

Cleghorn Mfg. Co. Pvt. Ltd.

34, Orphangunge Road, Kidderpore, Kolkata – 700 023

SPECIFICATIONS OF 5.4 M F.R.P MOTOR BOAT



MODEL

MERLYN



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Merlyn with Foldable Stainless steel/ Aluminum structure called Bimini Top

MODEL

MERLYN

DIMENSIONS :

LENGTH	:: 5.4M
BREADTH	:: 1.9M
HEIGHT	:: 0.9M
DRAFT	:: 0.38M
WEIGHT	:: 570 Kgs. without OBM.
PAY LOAD	:: 6 - 8 Person.
CONSTRUCTION	:: Fiberglass Reinforced Plastic.
REINFORCEMENT	:: Quality chopped strand Matt and Woven Roving
MATRIX	:: Isophthalic Polyester Resin Boat grade integrally coloured.
FRAMING	:: Internal stiffener with FRP frames filled with P.U. Foam.
BUOYANCY	:: P.U. Foam of 40 Kg/m ³ density.
DECK	:: Fiberglass reinforced plastic
FITTINGS	:: All Aluminum Alloy/Stainless Steel 316.
FENDER	:: Rubber fender.
POWER	:: 40HP-90HP Mercury/Yamaha/Suzuki/Tohatsu outboard.
SPEED	:: 8-22 Knots depending on the power
FUEL CONSUMPTION	:: 8 litres-20 litres per hour depending on the Power, Load and throttle.
CANOPY	:: Provided at an additional cost

THE FOLLOWING WILL BE SUPPLIED ALONG WITH THE BOATS :-

- | | | | |
|----|-----------------|----|--------|
| 1. | Cleats. | :: | 4 Nos. |
| 2. | Towing Bollards | :: | 1 Nos. |

Description :-

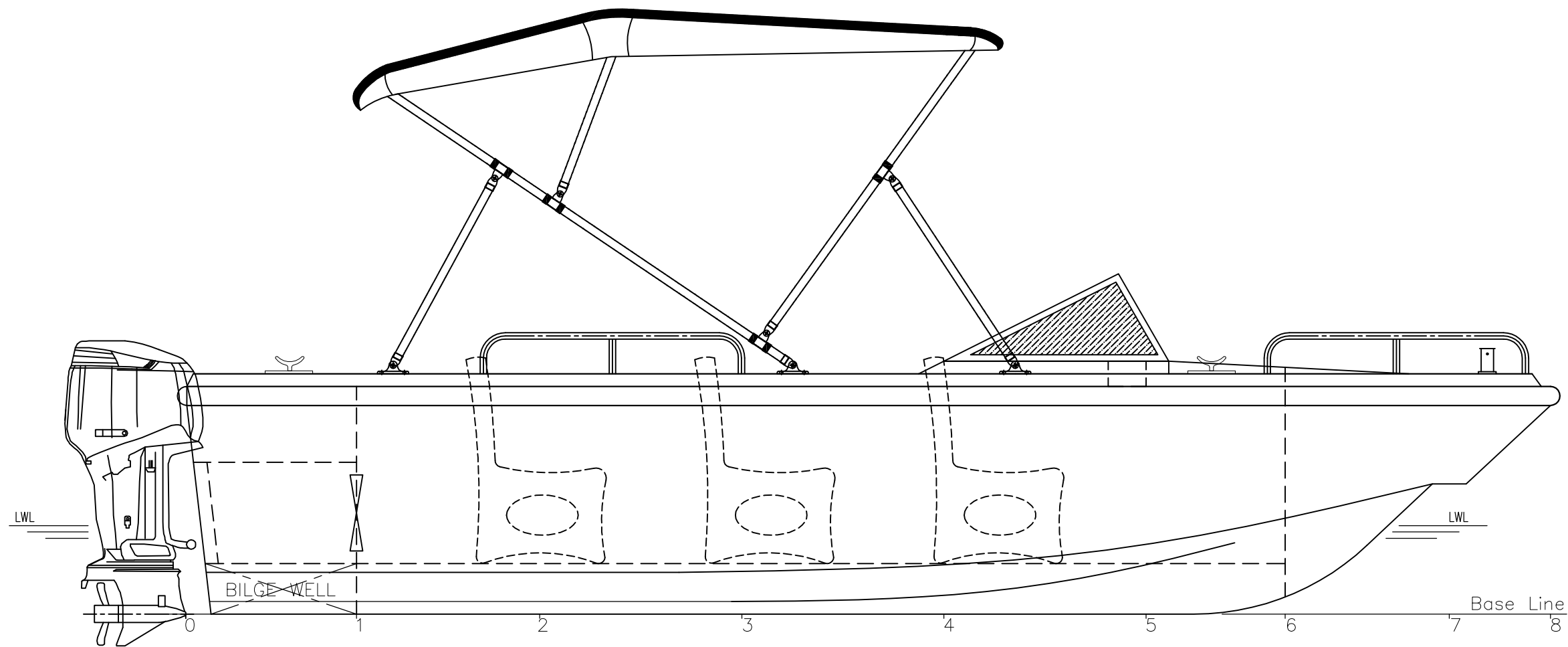
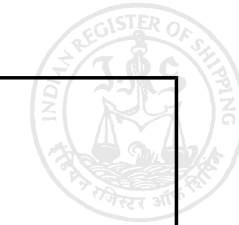
The FRP hull is built in an Air Conditioned Mold room at controlled temperature and humidity, which is free from dust and particles.

