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Interactive Water Plazas



Public Interaction

During the day, interactive sequencing nozzles act as magnets for children and adults who enjoy playing within or simply watching the activity.





Public Interaction

After dark, interactive water features transform into focal points where people can congregate and observe vibrant, theatrical shows of programmed water and light.



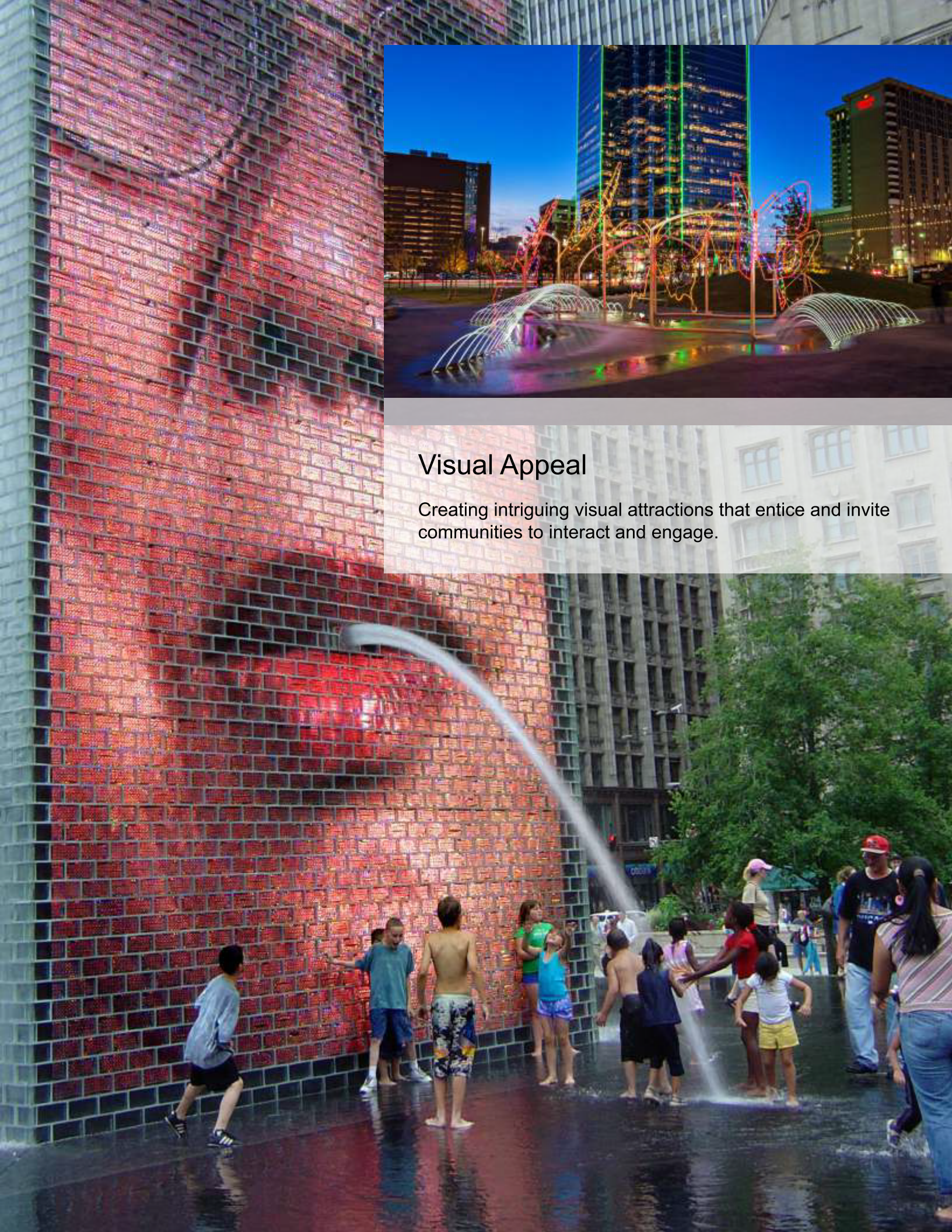


Lighting Effects

We help to illuminate water features with fully integrated LED lighting.

White lighting conveys an elegant character while colour-changing light promotes a dynamic and eye-catching show.





Visual Appeal

Creating intriguing visual attractions that entice and invite communities to interact and engage.



A Variety of Moods and Modes

Colours can soothe and promote calmness or they can arouse excitement and joy.

With the ability to match countless pantone colors, Crystal's designers can illuminate and program water features with specific shades like breast cancer pink or any hue that meets the individual needs of the location.

