

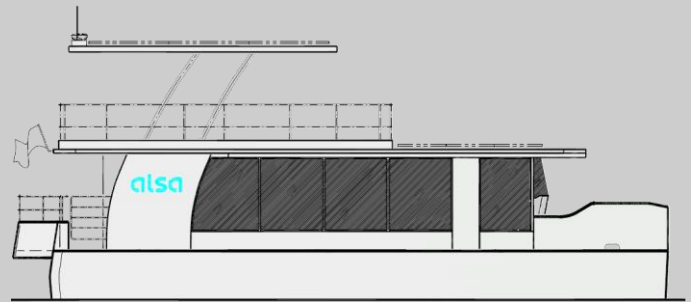
MAIN PARTICULARS

- Length overall:	14.80m
- Length between perpendiculars:	13.72m
- Beam:	5.90m
- Design draught:	0.88m
- Scantling draught:	1.00m
- Displacement:	26820kg
- Max. power:	2x 50kW
- Max. speed:	9kn
- Cruise speed:	6kn @ 80% MCR
- Passengers:	84pax
- Crew:	2pax
- Fresh water:	215L
- Black/grey water:	500L



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C2 | 063 – METALTEC NAVAL EMBARCACIÓN APB

This aluminium catamaran vessel is the big brother of the ECOCAT 2.0, both fabricated by METALTEC NAVAL SHIPYARD in Spain.

This particular cat has a full electric propulsion system, which allows the vessel reach top speed of 10kn under a 5h range.

The vessel has two habitable zones, one as main deck and the second one at the fly deck. In total, the vessel has capacity for 84 passengers and two crew members, all of them with their individual seat.

In the main deck, there are two open areas located aft and forward the superstructure. Through the aft area is located a PRM adapted WC and also the embarkment and dismemberment points.

In this area there are also the stairs which communicate the two decks. Under these trunks is where the accesses to the engine rooms are located trying to maximize the space for passengers.

At the forward side of the superstructure is where the pilot seat is arranged. This area is 300mm above main deck in order to guarantee a good visibility of the sailing area. In this way, the superstructure is designed with full 360° vision.

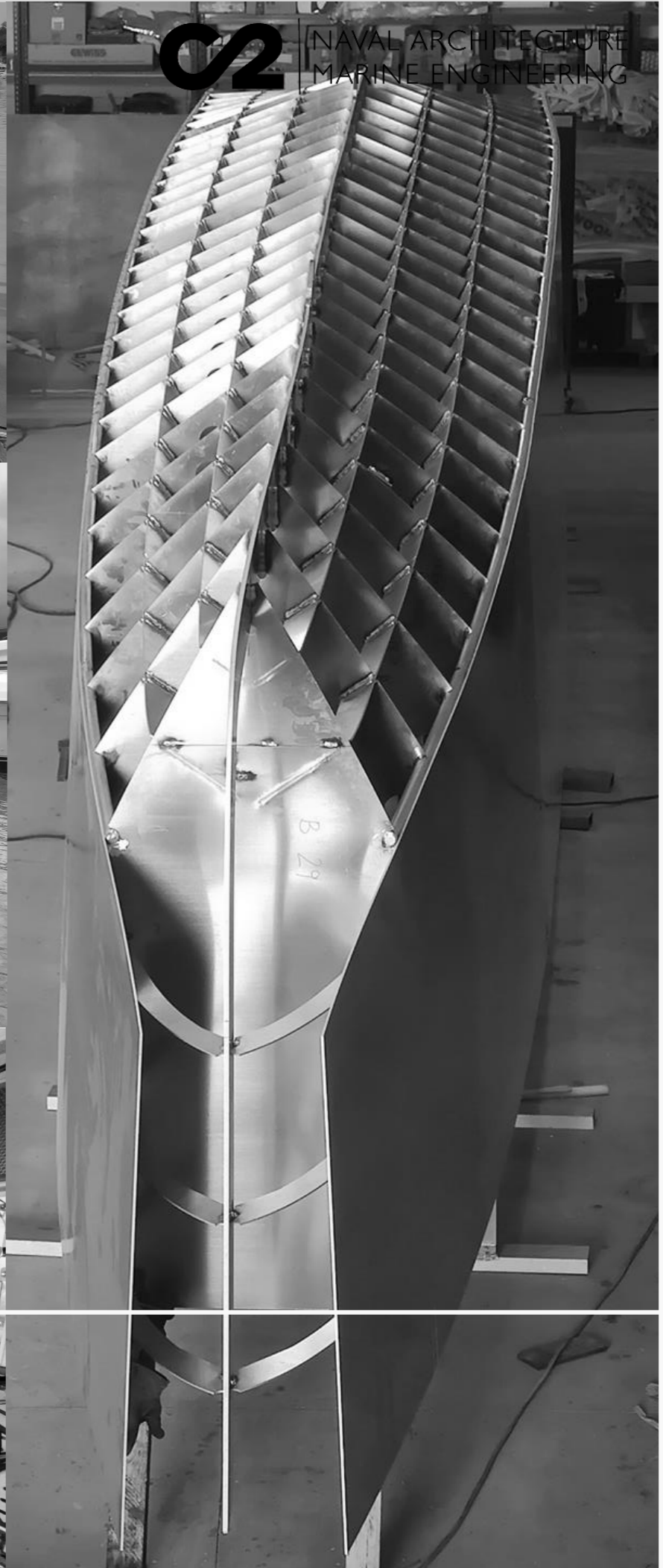
The forward area is also accessible for passenger but is mainly designed to perform a safety mooring and anchoring works.

