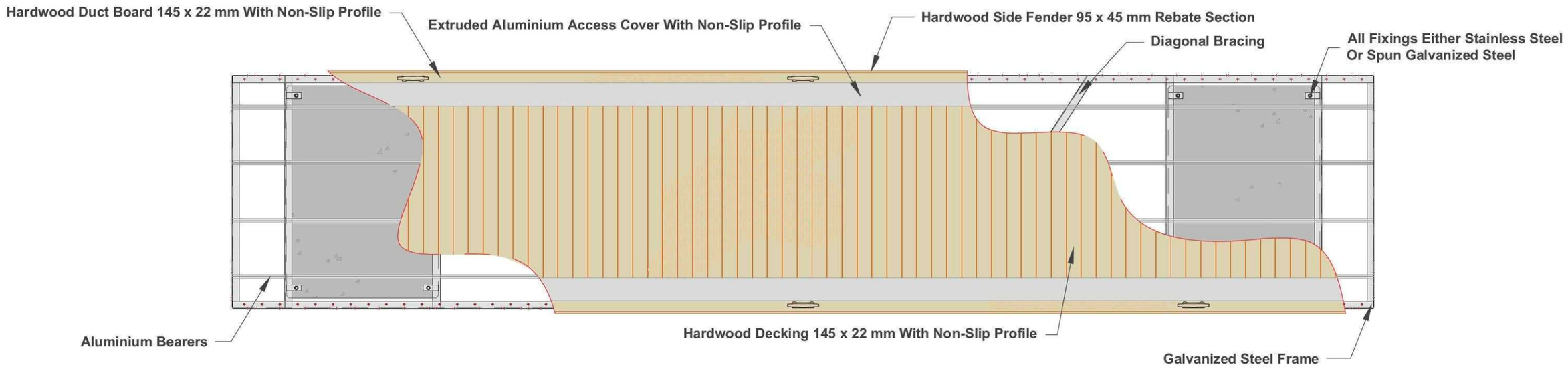
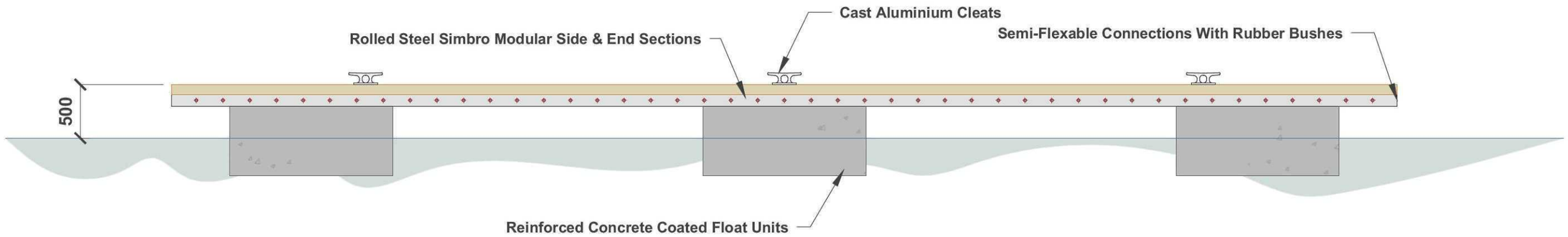
Plan View :



Side Elevation :



The Simbro System

The system is designed for maximum service life with minimum maintenance requirements. The frame is fabricated from S275 EN 10025 steel channel and angle with diagonal bracing for torsional stiffness. To ensure accuracy, the frame is welded together in a jig before the whole structure is hot dip galvanised to BS EN ISO 1461.
Decking is of hardwood planking (145 x 22 mm) planed and grooved to give a non - slip finish. Fender/rebate sections are of profiled hardwood (95 x 45 mm). Deck fixing screws are of stainless steel, all other bolts are galvanised. The pontoons are connected by 4 neoprene rubber bushes at either end, through bolted to the frame. Backing plates are welded to the frame where local re-enforcement is required. Extruded aluminium bearers provide the support for the decking.

Specification

Item	Description
Deck Length	11,485 mm
Deck Width	2,430 mm
Joint Gap	15 mm
Number Of Floats	3
Live Load	2.00 Kn/M²
Float Size	2,130 x 1,525 x 700 mm
Total Weight	3,063 Kg
Free-Board	500 - 550 mm

Materials List

Item	Description
Frame	S275JR EN 10025 Steel Galvanized To BS EN ISO 1461
Bearers	Extruded Aluminium Bearer Section
Side Fender	95 x 45 mm Hardwood Typically Yellow Balau
Duct Board	145 x 22 mm Hardwood With Anti-Slip Finish
Deck Board	145 x 22 mm Hardwood With Anti-Slip Finish
Duct Cover	Extruded Aluminium Duct Cover Section
Floats	Fibre Reinforced Concrete Coated Float Units
Cleats	Cast Aluminium Cleats
Fixings	Stainless Steel Screws, Other Fixings Galvanized Steel
Con. Bushes	Neoprene Bushes To Allow Semi-Flexible Connections

CLIENT	DRAWING.	DRAWN BY	SCALE	DATE
Typical Simbro Pontoon 11.5 x 2.5 M	Typical Pontoon	OP	1:40 @ A3	14/04/10
	DRAWING NO./REV: SBR-11.5 x 2.5-PR01-000	APPROVED BY: x.x.	TYPE: Promotional	

Solent Marine Ltd.

Simbro

REV	BY	DATE	DESCRIPTION

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