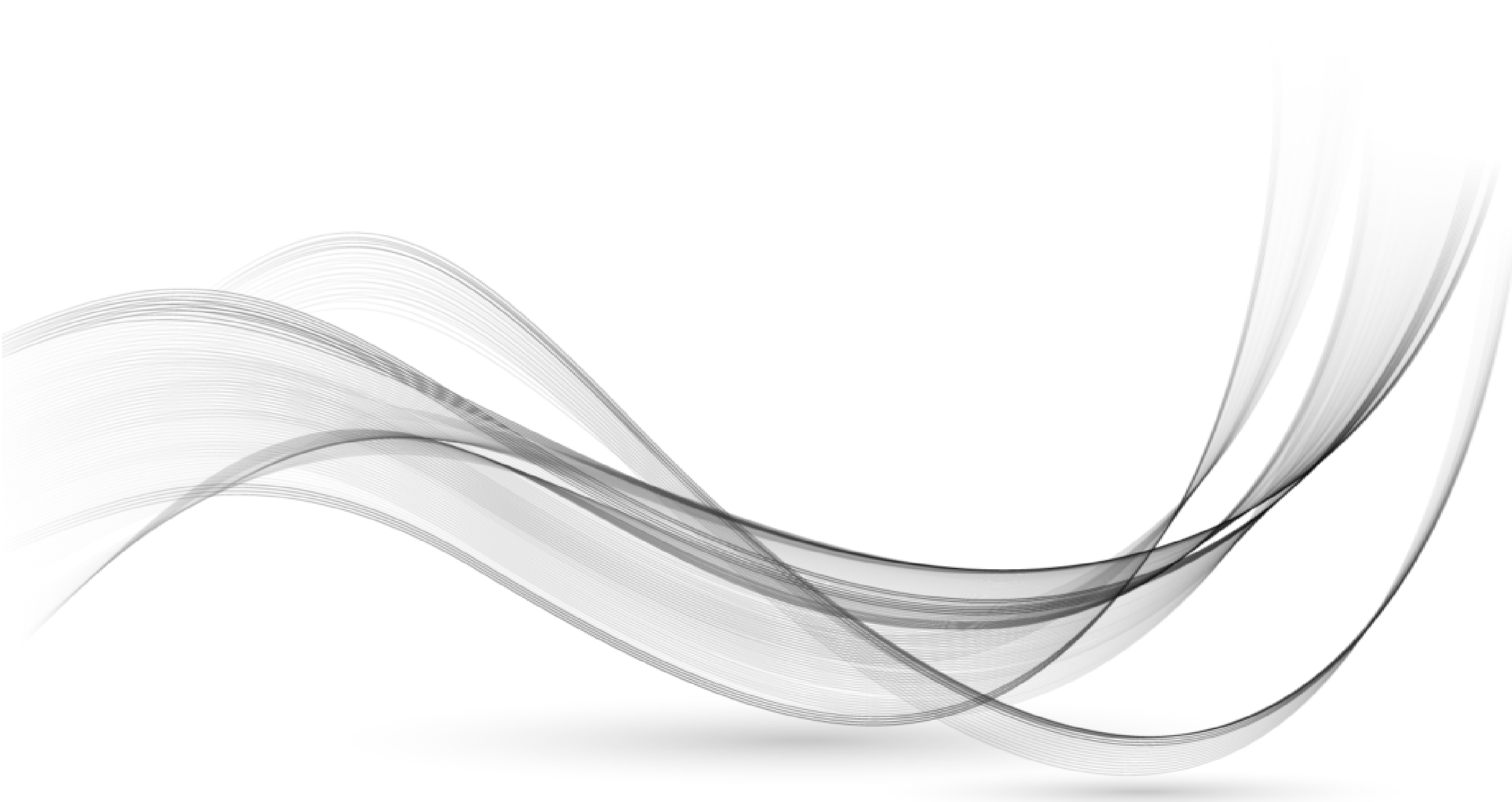


:: AQUA SANA, SHERWOOD FOREST

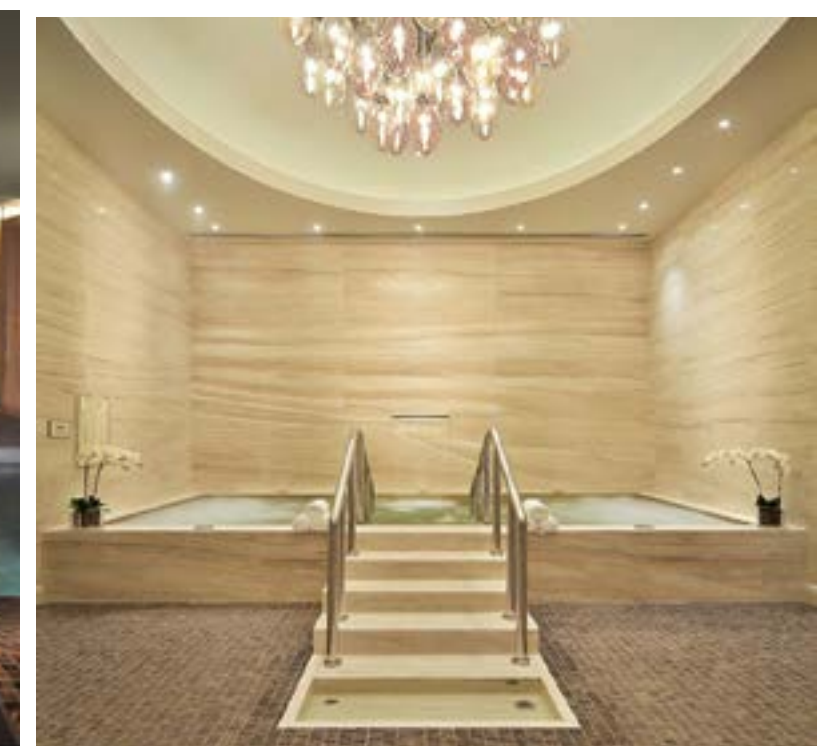
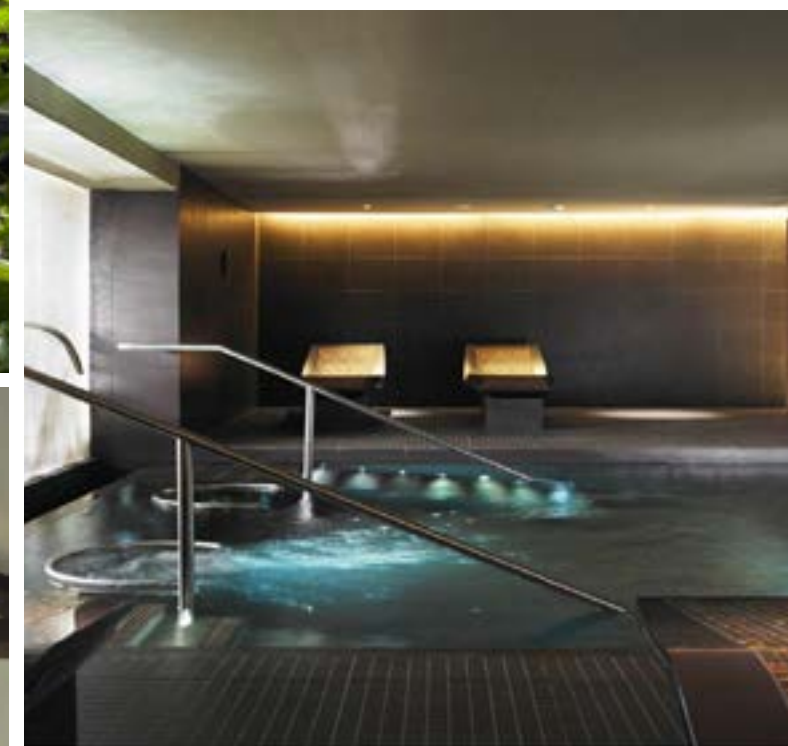
The new forest spa concept brings together the best of Aqua Sana, making the most of the natural surroundings, bringing the outside in and creates an area that reflects seasons and forests from around the world.

With six spa zones and twenty five spa experiences, B+W were delighted to be involved in the design, supply and install of all the new thermal and wet experiences throughout. Awarded a Good Spa Guide rating of five bubbles, the six zones offer unique spa experiences ranging from a fiery volcanic sauna, a forest glade steam room with cool mist experience, walk through experience shower zones and an invigorating Nordic ice cave. The treetop sauna - sitting 10 metres high in the forest - is one a kind and a truly magnificent experience



