

CASE STUDY

PROJECT Two-stage regeneration of Swanwick Marina for Premier Marinas

LOCATION Swanwick Marina, River Hamble, Hampshire

At Premier Marinas' Swanwick Marina on the River Hamble, Walcon redesigned and replaced the complete on-water infrastructure. The new layout provides berths for 333 sailing and motor yachts, with access and berthing details matched to the vessel mix and a coordinated finish throughout.

The regeneration was delivered in two phases. Piers A to D were replaced over winter 2018–19, before Walcon returned in October 2019 to complete Piers E to G.

COORDINATED WITH DREDGING

The second phase began with the removal of Pier E and its piles. Once dredging was complete, Walcon installed the replacement piles and pontoon, linking it to the central access bridgehead on Pier D. Piers F and G followed, together with a second access bridge and a separate bridge for marina operatives.

DESIGNED AROUND THE BOATS

Each finger pontoon was matched to the specified length of the boats it would serve. This supports transfers between the pontoon and the stern platforms of motorboats, making the arrangement safer and more convenient for berth holders and crews.

PRACTICAL DETAILS THROUGHOUT

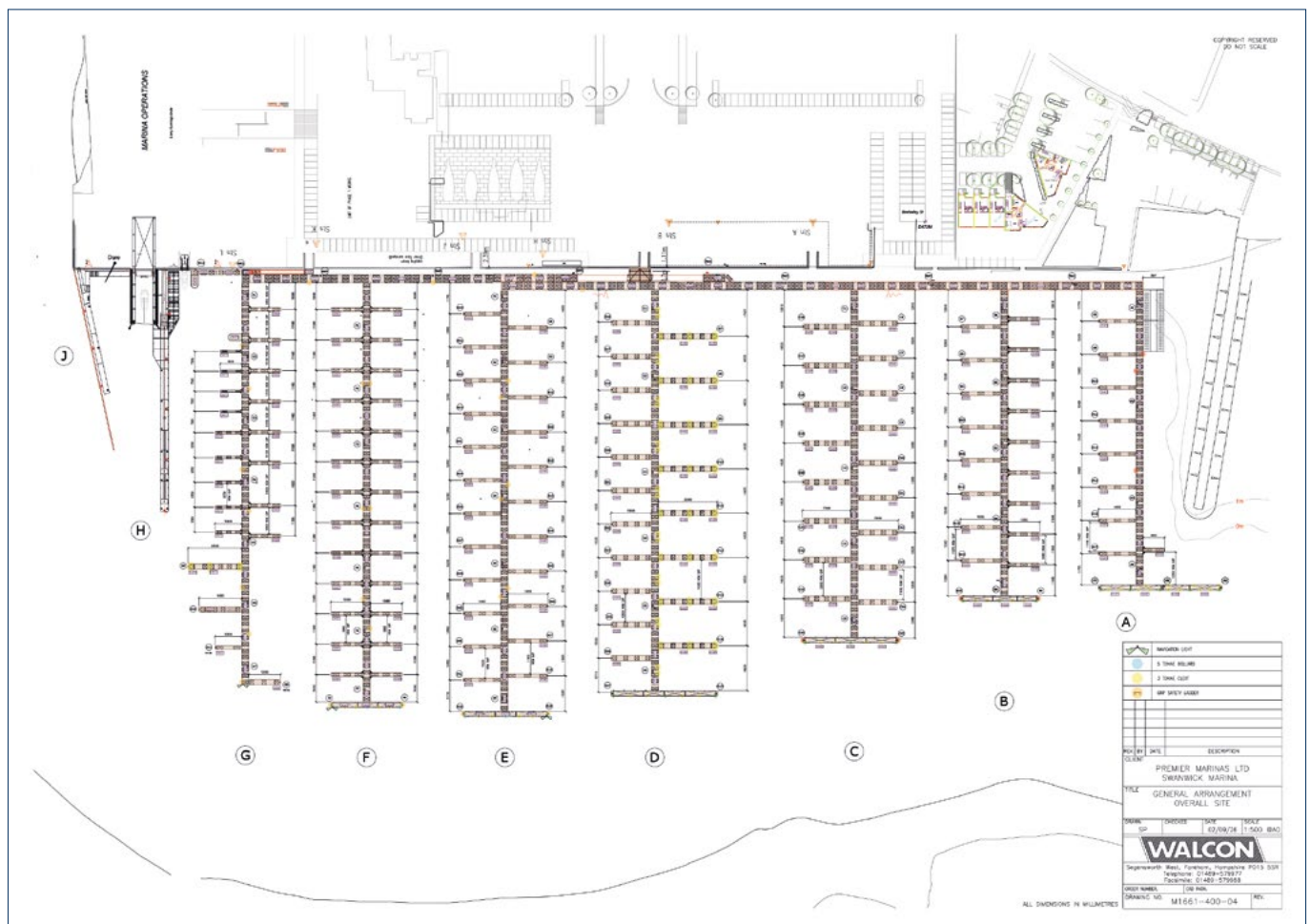
Walcon demolished and removed the previous infrastructure, completed the piling with its road-transportable rig and installed System 2000 walkways and finger pontoons. The pontoons were manufactured at Walcon's principal factory, a short distance from Swanwick.

The completed marina was first shown to the public when Swanwick hosted the British Motor Yacht Show from 1 to 9 August 2020.



PROJECT AT A GLANCE

Client	Premier Marinas
Core scope	Complete redesign and replacement of Swanwick Marina's on-water infrastructure
Capacity	Berths for 333 sailing and motor yachts
Phasing	Piers A to D in winter 2018–19; Piers E to G from October 2019; completed in 2020
Pontoon system	System 2000 walkways and finger pontoons
Access	Central access bridgehead on Pier D; second access bridge and marina operative bridge installed during the final phase
Key details	Boat-length-matched finger pontoons; wrap-around finger-end and lateral fenders; composite duct covers
Walcon scope	Demolition and removal, piling, manufacture and installation
Additional work	Extra pontoons added to the dry-stack berthing arrangement



Founded in 1963, Walcon Marine designs, manufactures and installs engineered marina and harbour infrastructure in the UK and internationally. With more than 100,000 berths delivered in more than 30 countries, Walcon combines engineering expertise, specialist equipment and in-house installation capability to build for long-term performance.