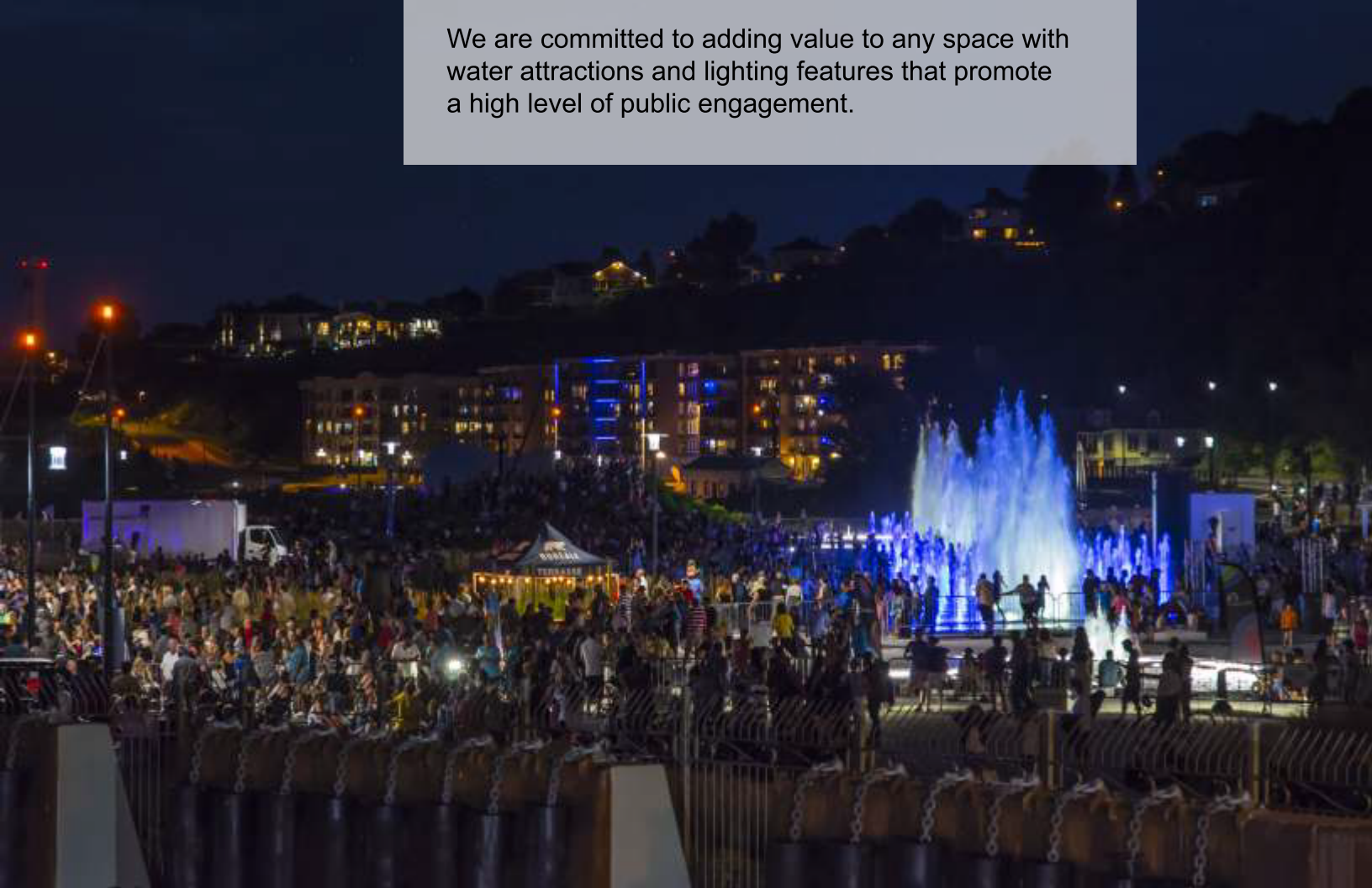




Dynamic Focal Point

Water features have been gathering spots for recreation and social interaction in communities since the earliest recorded features in ancient Egypt.

We are committed to adding value to any space with water attractions and lighting features that promote a high level of public engagement.