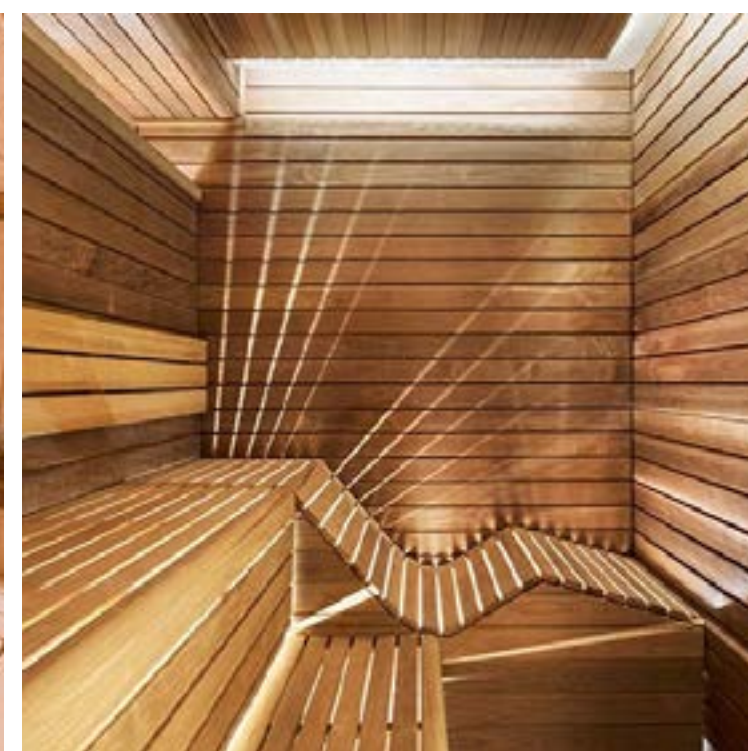
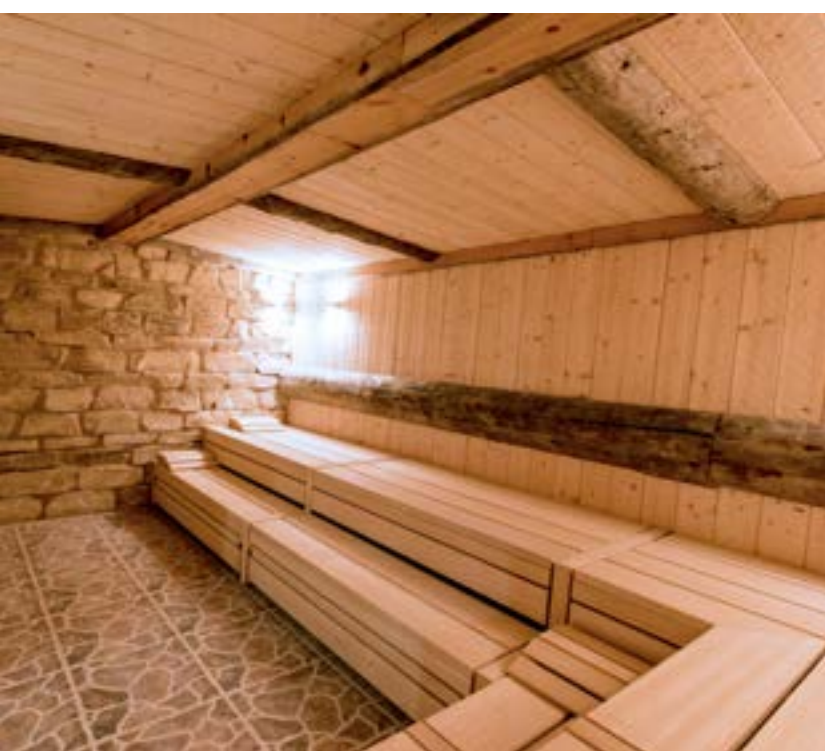


04 :: Experiences



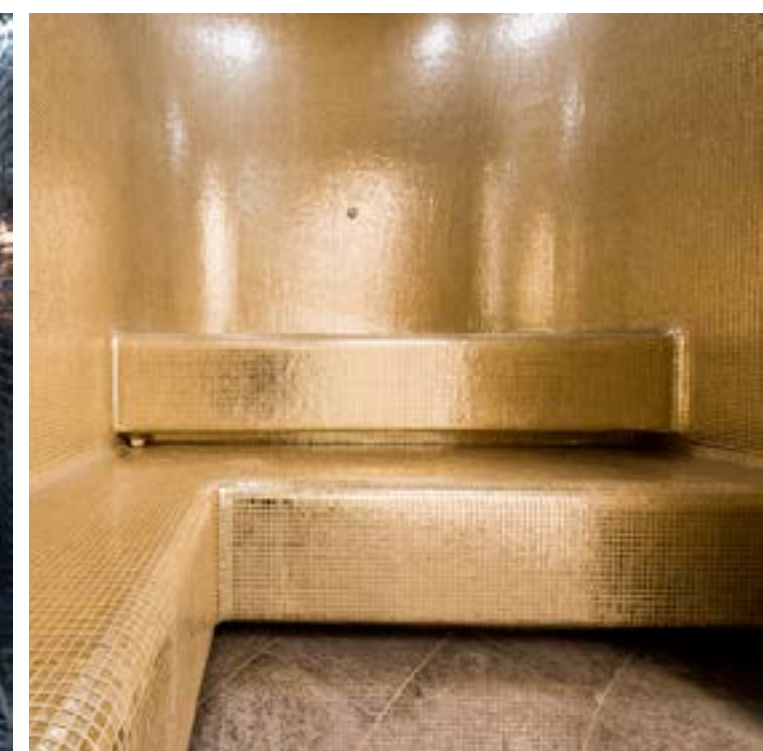
:: POOLS

- Hydrotherapy/ Vitality Pools
- Lap Pools
- Cold Plunge Pools
- Onsen Pools
- Watsu Pools
- Flotation Pools
- Mineral Pools
- Kneipp Walks



:: HEAT EXPERIENCES - DRY

- Finnish Sauna
- Banya Sauna
- Bio Sauna
- Infrared Sauna
- Salt Sauna
- Rock Sauna
- Herbal Sauna



:: HEAT EXPERIENCES - WET

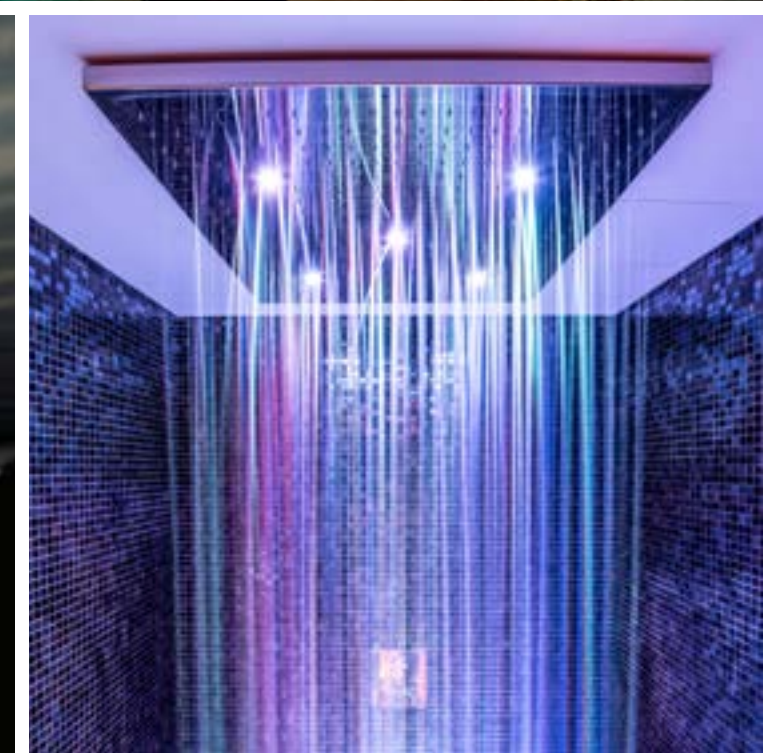
- Crystal Steam
- Herbal Steam
- Aroma Steam
- Salt Steam



:: COLD EXPERIENCES

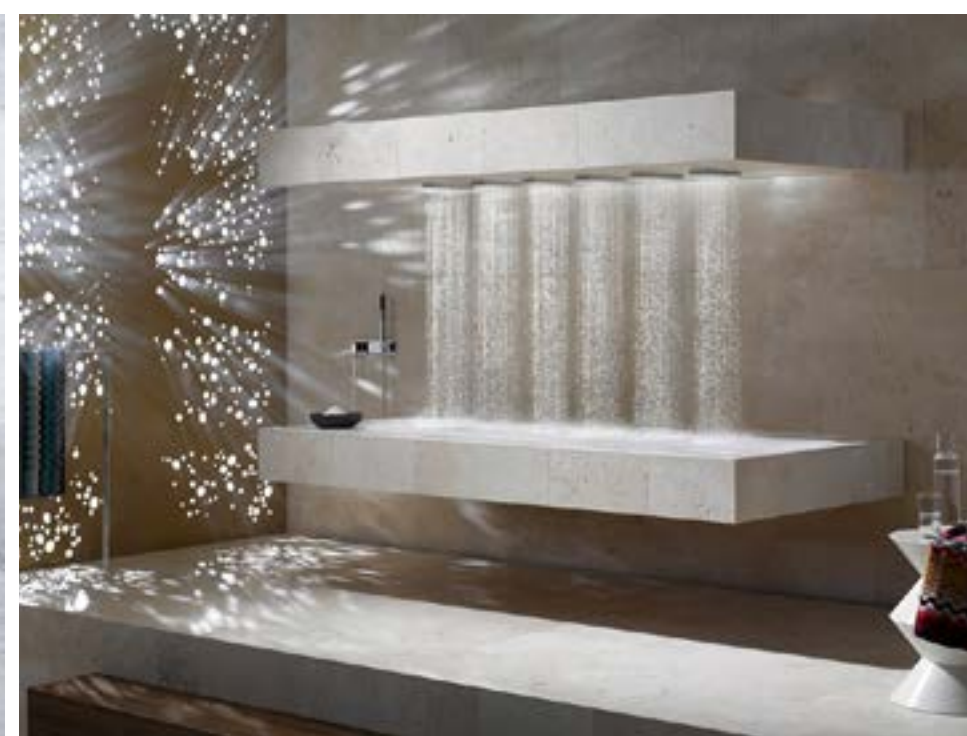
- Snow Caves
- Snow Showers
- Ice Fountains
- Ice Caves





