

**BUILDING
BETTER POOLS**

innovez
engineering

**STAINLESS
STEEL
SWIMMING
POOLS**

BETTER BUILD
SUPERIOR QUALITY
LONG-TERM DURABILITY

OVERVIEW: STAINLESS STEEL POOLS

Stainless steel construction provides highly customisable aquatic systems that are steeped in quality and easy to maintain.

Pool shells are fabricated from high-grade, low carbon type 316 stainless steel, offering optimal life expectancy for the facility. Strong yet flexible, stainless steel can be manipulated into virtually any shape and design. With a custom panel system, stainless steel pool connections are welded for absolute water tightness and will remain leakproof for its lifespan.

Stainless steel pools are pre-engineered with all its components pre-fabricated and partially pre-assembled off-site. This minimises on-site labour and creates a building process that is precise, quick and effective.

Unlike conventional building systems, stainless steel construction ensures that the pools do not crack, shrink, peel, spall or become porous. When used in a proper pool environment and installed by professional pool specialists, a stainless steel pool will easily last decades.



Les Maison Nassim, Singapore

BENEFITS OF STAINLESS STEEL

Strong and Light

Stainless steel has high strength-weight ratio. This makes it both durable and lightweight, making stainless steel ideal for design and engineering challenges. With stainless steel, the demand on structural supports and foundations becomes less rigorous.

Leakproof

Stainless steel does not crack or deteriorate. Connecting joints are welded for a water tight pool enclosure.

Low Maintenance

Maintenance is minimal as stainless steel is durable and leakproof. This reduces longterm expenditure that is typically incurred with expensive repairs and rectification works.

Fast to Construct

Off-site pre-engineering and pre-fabrication enables better construction management on-site, as well as a shorter building process.

Flexible

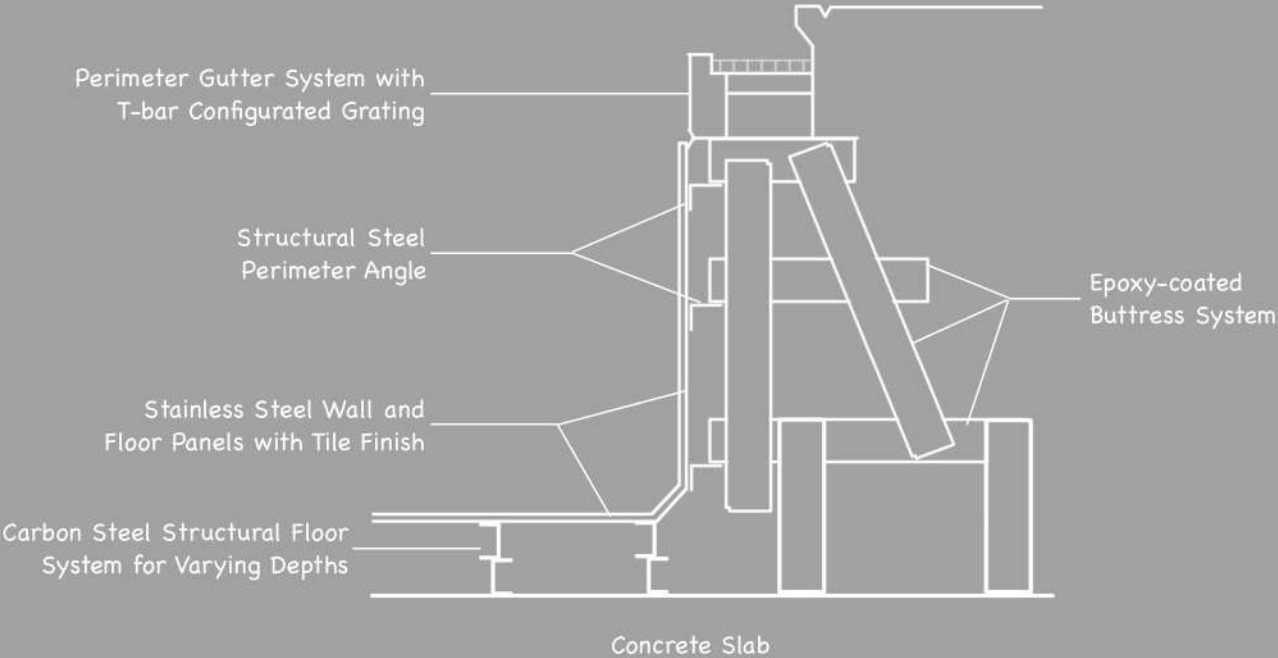
While stainless steel is strong, it is not rigid. Its flexibility accommodates design possibilities and overcomes structural tensions from gravity and wind movements.