Crystal Fountain's Technical Process

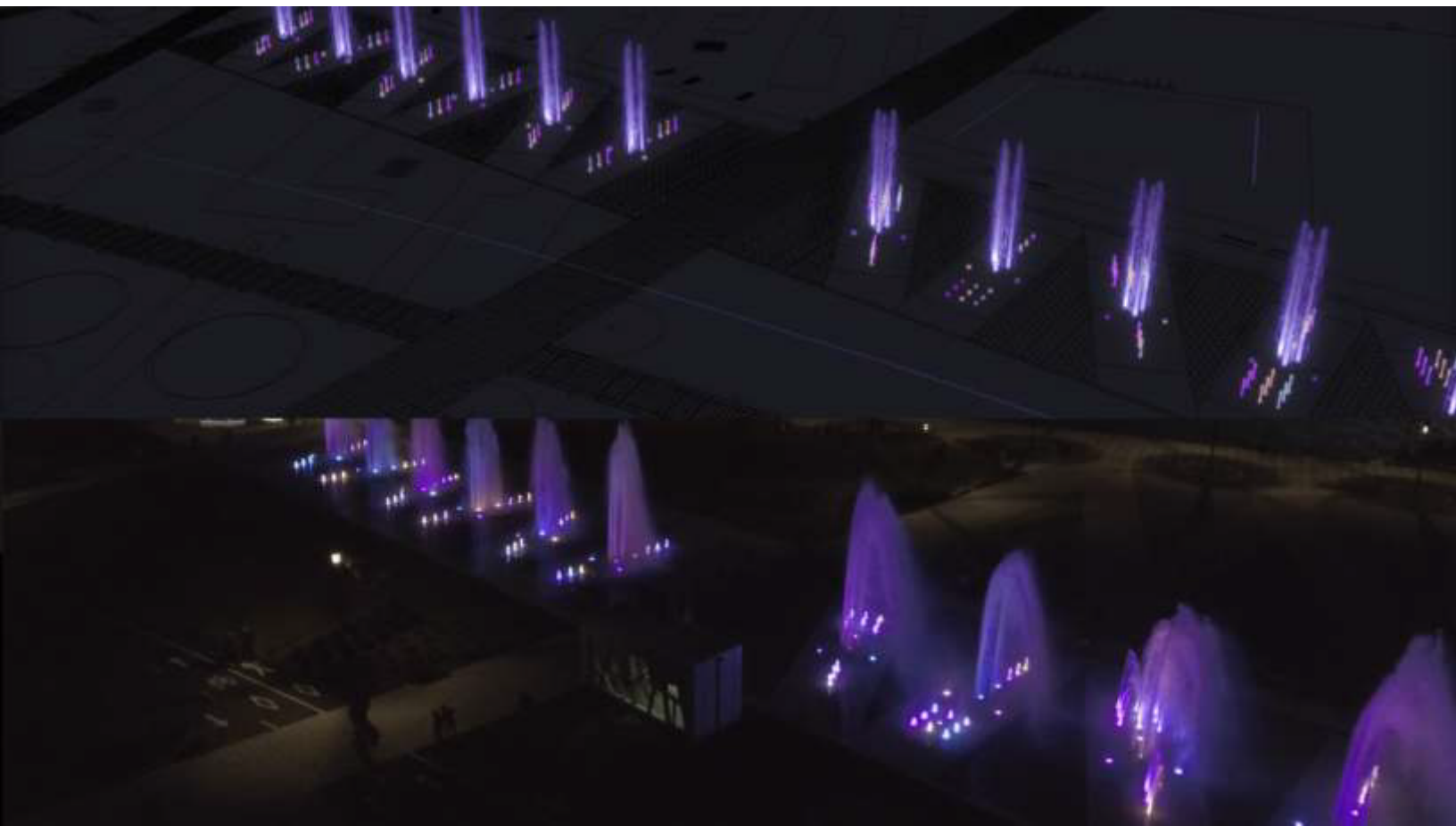
Test Pools and Digital Prototyping Mock-up Services

At Crystal, "innovation" is a significant part of our company directives. At our facility, we have capability of conducting formal mockups and digital prototypes which comprise 'proof of concept' including critical engineering data.



Digital Prototyping

CRYSTAL's proprietary WATERlab platform, which is unique in the industry, combines physics-based water simulation together with scientifically characterized nozzles and lighting to model the real behavior of water and create a fully programmable digital PROTOTYPE of your water feature.