IRS approved **Isothalic Resin** along with **IRS approved Glass fibers** of type **300 CSM, 450 CSM and 610 WR** will be used in the construction of the boat.

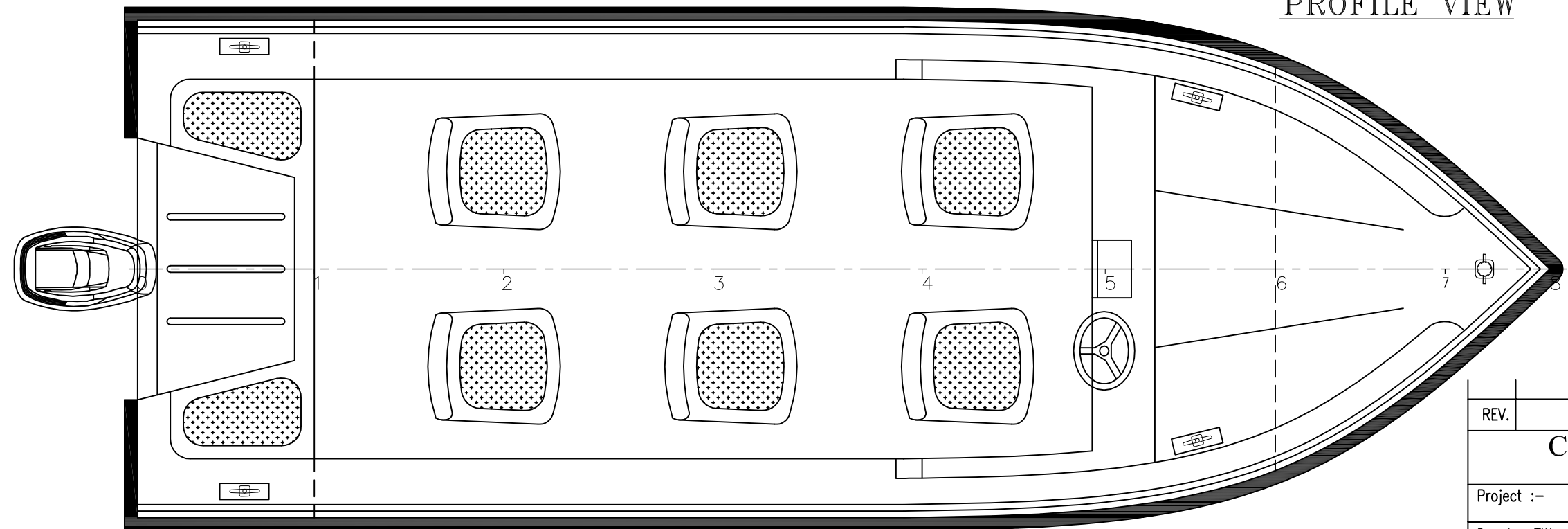
The boat will be double bottom, where the area below the floor is filled with PU foam and storage space will be provided in the boat for stowage of Life saving appliances.