Regarding to the maneuverability the vessel is equipped with two main propulsion lines plus two side thrusters located forward. All of them, allows to the vessel to

have a good maneuverability.

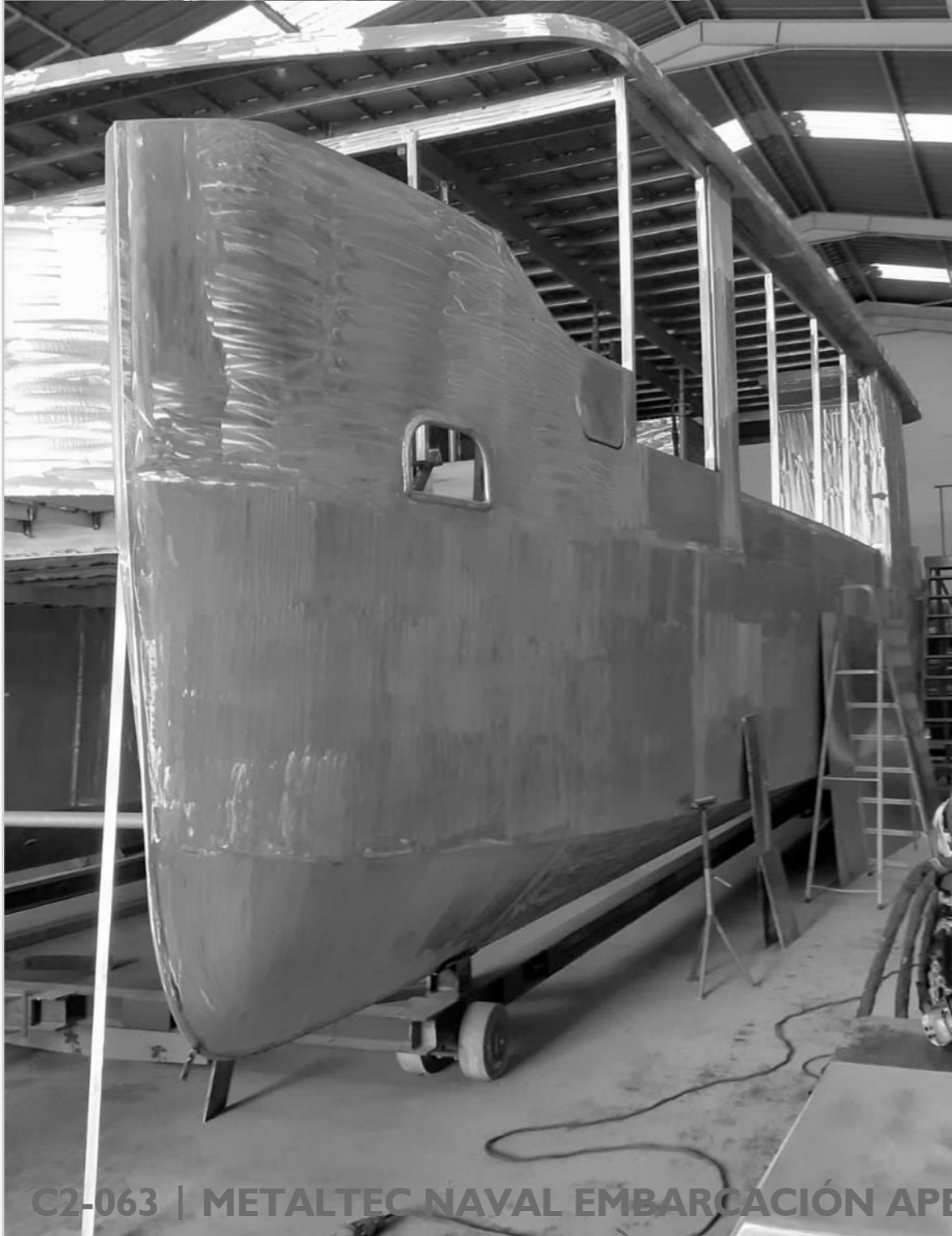
The vessel is equipped with two set of batteries with a capacity of 1.0kWh plus 9 solar panels with the aim to supply the required electric power to the different consumers onboard during sailing.