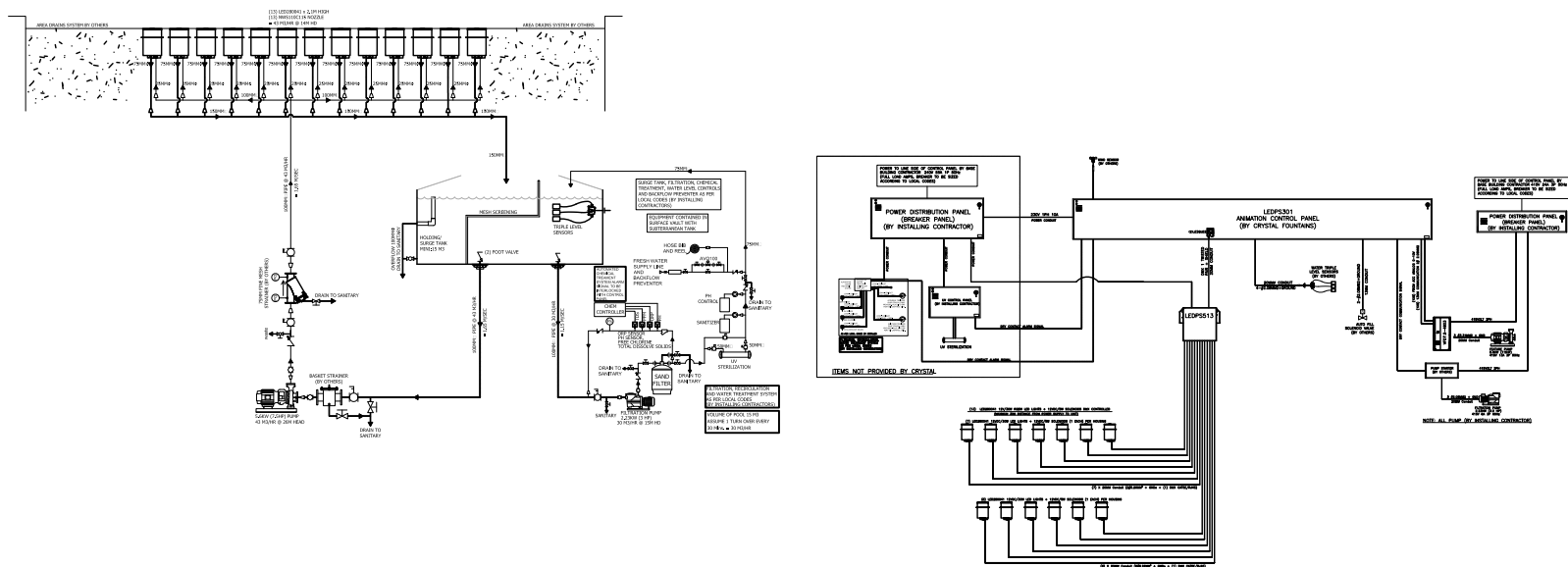




Demonstration of Schematics

Playscape Creations collaborate with Crystal Fountains to achieve dynamic interactive water features that bring value to communities throughout Australia, both day and night.

Crystal Fountains' technologies and expertise, coupled with Playscape Creations' engineering partnerships and superior design and construction capabilities results in seamless delivery of these complex construction projects.





Smooth from the start - support and collaboration

Concept Review

We help solve the challenges associated with water features, addressing any potential issues during the design stages.

Engineering Support

We provide assistance in terms of basic service requirements, space claim, risk management and specifications.

Budgeting Support

We help you to utilise known historical project data and developed mechanical, electrical supply and construction estimates.



Overcoming Challenges

Crystal's nozzles operate with low-voltage, 12VDC, to prevent public danger when compared to designing with submersible pumps.

Slippery Surface

Crystal applies slip resistant surfaces to ensure safety for all communities.

Water Flow

Crystal advises optimum metre/second heights. (For interactive play areas, it is advised not to exceed 6.1 metres/second or 13.8 US gpm(52.2 Lpm for NWS110C115)

Avoid Injuries

Crystal's square and round playdeck plates allow a maximum of 12.7mm opening on the Choreoswitch faceplate.

Sequencing Fountains

Crystal's Choreoswitch® technology is an exciting interactive unit that is also safe for interactive play.

The key feature of Choreoswitch® is the solenoid device that can produce fast sequencing effects at high switching speeds (up to 10x per second).

Versatility of Choreoswitches®

- Operates under 50/60 Hz AC signal for global applications.
- Multiple Choreoswitch® can produce a wide variety of geometric patterns.
- You can produce multiple heights using a variable speed drive pump.

Nozzle Options



Style and Application



Constant/Variable Flow

Constant/ Variable Flow Jets assembly is designed for poured or suspended deck fountains.

Adjustable to 5° variance during installation

Crystal's product design team select lenses and materials that maximize the efficiency, clarity and color distribution of the light

All LED's offer DMX dimmable lighting along with spot or flood options.

Full RGB, RGBW or Warm/Cool white.

Available in 3,5,20,30 and 60 watt options.

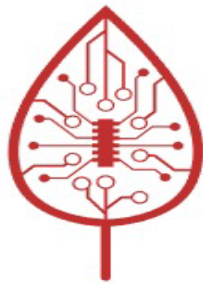
Nozzle Options



Style and Application



Global
Water Feature
Specialists



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KÜÇÜKBAKKALKÖY MAH. YÜKSEL SK. COŞKUN METAL APT NO: 5 İÇ KAPI NO: 7 ATAŞEHİR/ İSTANBUL