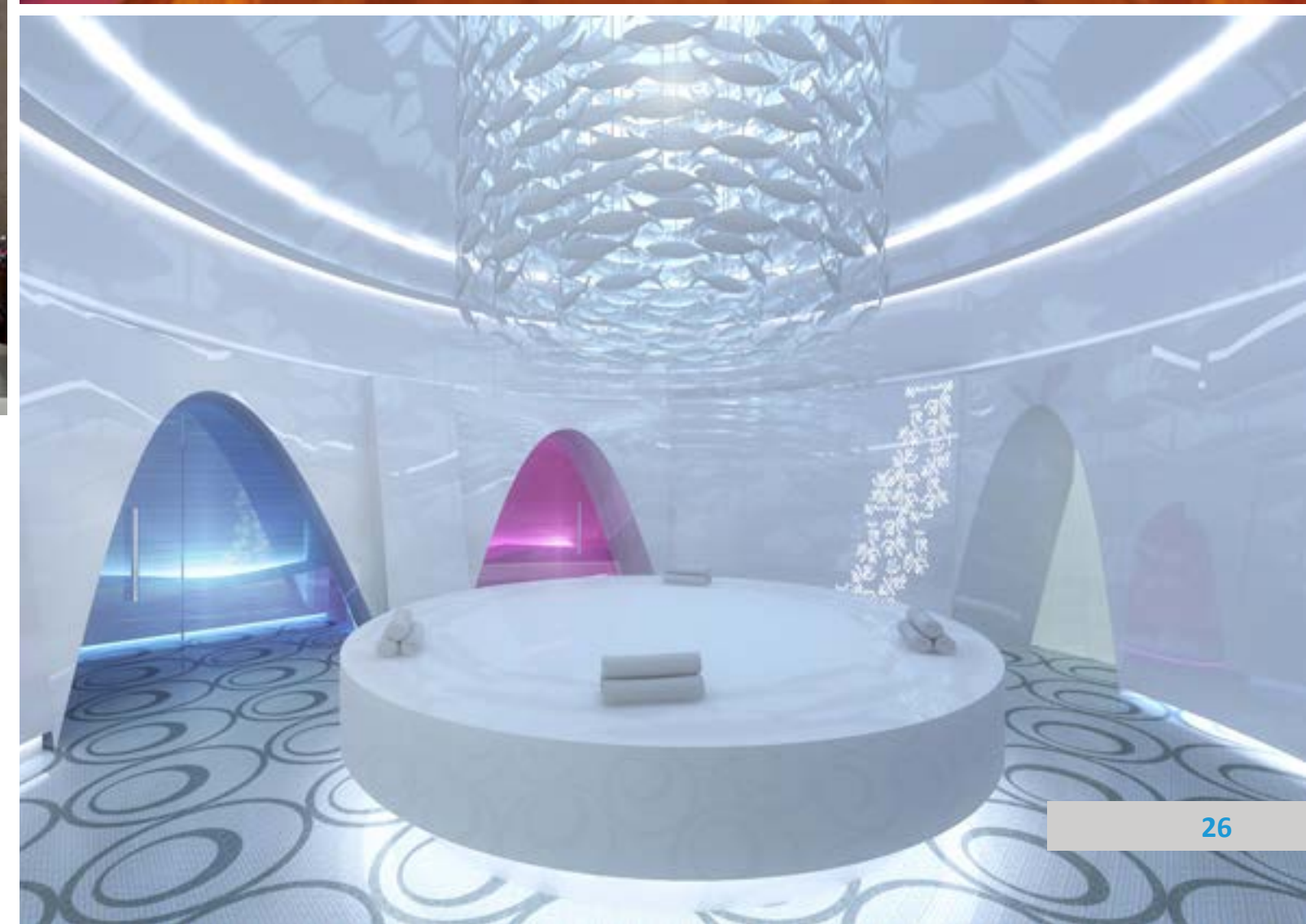
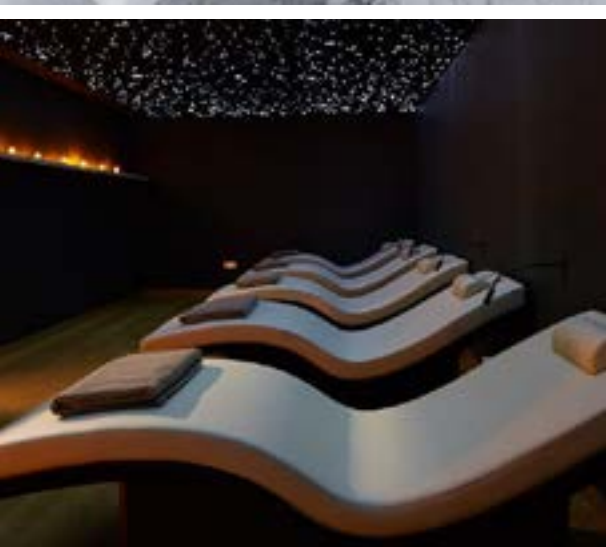
:: SHOWER EXPERIENCES

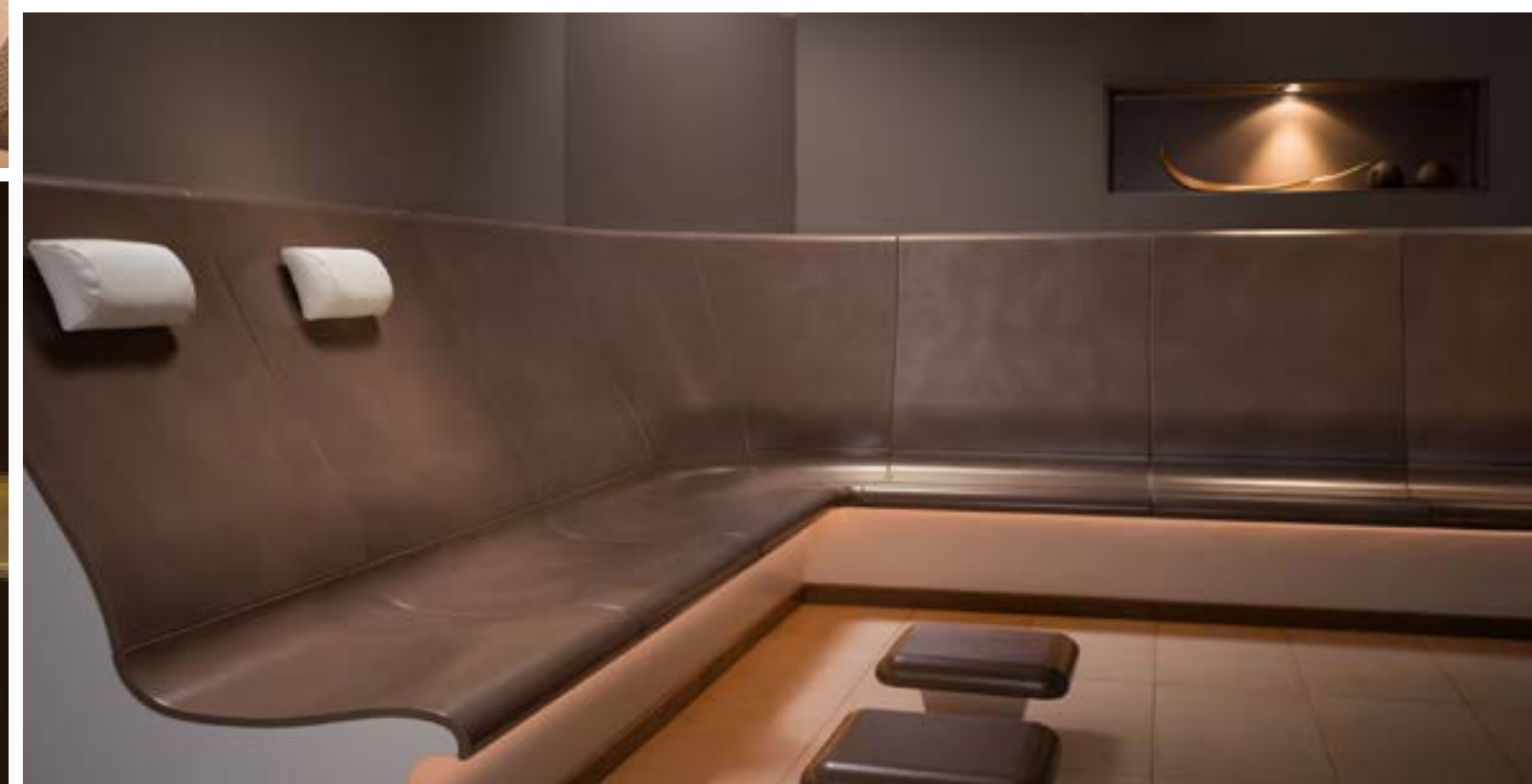
- Tropical
- Niagra Rain
- Carribean Storm
- Drench
- Chromatherapy
- Waterfall
- Rain
- Mist
- Hot/ Cold



:: TREATMENT EXPERIENCES

- Morrocan Hammam
- Turkish Hammam
- Rhassoul/ Rasul
- Salt Room
- Vichy Shower
- Foot Spa