As an option, the vessel has designed a hard-top where 15 solar panels could be installed in order to get more efficiency in terms of electrical generation.

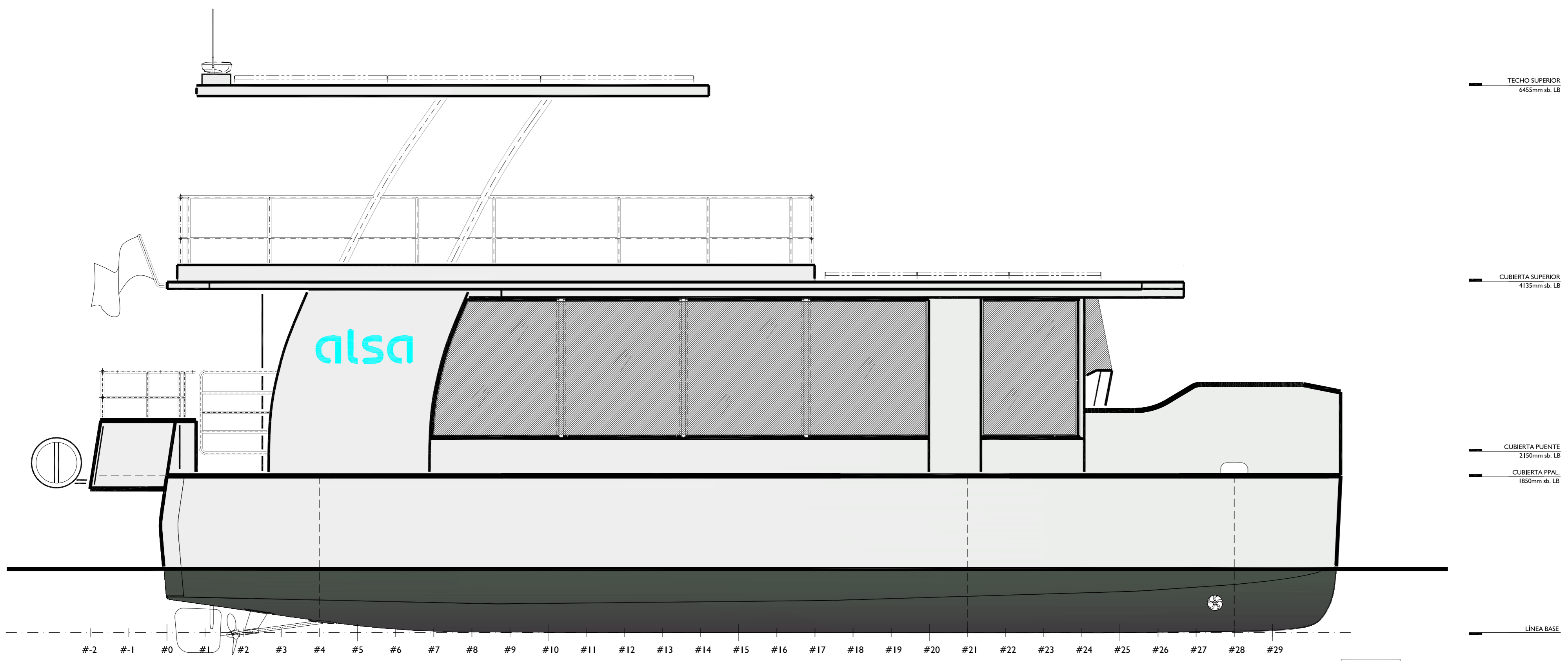


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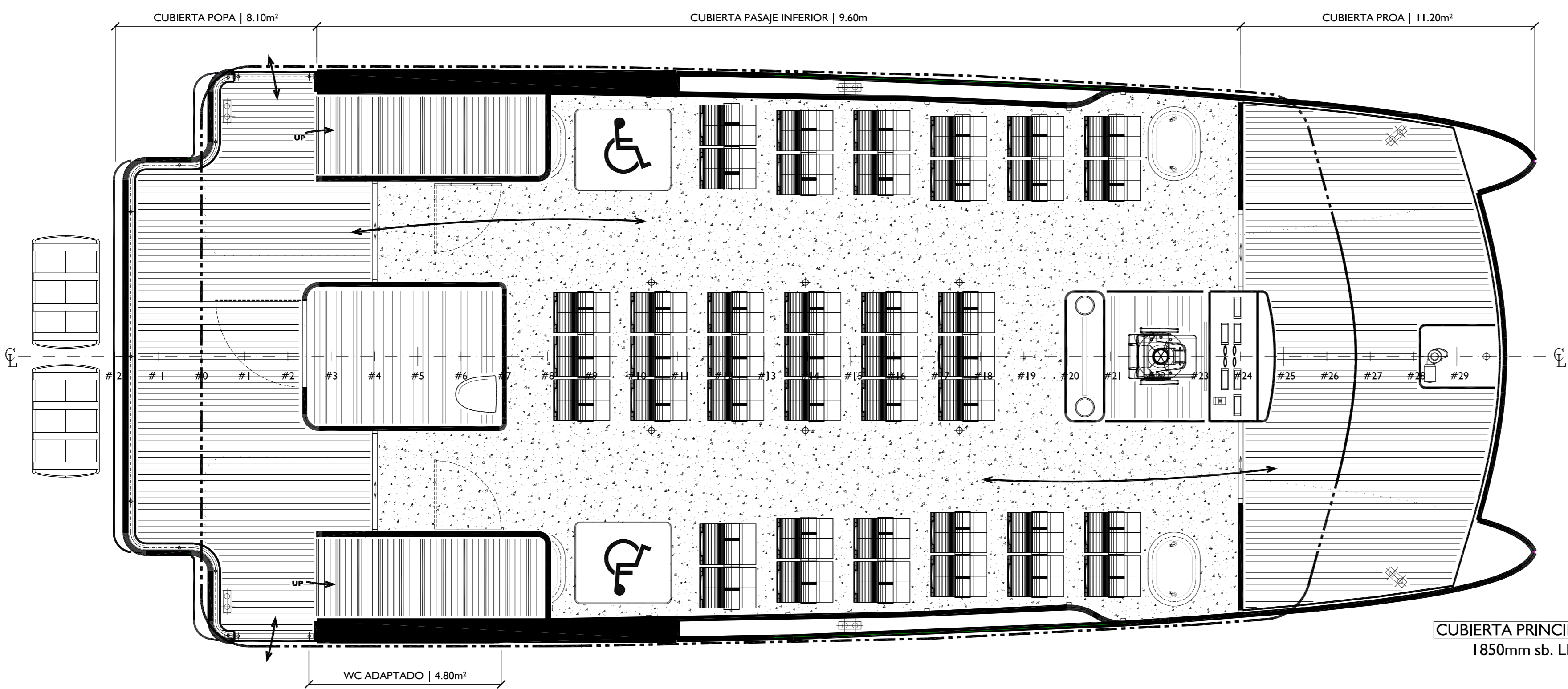
