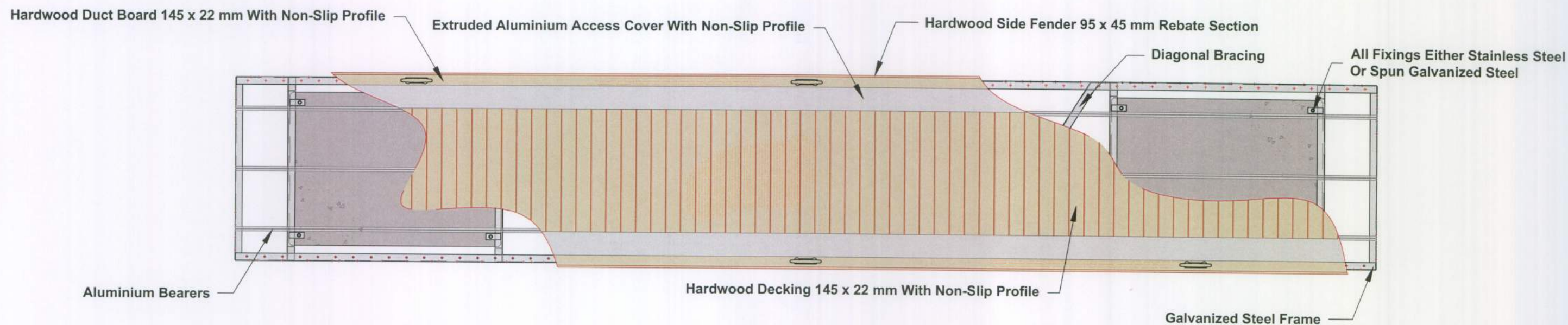
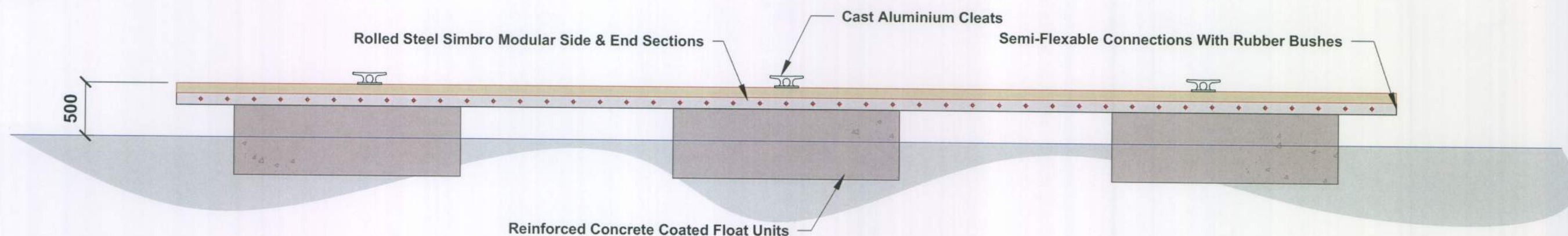


Plan View :



Side Elevation :



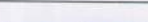
SIMBRO Pontoon System:

- * Mooring fingers and pontoons located at 125 mm intervals to allow any orientation and layout.
- * The new pile brackets can be positioned at 50 mm intervals.
- * Facility for mooring cleats every 180 mm.
- * Unique aluminium bearer design supports the deck and completely protected by neoprene rubber to isolate corrosion.
- * Large top entry service ducts provided on both sides of the walkways to allow easy provision of services to the berthing areas.
- * Specially designed and developed glass fibre reinforced concrete floats providing an exceptional buoyancy level of upto 2.5kn/m² - higher than recommended standards.

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 galvanized 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.

Materials List

Item	Description
Frame	S275 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 Typical Simbro Pontoon 11.5 x 2 M	DRAWING. Typical Pontoon	DRAWN BY OP	SCALE 1:40 @ A3	DATE 20/08/10	 Solent Marine Ltd.		REV	BY	DATE	DESCRIPTION		
	DRAWING NO./REV SBR-11.5 x 2-PR01-000	APPROVED BY x.x.	TYPE Promotional									
Hanger 2A, Universal Marina, Crableck Lane, Southampton, SO31 4NN					Tel: 01489 577 177		Fax: 01489 557 574		Website: www.solentmarine.com		Copyright © Solent Marine Ltd.	