RELAXATION

- Heated Loungers
- Heated Bench
- Tepidarium
- Senses Loungers





05 :: Projects List

UK + Europe

- :: Carden Park Hotel & Spa, Cheshire
- :: The Newt Hotel & Spa, Somerset
- :: One Spa, Sheraton, Edinburgh
- :: 3 Forks Ranch, Colorado
- :: Corinthia Hotel, London
- :: 250 City Road, London
- :: 10 Trinity Square, Four Seasons, London
- :: Ned Hotel, London
- :: Kings Cross, Gasholders, London
- :: Lanesborough, London
- :: Swinton Park, London
- :: Aqua Sana, Sherwood Forest, Nottinghamshire
- :: Lille Square, Earls Court, London
- :: Ye Old Bell, Barnby Moor, Retford
- :: Gainsborough Spa, Bath
- :: Private House, Surrey
- :: Goodmans Fields, London
- :: One Tower Bridge, London
- :: Rose Island, JW Marriott, Venice
- :: Four Seasons, Baku
- :: Woodland Spa Crow Road, Lancashire
- :: Maryborough Hotel & Spa, Cork
- :: The Spa, Pennyhill Park Hotel, London
- :: Park Hotel, Kenmare
- :: Gianfranco Ferre, Milan
- :: 199 Knightsbridge, London
- :: Abama Golf Resort & Spa, Tenerife
- :: The Spa Loch Lomond Golf Club, Loch Lomond
- :: Seafield Golf & Spa Hotel, Ballymoney
- :: The Spa at the Carrick, Loch Lomond
- :: Castlemartyr Resort & Spa, Cork
- :: The Spa at Gleneagles Hotel, Gleneagles
- :: Coral Reef Club, Barbados
- :: Armathwaite Hall Spa, Lake District
- :: Grantley Hall, Yorkshire
- :: Grand Hotel Bahia Del Duque, Tenerife
- :: Radisson Blu Hotel, Riga
- :: Hotel Verta, London
- :: Limewood Hotel & Spa, Lyndhurst
- :: Skibo Castle, Sutherland
- :: Four Seasons Hotel, Park Lane, London
- :: Edition Hotel, Istanbul
- :: One Hyde Park, London
- :: Stobo Castle Health Spa, Pebbles
- :: Armani Spa, Milan
- :: Stanley House Spa, Ribble Valley
- :: Emirates Arena Spa, Glasgow

Middle East + Asia

- :: The Royal Atlantis, The Palm Jumeirah, Dubai
- :: One & Only, One Zaabeel, Dubai
- :: Bvlgari Hotel & Resort, Dubai
- :: The Kempinski, The Palm Jumeirah, Dubai
- :: Palazzo Versace, Dubai
- :: Mandarin Oriental, Doha
- :: Corinthia Meydan Beach Hotel, Dubai
- :: Jumeirah Saadiyat Island, Abu Dhabi
- :: Mandarin Oriental, Downtown Dubai
- :: Intercontinental Muscat, Oman
- :: JW Marriott, Nairobi, Kenya
- :: St. Regis, Habtoor Polo Club, Dubai
- :: Waldorf Astoria The Avenues, Riyadh
- :: The Address Jumeirah Gate, Dubai
- :: Jumeirah Talise Spa, Souk Madinat
- :: The Address Dubai Harbour Point
- :: Paramount Hotel, Dubai
- :: The Address Downtown, Dubai
- :: The Address Boulevard, Dubai
- :: Fairmont, Riyadh, KSA
- :: The Address Fountain View, Dubai
- :: The Address Sky View, Dubai
- :: Fairmont, Fujairah
- :: St. Regis, Dubai
- :: Marriot Amman, Jordan
- :: Sofitel Downtown, Dubai
- :: Grand Hyatt, Colombo
- :: Fairmont, Abu Dhabi
- :: Shangri La, Jeddah, KSA
- :: Sofitel Amman, Jordan
- :: Jumeirah Messilah Beach, Kuwait
- :: Jumeirah Etihad Towers, Abu Dhabi
- :: Westin, Abu Dhabi Golf Club
- :: Anantara Easter Mangroves, Abu Dhabi
- :: Anantara, Seychelles
- :: Anantara Al Jabal Al Akhdar, Oman
- :: Grand Hyatt, Kuwait
- :: Grand Hyatt, Doha
- :: Westin, Dubai
- :: Marriott, Ras Al Khaimah
- :: One & Only Reethi Rah, Maldives
- :: Ritz Carlton, Abu Dhabi
- :: Ritz Carlton, Bangalore
- :: Fairmont, The Palm Jumeirah, Dubai
- :: St. Regis, Los Cabos, Mexico
- :: Shangri-La, Dubai
- :: The Chedi, Rad Al Hadd, Muscat, Oman

Asia Pacific

- :: Tawarri Hot Spring Resort, Perth, Australia
- :: Westside City Casino Resort, Manila, Philippines
- :: Tri Vanada Wellness, Phuket, Thailand
- :: Edition Hotel, Singapore
- :: The Legian Lombok, Indonesia
- :: Hyatt Regency, Kunming, China
- :: Bang Krachao Wellness Centre, Bangkok
- :: Bellvue Hill, Sydney, Australia
- :: Mt Nicholson, Hong Kong
- :: Hyatt Regency Phnom Penh, Cambodia
- :: The Light, By Sun and Moon Hotels, Cambodia
- :: The Hong Kong Football Club, Hong Kong
- :: Park Hyatt, Auckland, New Zealand
- :: Rosewood Hotel, Guangzhou, China
- :: Rosewood Hong Kong, Hong Kong
- :: Grand Lisboa Palace, Macau
- :: Palazzo Versace, Macau
- :: Karl Lagerfeld, Macau
- :: Four Seasons, Tokyo, Japan
- :: Rosewood Hoi An, Vietnam
- :: Six Senses, Taitung, Taiwan
- :: Ocean Park Wave Pool, Hong Kong
- :: MGM Cotai, Macau
- :: Hyatt Regency, Xiamen, China
- :: W Hotel Haitang Bay, Sanya, China
- :: Four Seasons Haitang Bay, Sanya, China
- :: Rosewood Phnom Penh, Cambodia
- :: St Regis, Kuala Lumpur, Indonesia
- :: Grand Hyatt, Xian, China
- :: Wynn Macau, Macau
- :: Park Hyatt, Jakarta, Indonesia
- :: Branksome Crest, Hong Kong
- :: Waldorf Hotel, Bangkok, Thailand
- :: Rosewood Resort, Bali, Indonesia
- :: Grand Hyatt Macau, Macau
- :: One and Only, Reethi Rah, Maldives
- :: Ritz Carlton, Langkawi, Malaysia
- :: W Hotel, Goa, India
- :: St Regis, Macau
- :: The Parisian, Macau
- :: Ritz Carlton Sawangan, Bali, Indonesia
- :: Grand Hyatt, Manila, Philippines
- :: Ritz Carlton Ubud, Bali, Indonesia
- :: Grand Hyatt, Kuala Lumpur, Indonesia
- :: Deep Water Bay, Hong Kong
- :: W Hotel, Singapore
- :: Resorts World Sentosa, Singapore



BARR + WRAY
www.barrandwray.com

CREATORS OF WELLBEING AND RELAXATION

Interior Design | Engineering Design | Pool + Thermal Installation | Maintenance

UK & Europe

1 Buccleuch Avenue
Hillington Park
Glasgow
G52 4NR
T: +44 141 882 9991

E: sales@barrandwray.com

Middle East & Africa

Le Solarium Building
Office 401, Dubai Silicon Oasis
Dubai, United Arab Emirates
PO Box 341246
T: +971 4 320 6440

E: sales@barrandwray.com

South-East Asia

Unit C, 1/F
998 Canton Road
Mongkok, Kowloon
Hong Kong
T: +852 2214 9990

E: sales@barrandwray.com

3.2 Barr and Wray Organizational Chart

B+W- OWNERSHIP STRUCTURE



PRINCIPAL ACTIVITIES

BARR + WRAY

POOLS

ENGINEERING CONSULTANCY

FILTRATION & WATER
TREATMENT

INSTALLATION

SPAS

ENGINEERING CONSULTANCY

INTERIOR DESIGN

INSTALLATION

AFTERSALES

SERVICE AGREEMENTS

TRAINING & SUPPORT

INSPECTIONS

PROCESS EQUIPMENT

PUMPS

FILTRATION EQUIPMENT

UV DISINFECTION EQUIPMENT

WATER SOLUTIONS

TESTING & PILOTS

TREATMENT PACKAGES

SYSTEMS

Dubai Office



Quality Standards

4.1 Quality Policy Statement

Barr + Wray Quality Policy

Barr + Wray are a leading installer and supplier of water treatment, thermal cabins and water conditioning equipment in the UK and Overseas.

The Company is committed to achieve sustained, profitable growth by providing products through safe systems of work that consistently satisfy the needs and expectations of its customers.

Through the implementation and continual development of an Integrated Management System (IMS) compliant with ISO 9001:2008 Barr + Wray intends to fulfil its' contractual and statutory obligations and enhance customer satisfaction.

The Company conducts its operations in such a manner as to protect, so far as is reasonably practicable, the environment and the health, safety and welfare of its employees and all persons likely to be affected by its undertakings and by implementation of the following initiatives.

- Continual improvement by setting achievable quality targets which through reviews and audits are monitored to ensure targets are being met
- Customer focus to enhance customer satisfaction and exceed customer expectations
- Leadership from top management, establishing a unity of purpose and direction and to creating and maintaining an environment through explaining the strategy, implementing the management system and meeting the company objectives
- People involvement directed by the management through effective communication, encouragement to accept ownership of problems and drive the solutions, and recognition of achievement.
- Ensure that adequate and competent resources are available to achieve the Company's objectives

Top management ensures this policy is reviewed annually for suitability and is communicated and promoted throughout the organisation.



