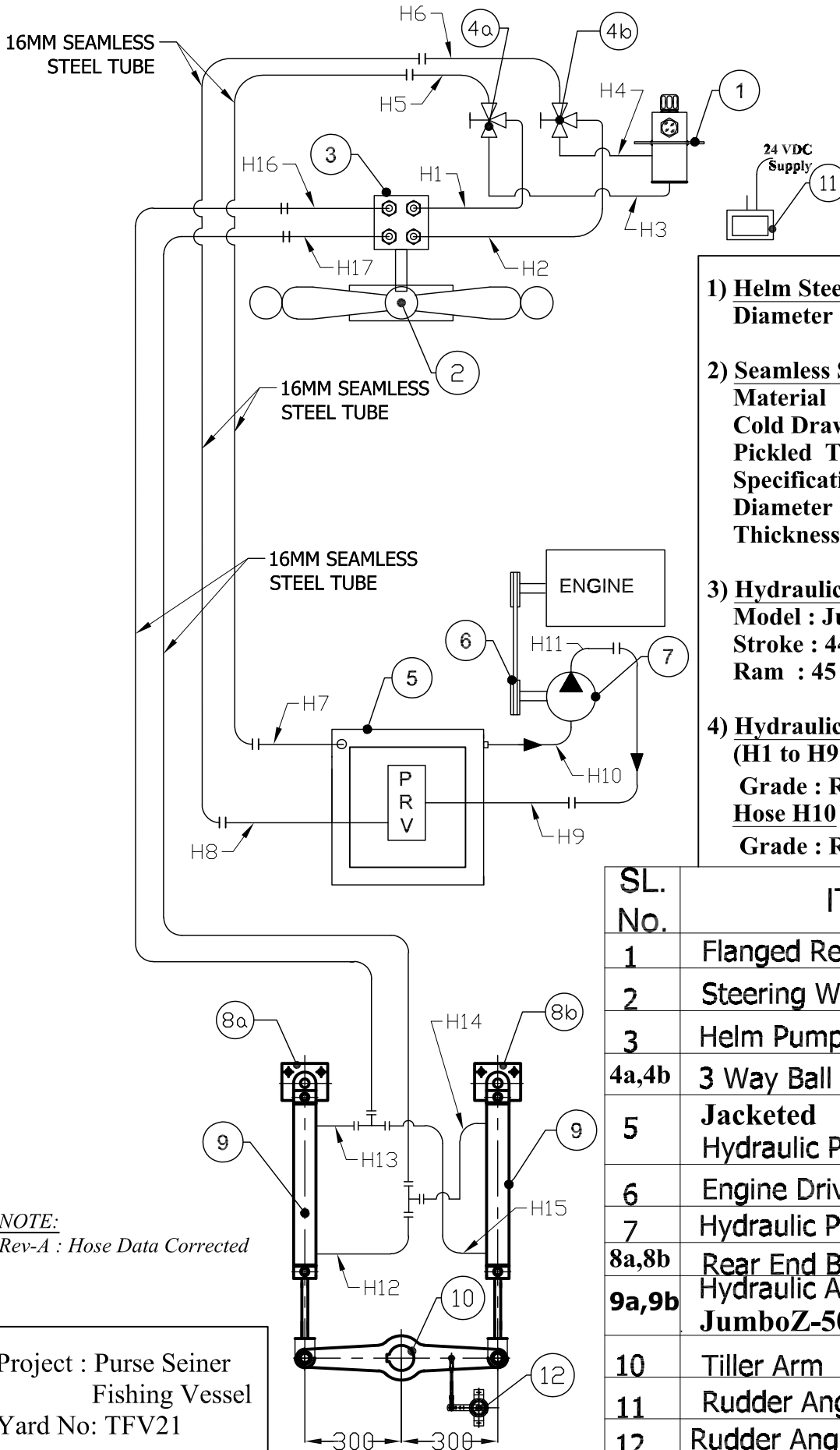


# PIPING DIAGRAM FOR JUMBOZ-500 -ENGINE DRIVEN



- 1) Helm Steering Wheel  
Diameter : 686 mm ( 27")
- 2) Seamless Steel Tube  
Material : Carbon Steel,  
Cold Drawn, Normalised &  
Pickled Tube  
Specification : EN 10305-4  
Diameter : 16 mm  
Thickness : 2 mm
- 3) Hydraulic Cylinder  
Model : JumboZ-1500  
Stroke : 440 mm  
Ram : 45 mm x 2
- 4) Hydraulic Hoses  
(H1 to H9 and H11 to H17)  
Grade : R1 ; I.D : 1/2"  
Hose H10  
Grade : R2; I.D : 3/4"

SL. No.	ITEM
1	Flanged Reservoir
2	Steering Wheel
3	Helm Pump
4a,4b	3 Way Ball Valve
5	Jacketed Hydraulic Powerpack Tank
6	Engine Driven Pulley
7	Hydraulic Pump
8a,8b	Rear End Bracket
9a,9b	Hydraulic Actuator - JumboZ-500
10	Tiller Arm
11	Rudder Angle Indicator
12	Rudder Angle Sensor

*NOTE:*  
Rev-A : Hose Data Corrected

Project : Purse Seiner  
Fishing Vessel  
Yard No: TFV21

**MAC ♦ N ♦ HOM SYSTEMS**  
**KOCHI - 20**

DESIGNATION	DWG. No.	DATE
Piping Diagram for Jumboz-500 -Engine Driven	MHS-1820A	18-03-2023

A	B	C	D	E	F	G	H
---	---	---	---	---	---	---	---