The following items can be provided at an Extra Cost :-

1. M.S/Stainless Steel Tubular fixed structure with canvas canopy or Foldable SS Canopy
2. Indian Register of Shipping Certification maximum capacity 6 persons
3. 12V Electrical Bilge Pump
4. OBM (Engine)
5. Steering System
6. 12V Battery
7. 12V Horn
8. Search Light, Navigation Light
9. Cabin lights
10. GPS cum EchoSunder
11. Life Jacket
12. Life Buoy



PROFILE VIEW

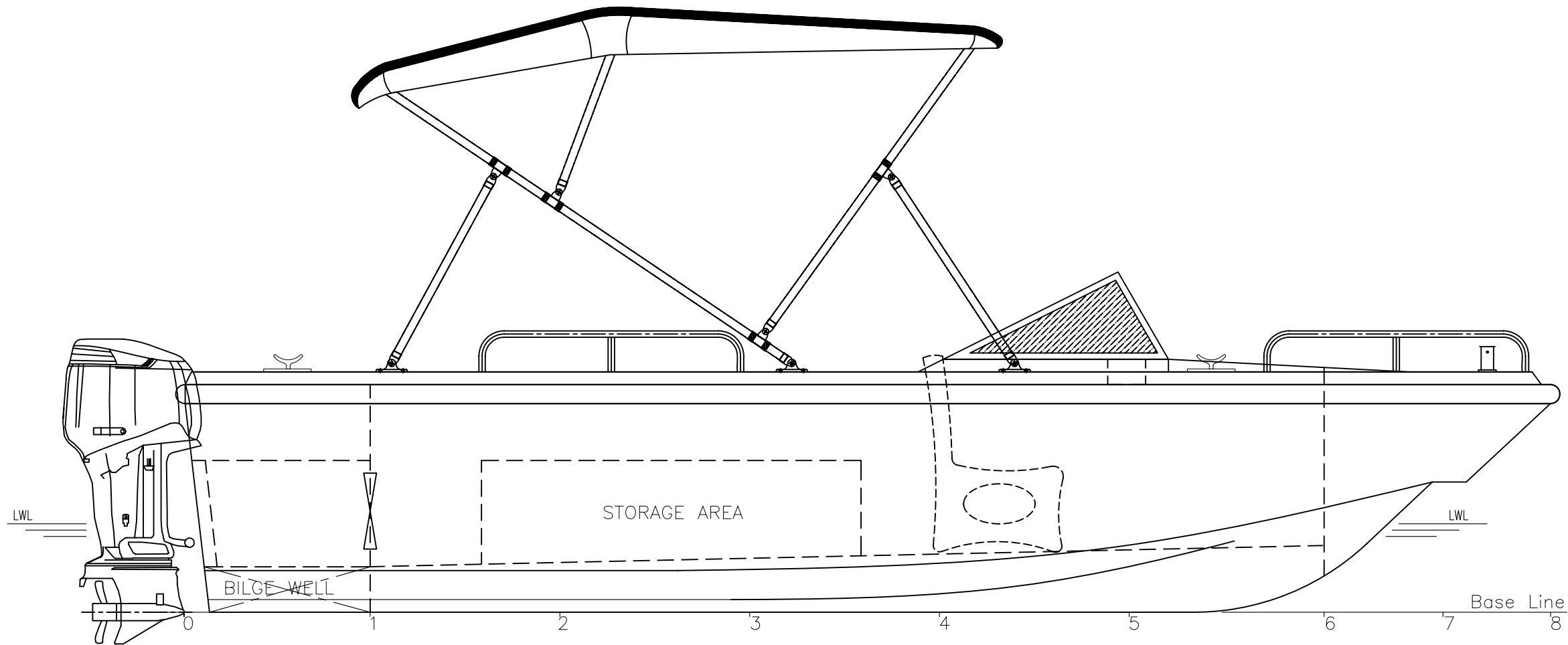


PLAN VIEW

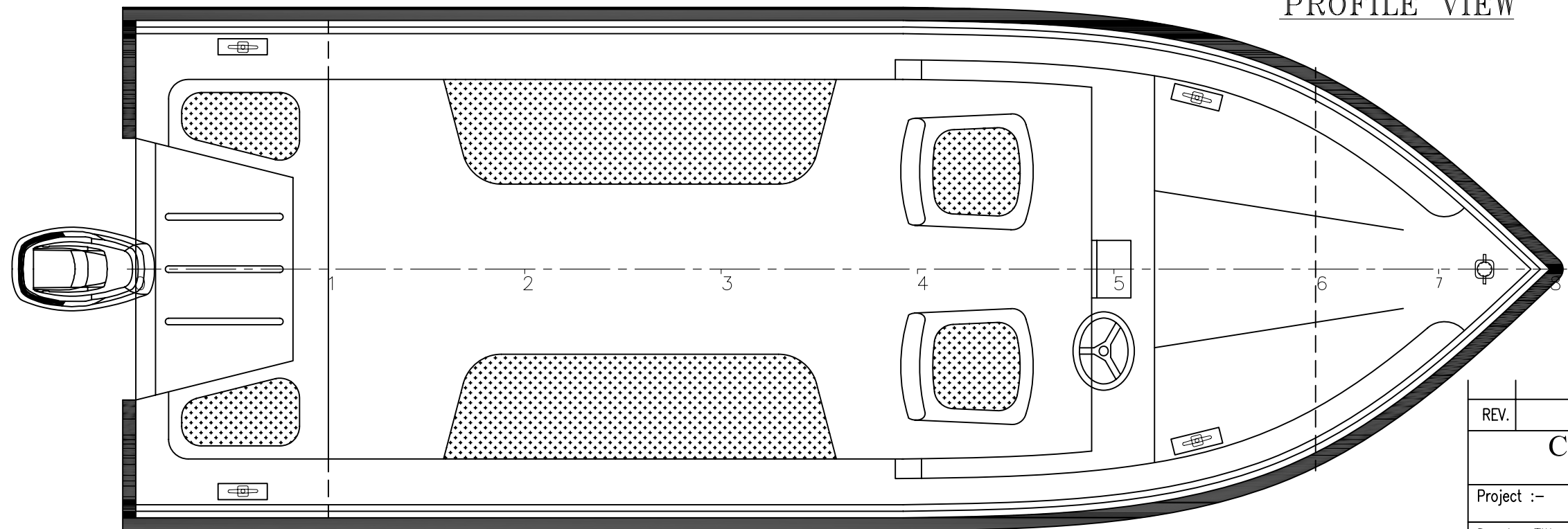
MAIN PARTICULARS

LENGTH (MLD.) :-	5.40 M
BREADTH (MLD.) :-	1.90 M
DEPTH (MLD.) :-	0.90 M
DESIGN DRAFT :-	0.35 M
PROPULSION :-	75/90 HP OBM
SPEED :-	19 KNOTS(MAX)
CAPACITY :-	6 PERSONS

REV.	DESCRIPTION	Drawn	Date				
CLEGHORN MFG Co. Pvt. Ltd. 34 ORPHANGUNGE ROAD, KOLKATA-23							
Project :-		5.40 M FRP BOAT					
Drawing Title :- GENERAL ARRANGEMENT PLAN							
Drawn	Checked	Approved	Date	Scale	Paper	Rev	Sheet
KOUSIK		T.Chandra	02.02.19	1:20	A3	-	1 of 1