Alister MacDonald
Managing Director
15 March 2016

Reference Lists and Experience

6.1 B + W Relevant Projects References



PROJECT REFERENCE

THE ROYAL ATLANTIS

| | |
|----------|---|
| Location | Dubai, United Arab Emirates |
| Client | Kerzner International |
| Facility | Hotel & Residences |
| Size | 173,398 sqm |
| Status | In Construction |
| Scope | Spa Interior Design + Technical Design + Installation |





PROJECT REFERENCE

SAADIYAT ISLAND RESORT

| | |
|----------|--|
| Location | Abu Dhabi, United Arab Emirates |
| Client | SSPD |
| Facility | Hotel & Residences |
| Size | Not Available |
| Status | Constructed |
| Scope | Spa Interior Design + Technical Design |

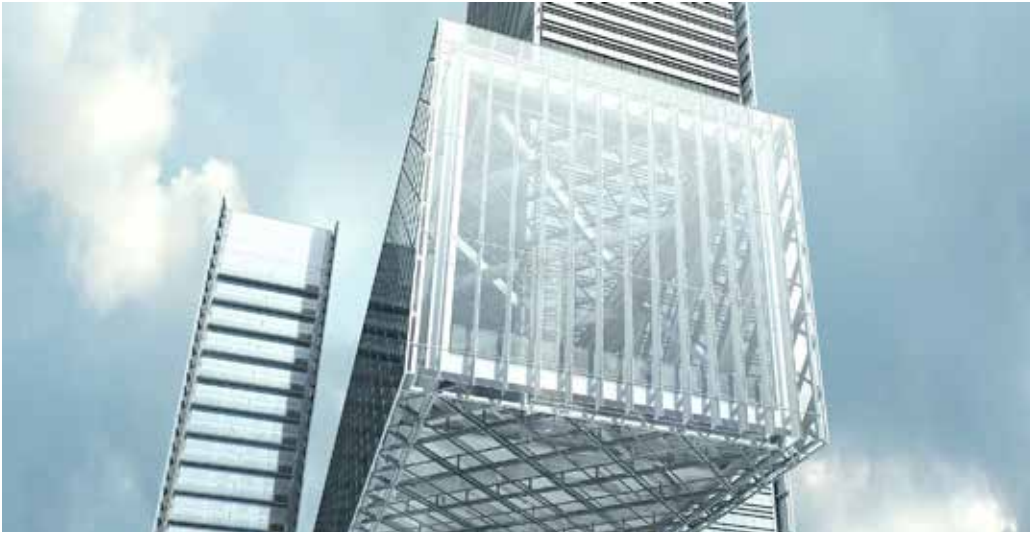




PROJECT REFERENCE

ONE & ONLY
ONE ZABEEL

| | |
|----------|-----------------------------|
| Location | Dubai, United Arab Emirates |
| Client | ICD |
| Facility | Hotel, Residences & Offices |
| Size | Not Available |
| Status | In Construction |
| Scope | Pool Filtration Design |





PROJECT REFERENCE

ADDRESS
DOWNTOWN

| | |
|----------|--|
| Location | Dubai, United Arab Emirates |
| Client | ICD |
| Facility | Hotel, Residences & Offices |
| Size | Not Available |
| Status | Constructed |
| Scope | Spa Technical Design + Supply + Installation |





PROJECT REFERENCE

BVLGARI
RESORT

| | |
|----------|-----------------------------|
| Location | Dubai, United Arab Emirates |
| Client | Meraas |
| Facility | Hotel & Residences |
| Size | Not Available |
| Status | Constructed |
| Scope | Spa Technical Design |





PROJECT REFERENCE

PALAZZO VERSACE

| | |
|----------|-----------------------------|
| Location | Dubai, United Arab Emirates |
| Client | Enshaa |
| Facility | Hotel & Residences |
| Size | Not Available |
| Status | Constructed |
| Scope | Spa Supply + Installation |





PROJECT REFERENCE

THE TOWER DUBAI CREEK

| | |
|----------|---------------------------------|
| Location | Dubai, United Arab Emirates |
| Client | Calatrava |
| Facility | Observation Tower, Hotel, F&B |
| Size | Not Available |
| Status | In Construction |
| Scope | Water Features Technical Design |





PROJECT REFERENCE

THE RED SEA DEVELOPMENT

| | |
|----------|---|
| Location | The Red Sea, KSA |
| Client | TRSDC |
| Facility | Resort Hotels |
| Size | Not Available |
| Status | In Construction |
| Scope | Spa Technical Design + Pools + Water Features |





PROJECT REFERENCE

ADDRESS JBR

| | |
|----------|-----------------------------|
| Location | Dubai, United Arab Emirates |
| Client | Emaar |
| Facility | Hotel +Residences |
| Size | Not Available |
| Status | Constructed |
| Scope | Spa Supply + Installation |





PROJECT REFERENCE

EMERALD PALACE KEMPINSKI THE PALM

| | |
|----------|-----------------------------|
| Location | Dubai, United Arab Emirates |
| Client | EPG |
| Facility | Hotel & Residencies |
| Size | Not Available |
| Status | Constructed |
| Scope | Spa Supply + Installation |





PROJECT REFERENCE

MARSA AL ARAB

| | |
|----------|---|
| Location | Dubai, United Arab Emirates |
| Client | ASGC |
| Facility | Hotel & Residences |
| Size | Not Available |
| Status | In Construction |
| Scope | Spa Design Consultancy + Technical Design |





PROJECT REFERENCE

EXPO DUBAI PAVILION

| | |
|----------|---------------------------------|
| Location | Dubai, United Arab Emirates |
| Client | Calatrava |
| Facility | Pavilion |
| Size | Not Available |
| Status | Constructed |
| Scope | Water Features Technical Design |



Project Reference List:

The table below shows some of our projects in the region which have been completed and are currently ongoing.

| S.N | Project Name | Project Location | Client | Scope | Project Cost | Start - Completion |
|-----|--------------------------------------|------------------|---|---|--------------|--------------------|
| 1 | Shurayrah HC1, HC2, HC3 | KSA | The Red Sea Development Company (TRSDC) | Spa Technical Design, Pools + Water Features | Confidential | 2020 - Ongoing |
| 2 | Sheybarah H10 | KSA | The Red Sea Development Company (TRSDC) | Spa Technical Design, Pools + Water Features | Confidential | 2020 - Ongoing |
| 3 | Ummahat Alshaykh H11 | KSA | The Red Sea Development Company (TRSDC) | Spa Technical Design, Pools + Water Features | Confidential | 2020 - Ongoing |
| 4 | Ummahat Alshaykh H12 | KSA | The Red Sea Development Company (TRSDC) | Spa Technical Design, Pools + Water Features | Confidential | 2020 - Ongoing |
| 5 | Desert Rock H13 | KSA | The Red Sea Development Company (TRSDC) | Spa Technical Design, Pools + Water Features | Confidential | 2020 - Ongoing |
| 6 | Southern Dunes H14 | KSA | The Red Sea Development Company (TRSDC) | Spa Technical Design, Pools + Water Features | Confidential | 2020 - Ongoing |
| 7 | Jumeirah Marsa Al Arab | Dubai | North 25 | Spa Consultancy, Spa Technical Design, Pools + Water Features | Confidential | 2020 - Ongoing |
| 8 | One and Only, One Zabeel | Dubai | Nikken Sekkei | Pools and Water Features Design + Supervision | Confidential | 2020 - Ongoing |
| 9 | The Royal Atlantis | Dubai | Kerzner | Spa ID, Spa Technical Design, Pools + Water Features | Confidential | 2019 - Ongoing |
| 10 | Katara Hills Boutique Resort | Doha | Katara Hospitality | Spa Consultancy, Spa Technical Design, Pools + Water Features | Confidential | 2018 - Ongoing |
| 12 | Waldorf Astoria, The Avenues, Riyadh | KSA | Shomoul Holding | Pools + Water Features Technical Design | Confidential | 2018 - Ongoing |
| 13 | Waldorf Astoria, Lusail | Doha | WSP | Spa & Pools Technical Design | Confidential | 2019 - Ongoing |
| 14 | Palazzo Versace | Dubai | Enshaa PSC | Spa + Pool Technical Design | Confidential | 2014 -2016 |
| 15 | Mandarin Oriental | Doha | Carillion | Spa & Pools Technical Design | Confidential | 2014 - |
| 16 | Bvlgari Hotel & Residences | Dubai | WSP | Spa Technical Design, Pools + Water Features | Confidential | 2013 - 2016 |
| 17 | Banyan Tree | Doha | Aecom | Spa & Pools Technical Design | Confidential | 2018- Ongoing |
| 18 | Address Sky View | Dubai | Emaar | Spa & Pools Technical Design | Confidential | 2014 -2019 |
| 19 | Address Fountain View | Dubai | Emaar | Spa & Pools Technical Design | Confidential | 2015 -2019 |
| 20 | Address Downtown | Dubai | Emaar | Spa & Pools Technical Design | Confidential | 2015 -2017 |
| 21 | Address Boulevard | Dubai | Emaar | Spa & Pools Technical Design | Confidential | 2014 -2018 |

ISO Certification

ISO 9001: 2008 Quality Management System

ISO 14001: 2004 Environmental Management System

Certificate of Registration

ENVIRONMENTAL MANAGEMENT SYSTEM - ISO 14001:2015

This is to certify that:

Barr + Wray Ltd
1 Buccleuch Avenue
Hillington Park
Glasgow
G52 4NR
United Kingdom

Holds Certificate Number:

EMS 611159

and operates an Environmental Management System which complies with the requirements of ISO 14001:2015 for the following scope:

Supply of fluid handling and conditioning equipment and design, installation, commissioning and servicing of water and waste water treatment systems in industrial and leisure sectors.