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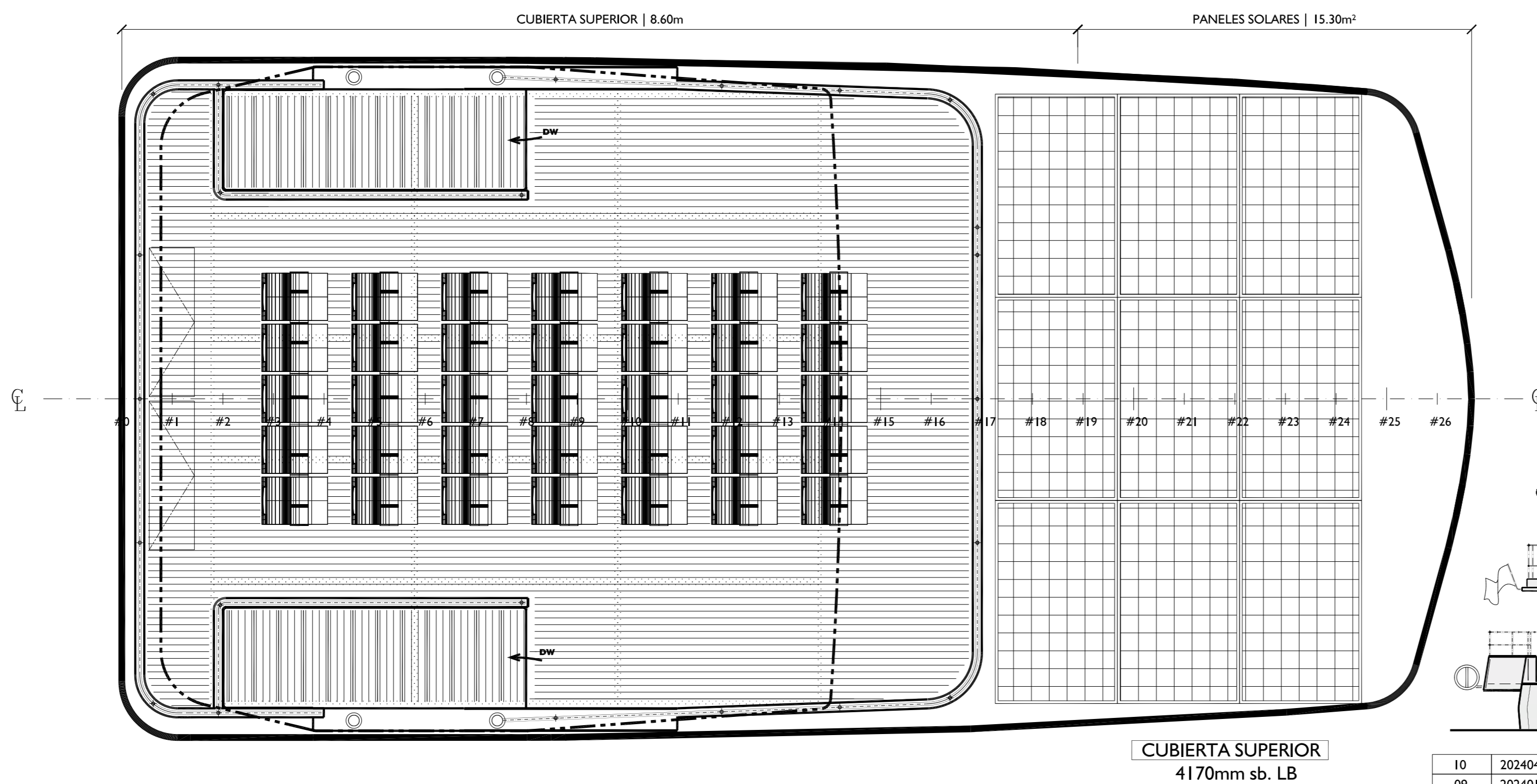
C2-063 | METALTEC NAVAL EMBARCACIÓN APE



