



## Stainless Steel Pool Installation at Seend Park, Wiltshire, UK

### Project Overview

**June 2025** - Wrightfield Pools were commissioned by **Clear Water Revival**, specialists in natural and chemical-free swimming pool filtration systems, to design, manufacture, and install a bespoke stainless steel swimming pool at Seend Park — a distinguished country estate set amidst rolling parkland in Wiltshire.

Featured in **Country Life magazine**, the property's careful restoration strikes a balance between historical charm and contemporary living, with a wellness-focused leisure offering that includes this discreet, contemporary pool as its centrepiece.

### A Historic Setting

Dating back several centuries, Seend Park is a Grade II listed house surrounded by formal gardens, paddocks, and mature woodland. While retaining its Georgian character, the estate's new wellness amenities — including a sauna, shower, and WC — were sensitively designed to integrate modern facilities without disturbing the historic fabric of the home.



## Why Stainless Steel?

The owners, working with Clear Water Revival, sought a pool that would offer clean, contemporary lines while complementing the understated elegance of the house and gardens. Stainless steel provided the perfect solution:

- **Aesthetic Harmony:** Its soft, grained, brushed finish subtly reflects the architecture and surrounding greenery, adding a sense of light and openness.
- **Technical Superiority:** Renowned for its durability and corrosion resistance, especially in wet leisure environments.
- **Seamless, Hygienic Construction:** TIG-welded joints form a continuous, watertight shell — hygienic, easy to clean, and visually flawless.

The result is a refined, contemporary feature that enhances the estate's leisure offering while remaining in keeping with its timeless character.

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Project Specification:</b>         | <p><b>Pool Size:</b> 13m x 4m</p> <p><b>Perimeter:</b> 33.4m</p> <p><b>Depth:</b> 1.4m (shallow end) to 1.6m (deep end)</p> <p><b>Material:</b> 316-grade stainless steel, grained brushed finish</p> <p><b>Type:</b> Freeboard pool with two skimmer boxes</p> <p><b>Lighting:</b> Eight LED underwater lights</p> <p><b>Access:</b> Two sets of in-wall steps with stainless steel hooped grab rails</p> <p>Additional Features: Concealed flooded alcove for automatic pool cover, plant room pipework integration, and ducting provisions</p> |
| <b>Construction and Installation:</b> | <p>The installation was carefully phased to coordinate with other estate works and preserve access to the landscaped grounds. The pool was prefabricated in sections at our UK manufacturing facility, designed for efficient delivery and minimal on-site disruption.</p>                                                                                                                                                                                                                                                                        |
| <b>Delivery and assembly:</b>         | <p>The prefabricated stainless steel pool sections — up to 6 metres long — arrived on-site complete with pre-fitted wall inlets, skimmers, and pipe connections. These were installed directly onto a cast concrete slab to accommodate the pool's weight and provide a flat, level base.</p>                                                                                                                                                                                                                                                     |

## Wall and Floor Installation:



Once positioned, the stainless-steel wall panels were secured to the slab using concealed fixings and supported by evenly spaced stainless steel buttresses. The perimeter freeboard system incorporated two skimmer boxes, ensuring precise water management and easy access for maintenance.

Next, the floor levels were screeded, surveyed, and prepared to receive the custom-fabricated stainless steel floor sections. The floor features two levels — a shallow end at 1.4 meters and a deep end at 1.6 meters — joined by a sloped transition. The prefabricated floor panels were laid directly onto the rendered base.



## TIG Welding and Water Testing:

All wall and floor joints were TIG-welded on-site to form a seamless, watertight shell with a polished or brushed finish. A 24-hour water fill and pressure test confirmed the integrity of the installation.

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Lighting and Services Integration:</b>                   | <p>The pool incorporated eight LED underwater lights mounted along the same wall as the skimmer boxes, ensuring uniform illumination. Service points included four pool returns, two main drains, and a dedicated vacuum point, discreetly integrated into the stainless-steel shell.</p>                                                                                                                                                                                                                                                                                                   |
| <b>Pool Cover and Access Features:</b>                      | <p>A concealed, flooded alcove at the deep end houses the automatic pool cover. This cover unrolls through a narrow slot within the stainless-steel end wall, preserving the pool's clean lines. Maintenance access to the alcove is achieved via removable stainless steel trays containing floor tiles, maintaining the aesthetic continuity of the surrounding floor.</p> <p>Two sets of in-wall steps, positioned diagonally opposite, provide access, each fitted with polished stainless steel hooped grab rails mounted on the finished floor.</p>                                   |
| <b>Surround, Plant Installations and Filtration System:</b> | <p>Following the pool installation, the perimeter was insulated and enclosed with blockwork, featuring integrated ducting for effective air management. A block-and-beam floor system was then constructed, followed by screeding and fitting of floor grilles.</p> <p>Subsequent phases included the delivery and positioning of the air handling unit (AHU) and air source heat pump (ASHP). The plant room was fully installed and commissioned to serve both the pool and the adjacent wellness facilities, including a bespoke sauna installation on a precisely levelled surface.</p> |



Another key component of the plant installation was Clear Water Revival's proprietary Mineral+Biome® filtration system. This cutting-edge, chlorine-free water management technology utilises a three-stage biofiltration process to remove nutrients and fine particulates while enriching the water with beneficial minerals, including magnesium, selenium, and zinc. Designed to be energy-efficient, low-maintenance, and chemical-free, the system ensures consistently clear, hygienic, and skin-friendly water, perfectly aligned with the estate's wellness-focused ethos.

The filtration equipment was seamlessly integrated into the plant room alongside other pool services, ensuring discreet operation without compromising the integrity of the estate's carefully restored interior spaces.

## Conclusion

This Seend Park project showcases how precision-engineered stainless-steel pools can enhance heritage properties by providing a discreet, contemporary luxury. The combination of meticulous planning, prefabrication, and expert installation ensured the pool integrates seamlessly into its historic setting while delivering state-of-the-art performance and aesthetics.



Working alongside our client Clear Water Revival, Wrightfield Pools delivered a high-quality, bespoke stainless steel pool solution designed to complement their advanced natural filtration system. The result is a beautifully engineered pool that not only enhances the estate's leisure offering but also embodies a blend of modern elegance and timeless heritage.

**About Wrightfield Pools** - Our stainless steel pools and moveable pool floors are designed to meet the specific needs of each facility, ensuring maximum usability and safety while maintaining compliance with all relevant standards. For more information, please call **01379 872800** or email [sales@wrightfieldpools.co.uk](mailto:sales@wrightfieldpools.co.uk)