For and on behalf of BSI:

Matt Page, Managing Director Assurance - UK & Ireland

Original Registration Date: 2014-07-02

Latest Revision Date: 2023-06-01

Effective Date: 2023-07-02

Expiry Date: 2026-07-01

Page: 1 of 1



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This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract.

An electronic certificate can be authenticated [online](#).

Printed copies can be validated at www.bsigroup.com/ClientDirectory

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: + 44 345 080 9000
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A Member of the BSI Group of Companies.

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2015

This is to certify that:

Barr + Wray Ltd
1 Buccleuch Avenue
Hillington Park
Glasgow
G52 4NR
United Kingdom

Holds Certificate Number:

FM 26503

and operates a Quality Management System which complies with the requirements of ISO 9001:2015 for the following scope:

Supply of fluid handling and conditioning equipment and design, installation, commissioning and servicing of water and waste water treatment systems in industrial and leisure sectors.



For and on behalf of BSI:

Matt Page, Managing Director Assurance - UK & Ireland

Original Registration Date: 1993-12-03

Latest Revision Date: 2022-01-14

Effective Date: 2022-02-20

Expiry Date: 2025-02-19

Page: 1 of 1



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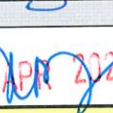



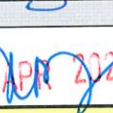



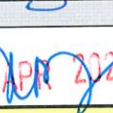


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BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A Member of the BSI Group of Companies.

Previous Projects Aprovals

| ENGINEERING OFFICE Design Division P.O. BOX 12188, Dubai, U.A.E | | APPLICATION FOR APPROVAL | | Logo of Contractor | | | | | | | | | | | | | | | | |
|--|-----|--|---|--------------------|--|------|-------------|-------------|----|----|--|-----|-----|--|-----|-----|--|----|-----|--|
| Project Title | | Design and construction of GYM, Pool & Spa building in Nakhali Lodges | | Project No. | | | | | | | | | | | | | | | | |
| Client/Management | | | | Reference No. | | | | | | | | | | | | | | | | |
| Consultant | | | | Submitted Date | | | | | | | | | | | | | | | | |
| Contractor | | | | Response Req. Date | | | | | | | | | | | | | | | | |
| APPLICATION BY : <input checked="" type="checkbox"/> CD <input type="checkbox"/> IS <input type="checkbox"/> DD Projects <input type="checkbox"/> TS <input type="checkbox"/> Others | | | | | | | | | | | | | | | | | | | | |
| CONTRACTOR: This submittal has been reviewed and considered suitable <div style="display: flex; justify-content: space-between;"> <div> NAME Contractor: <u>Mohammed Faisal Imran</u> Engineer In Charge Approved By: <u>Sr. Manager - Project</u> </div> <div> SIGNATURE & DATE  29Mar2021 </div> </div> | | | | | | | | | | | | | | | | | | | | |
| APPROVAL FOR <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> DESIGN PROPOSAL <input type="checkbox"/> PRE QUALIFICATION <input checked="" type="checkbox"/> MATERIAL SUBMITTAL/ EQUIPMENT </div> <div> <input type="checkbox"/> SHOP DRAWINGS <input type="checkbox"/> SAMPLE <input type="checkbox"/> OTHER </div> <div> <input type="checkbox"/> METHOD STATEMENT <input type="checkbox"/> TEST REPORT </div> </div> | | | | | | | | | | | | | | | | | | | | |
| Note: - Please attach relevant floor plans for all material and sample submittal. Non-compliance will result in rejection of submittal. | | | | | | | | | | | | | | | | | | | | |
| TITLE & DESCRIPTION Re-Submittal of Material Data Sheet for Hammam Room | | | | | | | | | | | | | | | | | | | | |
| DOC. REF. NO. <u>FP-1001000024/CD/TS/C/56295/02/0321</u> | | | | | | | | | | | | | | | | | | | | |
| SOURCE DETAIL/LOCATION <u>Barr + Wray</u> / <u>Nakhali Lodges</u> | | | | | | | | | | | | | | | | | | | | |
| ORIGINATED / SUPPLIED BY <u>Barr + Wray</u> | | | | | | | | | | | | | | | | | | | | |
| INSTALLED BY <u>Barr + Wray</u> | | | | | | | | | | | | | | | | | | | | |
| CONTRACTORS ATTESTATION <input type="checkbox"/> CONFIRMS TO SPECS. <input type="checkbox"/> ALTERNATIVE-EQUAL / BETTER THAN SPECIFIED <input type="checkbox"/> ALTERNATIVE PROPOSAL DUE TO OTHER REASONS-COMPARISON SHEET ENCLOSED | | | | | | | | | | | | | | | | | | | | |
| DATE BY WHICH RESPONSE IS REQUIRED: | | | | | | | | | | | | | | | | | | | | |
| THE SPECIFIED Included : <input checked="" type="radio"/> YES <input type="radio"/> NO | | | | | | | | | | | | | | | | | | | | |
| REFERENCE TO THE CONTRACT DOCUMENT / B.O.Q ITEM No. _____ GENERAL / PARTICULAR SPECIFICATIONS SECTION & CLAUSE _____ DRAWING REFERENCE No. _____ | | | | | | | | | | | | | | | | | | | | |
| CONSULTANT'S REVIEW: | | | | | | | | | | | | | | | | | | | | |
| No objection with the submitted Material ID: as per comments in shop plans. Electrical: Refer comments on the compliance statement & comply | | | REVIEWED BY: | | | | | | | | | | | | | | | | | |
| | | | <table border="1"> <thead> <tr> <th>Name</th> <th>Designation</th> <th>Sign & Date</th> </tr> </thead> <tbody> <tr> <td>NR</td> <td>PM</td> <td> 04/04/2021</td> </tr> <tr> <td>S/S</td> <td>SMC</td> <td> 15/4</td> </tr> <tr> <td>AKK</td> <td>SEE</td> <td> 14/04/2021</td> </tr> <tr> <td>ES</td> <td>QUD</td> <td> 8.8.7.21</td> </tr> </tbody> </table> | | | Name | Designation | Sign & Date | NR | PM |  04/04/2021 | S/S | SMC |  15/4 | AKK | SEE |  14/04/2021 | ES | QUD |  8.8.7.21 |
| | | | Name | Designation | Sign & Date | | | | | | | | | | | | | | | |
| | | | NR | PM |  04/04/2021 | | | | | | | | | | | | | | | |
| | | | S/S | SMC |  15/4 | | | | | | | | | | | | | | | |
| AKK | SEE |  14/04/2021 | | | | | | | | | | | | | | | | | | |
| ES | QUD |  8.8.7.21 | | | | | | | | | | | | | | | | | | |
| APPROVED BY: | | | | | | | | | | | | | | | | | | | | |
| Date: _____ Signature:  15 APR 2021 | | | | | | | | | | | | | | | | | | | | |
| APPROVAL STATUS <input type="checkbox"/> A. APPROVED <input checked="" type="checkbox"/> B. APPROVED AS NOTED <input type="checkbox"/> C. RESUBMIT <input type="checkbox"/> D. REJECTED | | | | | | | | | | | | | | | | | | | | |
| APPROVAL VIDE THIS DOCUMENT SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITIES FROM THE COMPLIANCE TO THE CONTRACT CONDITIONS & THE SPECIFICATIONS NOR ENTITLE HIM FOR ANY VARIATION CLAIM | | | | | | | | | | | | | | | | | | | | |

Date : 16-Feb-2017
Project Name : SHAZA HOTEL PROJECT
Project No. : JO11
Customer : ABDULLA ALI JABER AL THANI

NEW SUBMITTAL ☐ RESUBMITTAL ☒
Submittal No.: DM(BW)-CEG-MAT-0278 Rev. 01

DESCRIPTION

Level 3 Female Scrub Room Heated Benches 2 Nos.

Drawing Ref. B+W-M-SD-SPA-L03-16-0
Specs. Ref. SLP1934012
BOQ Ref. N/A
B.S. Ref. N/A

Attachment ☒ Literature ☐ Test Certificates ☐ Samples

MANUFACTURER/SUPPLIER

Name Barr + Wray FZE
Address Dubai Silicon Oasis, Le Solarium Bldg. Office 401, 402 & 403
Local Agent
Post Box 341246 Telephone No. 9714-3206440

RECEIVED
18 FEB 2017

Fax No: 9714-3206441

DELIVERY

AVAILABILITY

Locally Manufactured 4 Weeks
CCASG Manufactured -
Overseas 12 Weeks

MODE OF TRANSPORT

Overland -
Air Freight -
Sea Freight ☒

MANUFACTURE

Production Period 6 Weeks
Delivery Ex. Works 6 Weeks
Total Delivery Time 12 Weeks

PROGRAMME

Latest Date for Order -
Date Material Required on Site -

The Contractor certifies that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract documents except as otherwise stated.

Signature:  Name: **IAN BIGGS (Projects Manager)** Date: 16-02-2017

CONSULTANT COMMENTS

☐ (A) Approved ☒ (B) Approved with comments ☐ (C) Revise & Resubmit ☐ (D) Rejected

REMARKS

Mech: (B) * EXTRACT DUCT CONNECTION AND DRAIN SHALL BE COORDINATED W/ MEP CONTRACTOR
20/2/17 * DRAIN SYSTEM SHOULD BE W/ SMELL TRAP SYSTEM.
MINOR * FINAL APPROVAL SHALL BE BY OPERATOR / CLIENT.

Signature:

Date: 21 FEB 2017

CUSTOMER/ENGINEERING DEPARTMENT COMMENTS

Signature:

Approval by the Consultant and or the Customer shall not relieve the Contractor of his obligation under the Contract, and the Contractor shall be solely responsible for the soundness and correctness of the submitted materials and documents.