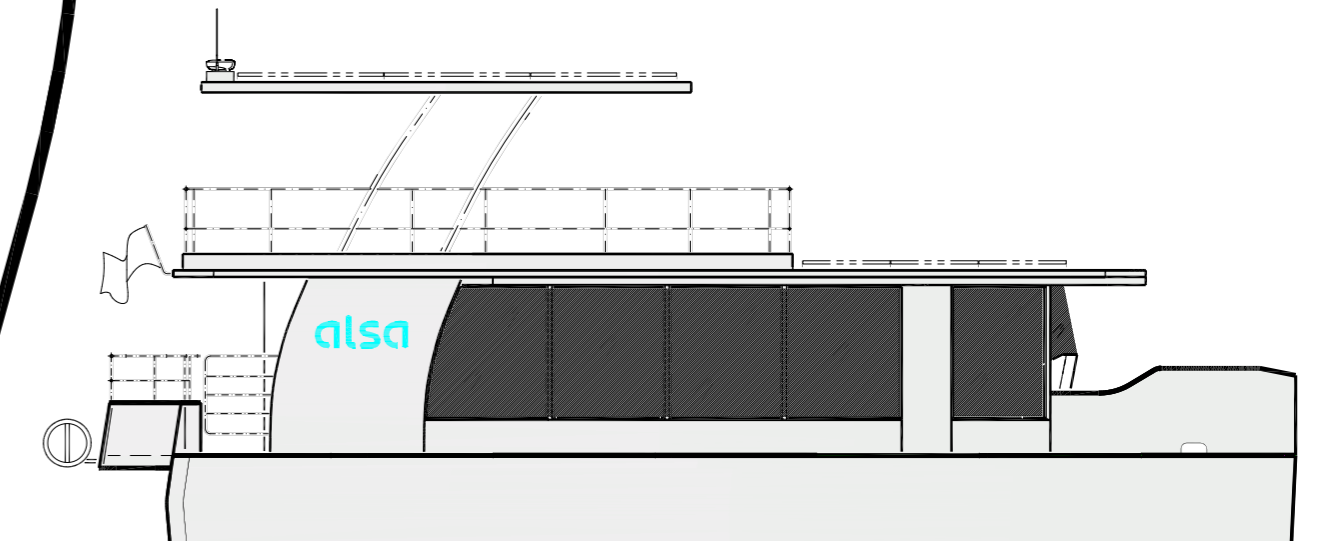
PERFIL



CUBIERTA PRINCIPAL
1850mm sb. LB



CUBIERTA SUPERIOR
4170mm sb. LB



CARACTERÍSTICAS PRINCIPALES

Eslora reglamentaria	13.70m
Manga	5.90m
Altura	6.53m
Calado de diseño	0.88m
Calado de escantillonado	1.00m
Desplazamiento (Td)	26820kg
Pasajeros	84
Cub. Principal	42
Cub. Superior	42
Tripulación	2
Velocidad máx.	7.0kn
Velocidad de crucero	6.0kn
Agua dulce	1x 215L
Aguas grises / negras	1x 500L

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Rev.	Date	Made by	Date	Approved by	Description
10	20240422	MCC	20240422	MCC	Características principales actualizadas
09	20240131	MCC	20240131	MCC	Actualización según comentarios Astillero
08	20240126	CRA	20240126	MCC	Actualización reinicio de Proyecto
07	20220331	CRA	20220331	MCC	Actualización plano según avance del Proyecto

Project	063	METALTEC NAVAL
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