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PRINCIPAL DATA:

LOA: 13.06m

BMAX: 4.06 m

Dspl Light 5750 Kg.
Max Dspl 7169 K.
Dspl in racing trim ORC 6895 Kg.

Crew Max. 800
Carm 1.845 M.

P= 17.200
E= 5.800
BAS =1.75
IG=17.100
J=5.50
TPS 7.15

WEIGHTS ORCi Racing Trim		
DSPL LIGHT	5750	Kg.
CREW ON THE RAIL	800	Kg.
VARIOUS - SAILS ETC.	345	Kg.
TOTAL	**6895**	**Kg.**

RGHTING MOMENT CURVE RACING TRIM		
RM @2°	1946	Kg M
RM@ 10°	3747	Kg M
RM@ 20°	5717	Kg M
RM@30°	7150	Kg M
RM@40°	8078	Kg M
RM@50°	8704	Kg M
RM@60°	8897	Kg M

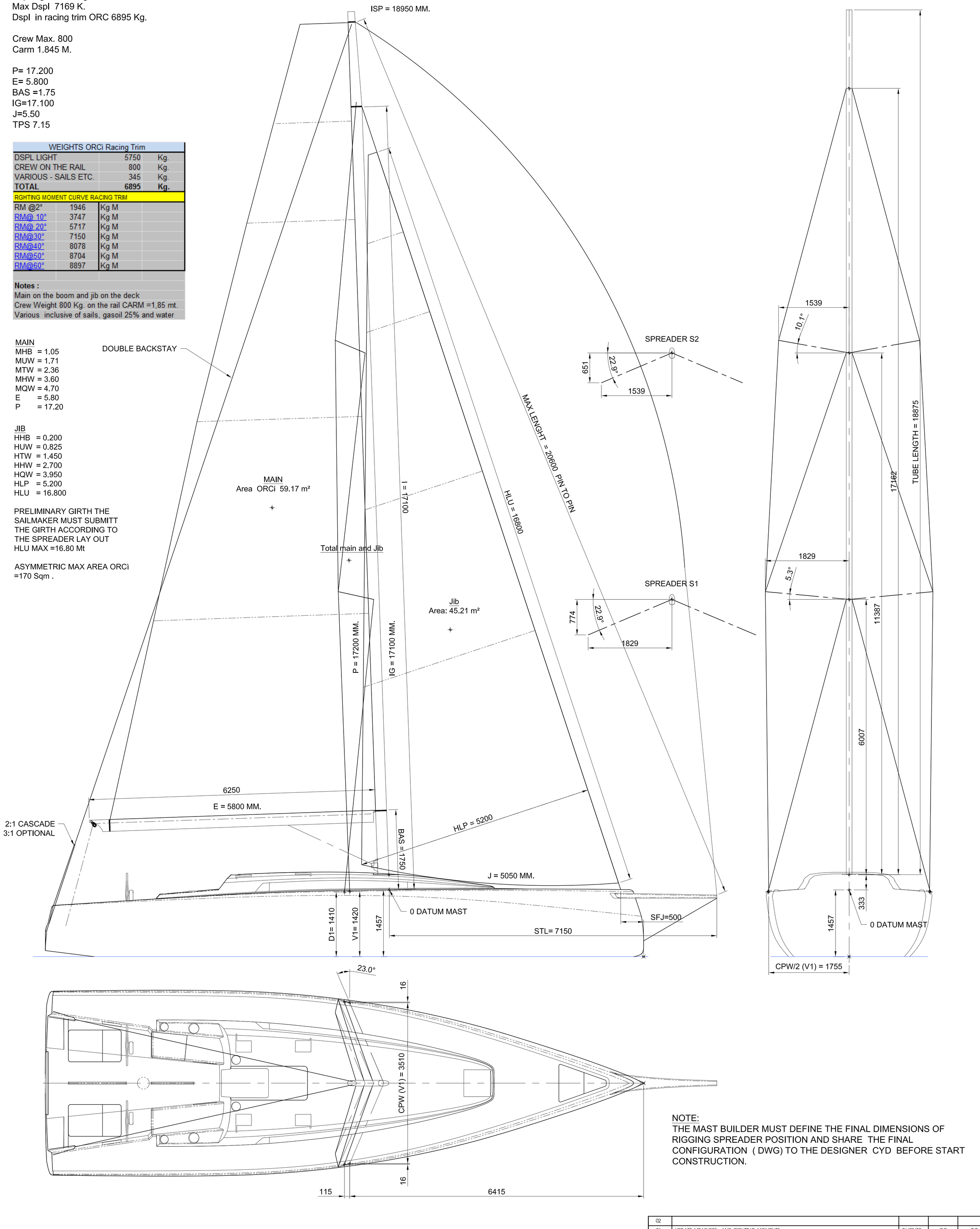
Notes :
Main on the boom and jib on the deck
Crew Weight 800 Kg. on the rail CARM =1,85 mt.
Various inclusive of sails, gasoil 25% and water

MAIN
MHB = 1.05
MUW = 1.71
MTW = 2.36
MHW = 3.60
MQW = 4.70
E = 5.80
P = 17.20

JIB
HHB = 0.200
HUW = 0.825
HTW = 1.450
HHW = 2.700
HQW = 3.950
HLP = 5.200
HLU = 16.800

PRELIMINARY GIRTH THE SAILMAKER MUST SUBMITT THE GIRTH ACCORDING TO THE SPREADER LAY OUT
HLU MAX =16.80 Mt

ASYMMETRIC MAX AREA ORCi =170 Sqm .



NOTE:
THE MAST BUILDER MUST DEFINE THE FINAL DIMENSIONS OF RIGGING SPREADER POSITION AND SHARE THE FINAL CONFIGURATION (DWG) TO THE DESIGNER CYD BEFORE START CONSTRUCTION.

ISSUE	DESCRIPTION	DATE	DRAWN	CHECKED
02				
01	UPDATE MEASURES AND RIGHTING MOMENTS .	06/03/20	GC	GC
00	ISSUE FOR DISCUSSION WITH MAST BUILDER.	22/11/19	RM	GC

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THE BUILDER MUST CHECK DIMENSIONS AND CONTENT GIVEN ON THE DRAWING AND ADVISE DESIGNER OF ANY DISCREPANCIES BEFORE COMMENCING CONSTRUCTION.
THIS DRAWING MUST NOT BE REPRODUCED OR USED FOR ANY PURPOSE, OTHER THAN IN CONJUNCTION WITH THE BOAT OR DESIGN FOR WHICH IT WAS DRAWN, WITHOUT THE DESIGNER'S WRITTEN CONSENT.

BOAT: NEO 430 ROMA
BUILDER : NEO YACHTS
TITLE : SAIL PLAN
DRAWING Nº NEO4320-DRA-301-01
SCALE: 1:40 @A1
ALL DIMENSIONS ARE IN MILLIMETERS
PROJ. Nº CYD_430
SHEET : 1 of 1

UNI A1 (594 x 841)

FILE: \\SERVER01\CYD_Lavoro\a NEO YACHTS\Neo 430\DISEGNO 2D\CYD4320-DRA-301-01 SAIL PLAN.dwg