Transmittal To SDC (Materials)

- ☒ Submittal
☐ Resubmittal

| Date | Project Code | | Project Title | Trans. No. | Department | | | |
|------------|--------------|-------|---------------|----------------------------|------------|-------|----|----|
| 12-09-2018 | SDC | 1728 | PROJECT ROSA | SDC-RY-PH2-1728-MAT-ME-051 | AR | CE/SE | ME | EE |
| | Contr. | P1590 | | | | | | |

To ☒ Resident Engineer
☐ Head Office
☐ Others

From
 SBG-ABCD
 AL MAZEN

Contractor Use

| Item No. | Division | Item Description (Name, Type, Size, Capacity, Specific Use, Etc.) | Manufacturer or Designer | Dwg. No., Catalog No. Brochure No., Others | No. of Copies |
|----------|----------|--|--------------------------|--|---------------|
| A | E01- SPA | | AL MAZEN | | |
| | 1 | Technical Submittal for Vitality Pool | | Catalog | 2 |
| B | | SOFT COPY | | CD | 1 |

Submitted by

| | | | |
|------------------------|-----------------------|-----------|---|
| Name Khalid Siris | Title Al-Mazen / PM | Signature | Enclosures: hard copy 2 soft copy 1 Items: 3 |
| Name Muhammad Kayyali | Title Tech. Office | Signature | |
| Name Bassam Al Marrawi | Title Project Manager | Signature | |

Saudi Diyar Use

| | | | | | | | | | |
|-------------|--|--|--|--|--|--|--|--|--|
| Item # | | | | | | | | | |
| Code | | | | | | | | | |
| Reviewed By | | | | | | | | | |

Action Code

- No Exceptions Taken
- Make Corrections as Noted
- Amend and Resubmit
- Rejected

See Remarks

Remarks:

- Installation shall only proceed when Action Code is 1 or 2.
- Action Code 3, shall be resubmitted within time limit set in the contract.
- Review does not relieve the Contractor from Responsibility of Compliance with all requirements of contract documents.

REVIEWED FOR DESIGN INTENT ONLY

Special Instructions

ROBERT D. HENRY
architects

Corrections or comments made on this submittal during this review are for design only and do not relieve the contractor from compliance with the requirements of the drawings and specifications. This check is only for review of general conformance with the design intent of this project and general compliance with the information given in the contract drawings and specifications. The contractor is responsible for conforming and correlating all dimensions, quantities, selecting fabrication process and technical construction, and coordination with other trades and compliance with requirements of the contract documents. Review does not authorize changes to contract requirements unless stated in separate letter or change order.

Reviewed by:

Name

Signed off by:

Name

Title

Signature

Date

Date

111 John Street, Suite 200, New York, NY 10038
 t. 212-533-4145 f. 212-598-9028 www.rdh-architects.com

| | |
|--|------------------------|
| <input type="checkbox"/> Revise and Resubmit | Date Received: 9/17/18 |
| <input checked="" type="checkbox"/> Make Corrections Noted | Checked by: ML |
| <input type="checkbox"/> Rejected | Date Checked: 9/24/18 |
| <input type="checkbox"/> Approved | Submittal No. ROSA/4 |



SAUDI BINLADIN GROUP (ABC DIVISION) JEDDAH

ROSAFARM - PHASE # 2 RIYADH

AL-MAZEN INT. TRADING & CONSTRUCTION

BARR + WRAY

ROSAFARM SPA AREA PHASE # 2

Technical submittal for Vitality Pool



Hopkins Architects
Dubai

mace

SUF - 8764

WOODS
BAGOT
People Architecture

ASGC

CONTRACTORS SUBMITTAL

| | | | |
|-------------|-----------------------------------|-------------------------|---------|
| Project: | ONE CENTRAL PHASE 1A7 - H2B Hotel | Engineer: | Hopkins |
| Employer: | Dubai World Trade Centre | Engineering Consultant: | WSP |
| Contractor: | A S G C Construction LLC | Cost Consultant: | Mace |

| Discipline: | Civil | Struc | Mech | Elec | Arch | (Specify) | Transmittal Ref: | Rev. | Date: |
|-------------|-------|-------|------|------|------|-----------|------------------|------|------------|
| | C | S | M | E | A | SPL | WF- 8756 | | 1-Aug-2019 |

Type of Submittals:

| | | | | | |
|-------------------------|-------------------------------------|------------------------------|-------------------------------------|----------------|--------------------------|
| Method Statement | <input type="checkbox"/> | Schedule | <input checked="" type="checkbox"/> | Test Reports | <input type="checkbox"/> |
| Material Specifications | <input checked="" type="checkbox"/> | Health & Safety | <input checked="" type="checkbox"/> | Daily Report | <input type="checkbox"/> |
| Material Sample | <input checked="" type="checkbox"/> | Inspection & Test Plan (ITP) | <input checked="" type="checkbox"/> | Weekly Report | <input type="checkbox"/> |
| Prequalification | <input type="checkbox"/> | Construction Management Plan | <input checked="" type="checkbox"/> | Monthly Report | <input type="checkbox"/> |
| Shop Drawings | <input type="checkbox"/> | Quality Management Plan | <input checked="" type="checkbox"/> | | |
| Waste Management Plan | <input type="checkbox"/> | Design Calculation | <input type="checkbox"/> | | |
| Others | <input type="checkbox"/> | Details: | | | |

List of Submitted Items:

| Document No: | Rev. | Description | No. of copies |
|----------------------------------|------|--|---|
| P1A7-ASG - SPL - MAT - 0 0 0 1 2 | 00 | SPA @ Male Sauna, Female Sauna & Outdoor Sauna By ASI | <input type="checkbox"/> 1 HC <input type="checkbox"/> 1 SC |

| | | |
|----------------|--------------------------|------------------------------|
| Remarks | Sample Ref: | P1A7-ASG-SPL-SAM-00012 Rev.0 |
| Ref. Spec (s): | Ref. Dwg (s): | attached |
| STC Ref.: | P1A7-ASI-ID-MST-00007-00 | |

Compliance Statement: The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (compliance statement attached)

| | | |
|--|---|--|
| Head of Technical RAMY IBRAHIM Date: 18/19 | Deputy Project. QA/QC Manager Gamal Maghraby Date: 01-08-19 | Project Director MOHAMAD GAMAL Date: |
|--|---|--|

Reviewer's Comments:

| | |
|--|--|
| WSP (STR/MEP/FAC) A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> Name, Signature and Date Comments Sheets Attached? Yes <input type="checkbox"/> No <input type="checkbox"/> Engineer/Employer's Representative | ARCHITECTS A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> / INTERIOR DESIGN / SPECIALIST * USE 3 HINGES PER DOOR TO AVOID SAGGING. * MATERIAL SAMPLE APPROVED JASEEM REHMAN , 28-08-2019 Name, Signature and Date Comments Sheets Attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> 29-08-19 |
|--|--|

| | |
|-------------------|-------|
| Name & Signature: | Date: |
|-------------------|-------|

Note: The Engineer's/Consultants approval shall not in any way relieve the Contractor of his obligation under the Contract.
Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per the required Contract Conditions and Clauses

CONTRACTORS SUBMITTAL

| | | | |
|-------------|-----------------------------------|-------------------------|---------|
| Project: | ONE CENTRAL PHASE 1A7 - H2B Hotel | Engineer: | Hopkins |
| Employer: | Dubai World Trade Centre | Engineering Consultant: | WSP |
| Contractor: | A S G C Construction LLC | Cost Consultant: | Mace |

| Discipline: | Civil | Struc | Mech | Elec | Arch | (Specify) | Transmittal Ref: | Rev. | Date: |
|-------------|-------|-------|------|------|------|-----------|------------------|------|------------|
| | C | S | M | E | A | SPL | WF- 8754 | | 1-Aug-2019 |

| Type of Submittals: | | | |
|-------------------------|-------------------------------------|------------------------------|--------------------------|
| Method Statement | <input type="checkbox"/> | Schedule | <input type="checkbox"/> |
| Material Specifications | <input checked="" type="checkbox"/> | Health & Safety | <input type="checkbox"/> |
| Material Sample | <input type="checkbox"/> | Inspection & Test Plan (ITP) | <input type="checkbox"/> |
| Prequalification | <input type="checkbox"/> | Construction Management Plan | <input type="checkbox"/> |
| Shop Drawings | <input type="checkbox"/> | Quality Management Plan | <input type="checkbox"/> |
| Waste Management Plan | <input type="checkbox"/> | Design Calculation | <input type="checkbox"/> |
| Others | <input type="checkbox"/> | Details: | <input type="checkbox"/> |

| List of Submitted Items: | | | |
|----------------------------------|--------------------------|---|---|
| Document No: | Rev. | Description | No. of copies |
| P1A7-ASG - SPL - MAT - 0 0 0 1 4 | 00 | SPA @ Experience Shower 01 & 02 By ASI | <input type="checkbox"/> 1 HC <input type="checkbox"/> 1 SC |
| Remarks | | Sample Ref: | No Sample |
| Ref. Spec (s): | | Ref. Dwg (s): | |
| STC Ref.: | P1A7-ASI-ID-MST-00010-00 | | |