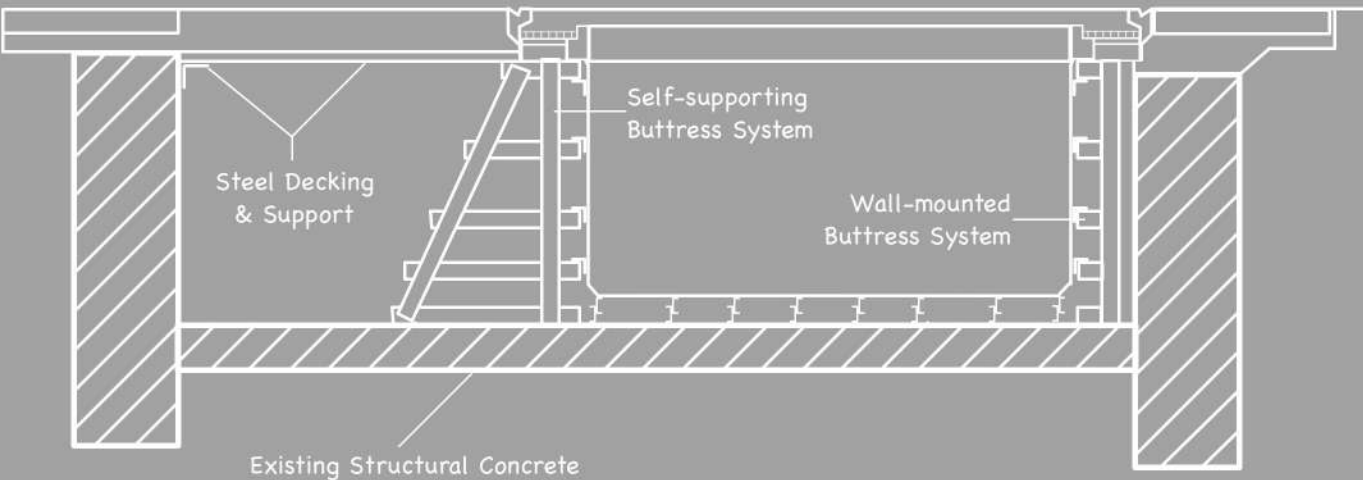
21 Carpenter, Singapore

STAINLESS STEEL AQUATIC SYSTEMS / TECHNICAL OVERVIEW

CROSS SECTION / STAINLESS STEEL POOL SYSTEM WITH BUTTRESS SUPPORT



CROSS-SECTION / TOTAL PROFILE VIEW OF STAINLESS STEEL POOL SYSTEM





The American Club, Singapore

Innovez Engineering is a pioneer in the construction of stainless steel pools and water features in Asia. In 2010, Innovez Engineering successfully completed the world's longest elevated pool - the 150 metre long SkyPark Pool on 57th floor of the Marina Bay Sands in Singapore.

Innovez Engineering offers a wide selection of products, alongside engineering know-how and construction expertise to deliver quality building projects. From large-scale commercial pools to alteration and addition works for residential properties, Innovez Engineering is committed to delivering quality, value and efficiency. Through an emphasis on technology and innovation, we tackle building challenges and develop solutions that meet our clients' objectives.

At Innovez Engineering, we believe in pushing the envelope of architectural design and are committed to investing in cutting-edge solutions that help us better translate these designs from paper to reality.

Innovez Engineering

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