Consultant :- SARADA NAVCON (Consultancy on Ship and Boat Design) F-47, Westend Conclave, Dankuni Housing Estate, P.O.-Dankuni, Hooghly, West Bengal.						Drawing No :- CC/5.4M/01 Yard No :-	



PROFILE VIEW



PLAN VIEW

MAIN PARTICULARS

LENGTH (O.A.) (INCLUDING FENDER.)	:-	5.45 M
LENGTH (O.A.) (EXCLUDING FENDER.)	:-	5.40 M
BREADTH (MLD.)	:-	1.90 M
DEPTH (MLD.)	:-	0.90 M
DESIGN DRAFT	:-	0.35 M
PROPULSION	:-	75/90 HP OBM
SPEED	:-	19 KNOTS(MAX)
CAPACITY	:-	6 PERSONS

REV.	DESCRIPTION	Drawn	Date				
CLEGHORN MFG Co. Pvt. Ltd. 34 ORPHANGUNGE ROAD, KOLKATA-23							
Project :-		5.40 M FRP BOAT					
Drawing Title :-							
GENERAL ARRANGEMENT PLAN							
Drawn	Checked	Approved	Date	Scale	Paper	Rev	Sheet
Raju		T.Chandra	17.01.19	1:20	A3	-	1 of 1
Consultant :-						Drawing No :-	
SARADA NAVCON (Consultancy on Ship and Boat Design) F-47, Westend Conclave, Dankuni Housing Estate, P.O.-Dankuni, Hooghly, West Bengal.						CC/5.4M/01 Yard No :-	