Compliance Statement: The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents. (compliance statement attached)

| | | | |
|--|---|--|--|
| Head of Technical RAMY IBRAHIM Date: | Deputy Project. QA/QC Manager Gamal Maghraby Date: 01-08-19 | Project Director MOHAMAD GAMAL Date: | |
|--|---|--|--|

| Reviewer's Comments: | | | |
|--|--|----------------------------|---|
| WSP (STR/MEP/FAC) | A <input type="checkbox"/> | B <input type="checkbox"/> | C <input type="checkbox"/> D <input type="checkbox"/> |
| ARCHITECTS / INTERIOR DESIGN / SPECIALIST | A <input checked="" type="checkbox"/> | B <input type="checkbox"/> | C <input type="checkbox"/> D <input type="checkbox"/> |
| Name, Signature and Date | Name, Signature and Date | | |
| Comments Sheets Attached? Yes <input type="checkbox"/> No <input type="checkbox"/> | Comments Sheets Attached? Yes <input type="checkbox"/> No <input type="checkbox"/> | | |
| Engineer/Employer's Representative | A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> | | |
| Name & Signature: | Date: 29-08-19 | | |

Note: The Engineer's/Consultants approval shall not in any way relieve the Contractor of his obligation under the Contract.
The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per the required Contract Conditions and Contract Clauses



mirage

KEO



MATERIAL SUBMITTAL

TRANSMITTAL NO : TAHP-ASI-MAS-INT-00014

DOCUMENT TYPE:

MATERIAL SUBMITTAL

REV: 1

Date

01/04/2020

To: KEO International Consultants

☒ SLD ☒

| | | | |
|--------------------------------------|--|---|--------------------|
| PROJECT The Address Harbour Point | OWNER / PROJECT MANAGER EMAAR / MLD | SUPERVISION CONSULTANT KEO INTERNATIONAL CONSULTANTS | CONTRACTOR ASGC |
| ARC | STR | MEP | ELE |
| ARC | STR | MEC | ELE |
| YES | NO | | |

SUSTAINABILITY DGBR MATERIALS REVIEW

WE ARE SENDING HERewith THE DRAWINGS / DOCUMENTS / SAMPLES LISTED BELOW FOR YOUR REVIEW.

| | | |
|---------------------------|-------------|----------------------|
| SPECIFICATION CLAUSE REF: | Included | Approval Required by |
| DRAWING REF: | Included | D D M M Y Y Y Y |
| MANUFACTURER | Various | D 0 4 2 0 2 0 |
| LOCAL SUPPLIER | Barr + Wray | |
| SUB CONTRACTOR: | M/s. ASI | |

| ITEM NO. | Document No | Rev. No | GENERAL DESCRIPTION AND REVISION DETAILS | NO. OF SAMPLES SUBMITTED | TYPE (i) | COPIES | ACTION CODE (ii) |
|----------|------------------------|---------|--|--------------------------|----------|--------|------------------|
| 1 | TAHP-ASI-MAS-INT-00014 | 1 | Material Submittal for Male & Female Steam Room @ SPA Public Area (VE Option) Submitted Samples: 1. Expanded Polystyrene EPS (Wall, Bench, Ceiling Structure) (Sample Used in Submittal Ref. TAHP-ASI-MAS-INT-00016-2, TAHP-ASI-MAS-INT-00018-1) 2. Steam Room Ceiling Finish (Sample Used in Submittal Ref. TAHP-ASI-MAS-INT-00016-2) 3. Steam Room Stainless Steel Bar Door Handle- Brush Finish (Sample Used in Submittal Ref. TAHP-ASI-MAS-INT-00016-2) | 3 | | | B |

We certify that the items submitted herewith have been reviewed in detail and are in strict conformance with the Contract Drawings and Specifications except as otherwise stated.

| | | | | |
|---------------------|--------------------------|----------------|-------------|-------------|
| Discipline Engineer | Technical Office Manager | QA/ QC Manager | MEP Manager | HSE Manager |
| | | | | |

CONTRACTOR :

DATE:

Hany Khatib 30/03

RECEIVED BY KEO :

DATE:

SLD REMARKS:

Approved with comments. See attached our response on comment resolution sheet.
Comply to GOCCO specs. and submit decorative surface finishes for ID review.

GOCO Comments- Status A Approved

COMMENTS BY KEO ENGINEER

DISC NO OBJECTION



| | |
|--|--------------|
| KEO International Consultants WLL | Date: |
| The Address Harbour Point | 15-6543-0000 |
| Plot A.005 Dubai Creek Harbour | |
| B Approved With Comments | |
| Corrections or comments made relative to submittals during this review does not relieve the contractor from compliance with the requirements of his contract, drawings and specifications. This review is only in respect of general conformance with the design intent of the project and general compliance with the information given in the Contract documents. The contractor remains responsible, among other things, for the design of the project or such parts of the project he has design responsibility for (if design forms part of the Contract), for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades, and performing his work in a safe and satisfactory manner, all in accordance with the Contract. | |

KEO Remarks : Status (B) - APPROVED with Comments.

- Contractor should comply with all SLD / GOCO comments on attachments.
 - Submit valid Dubai commercial trade license for the Engineers review and approval.
 - The submittal should be coordinated with Arch. / ID approved shop drawings.
 - Submit separately the Method statement for installation for Engineer's review and final approval.
 - Submit full mock-up at site for the Engineer's review and approval.
- (KEO review is limited to the SPA(Tech.), Fire & Safety, Acoustic, and Sustainability).

SIGNED BY SLD

DATE: 05.04.2020

Hassan Al Zagha

29.04.2020

NF

COMMENTS FROM PROJECT MANAGER/CLIENT

The Project Managers signature affixed to this approval and or consent in no way infers a design responsibility on the part of the Project Manager. The signature affixed is as an acknowledgment of the status of the consent and or approval provided by the Supervision Consultant and or his designate. The signature is affixed pursuant to Clause 2A.2 of the Conditions of Contract only -The Consultants decision is final. This signed document constitutes the written form dictated by the Conditions of Contract for such decision, approval or consent. This approval or consent in no way constitutes an instruction to amend the Contract

Name :

Signature:

Date:

Received with Status by ASGC (Please affix company stamp)

| | | |
|--|------------|-------|
| Name: | Signature: | Date: |
| (i) TYPE: SD: Shop Drawings SM: Sample GT: Guarantee MD: Manufacturer's Data CT: Certificates OT: Others | | |
| (ii) ACTION CODE: A: Approved ✓ Approved with Comments C: Approved with Comments & Re-Submit D: Not Approved E: Submitted for Information | | |



mirage

KEO

ASGC

ASI

MATERIAL SUBMITTAL

TRANSMITTAL NO :TAHP-ASI-DS-00017

Rev. No: 0

DATE : 27-Jun-2019

To: KEO International Consultants

| PROJECT | OWNER / PROJECT MANAGER | SUPERVISION CONSULTANT | CONTRACTOR |
|---------------------------|-------------------------|-------------------------------|------------|
| The Address Harbour Point | EMAAR / MLD | KEO INTERNATIONAL CONSULTANTS | ASGC |

SPECIFICATION CLAUSE REF: SLP1904-MAS-009

DRAWING REF: ADCHP-SLD-DWG-H01-02-INT-00001-PDF-C0

MANUFACTURER: Various

LOCAL SUPPLIER: M/s. BARR + Wray

SUB CONTRACTOR: M/s. ASI

Approval required by:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| D | D | M | M | Y | Y | Y | Y |
| 1 | 1 | 0 | 7 | 2 | 0 | 1 | 9 |

DESCRIPTION: Material Submittal of Ice Fountain @ Spa Public Area (VE Option)

DOCUMENT NO. TAHP-ASI-MAS-XAD-00017 REV. : 0

We confirm that the material hereby submitted is suitable for the conditions of use and conforms with the contract specifications and all applicable codes, standards and statutory requirements. Acceptance of this material submittal does not alter in any way whatsoever our contractual or common obligations and responsibilities. Where the submittal is in any way in variance with the specifications, such variations must be identified and brought to the attention of the Engineer or Engineer's representative on this form.

SUB-CONTRACTOR :

Mr. Mina Nabil

DATE & TIME : 27 June 2019 / 1pm

| | | | | | |
|---------------------|--------------------------|-----------------|-------------|-------------|----------------|
| Discipline Engineer | Technical Office Manager | QA / QC Manager | MEP Manager | HSE Manager | Spa Consultant |
| | | | | | |

RECEIVED BY KEO :

DATE & TIME :

REMARKS :

GOCO's Remark: No objection to B+W

Corrections or comments made relative to submittals during this review does not relieve the contractor from compliance with the requirements of his Contract, drawings and specifications. This review is only in respect of general conformance with the design intent of the project and general compliance with the information given in the Contract documents. The contractor remains responsible, among other things, for the design of the project or such parts of the project he has design responsibility for (if design forms part of the Contract), for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades, and performing his work in a safe and satisfactory manner, all in accordance with the Contract.

- ☐ A - Approved
☐ B - Approved with Comments
☒ C - Approved with Comments & Re-Submit
☐ D - Not Approved
☐ E - Submitted for Information

ACTIONED BY KEO :

DATE :

COMMENTS FROM PROJECT MANAGER/CLIENT

| | | |
|--|-----------|------|
| Name | Signature | Date |
| <p>The Project Managers signature affixed to this approval and or consent in no way infers a design responsibility on the part of the Project Manager. The signature affixed is as an acknowledgment of the status of the consent and or approval provided by the Supervision Consultant and or his designate. The signature is affixed pursuant to Clause 2A.2 of the Conditions of Contract only -The Consultants decision is final. This signed document constitutes the written form dictated by the Conditions of Contract for such decision, approval or consent. This approval or consent in no way constitutes an instruction to amend the Contract.</p> | | |
| Received with Status by ASGC (Please affix company stamp) | | |
| Name | Signature | Date |