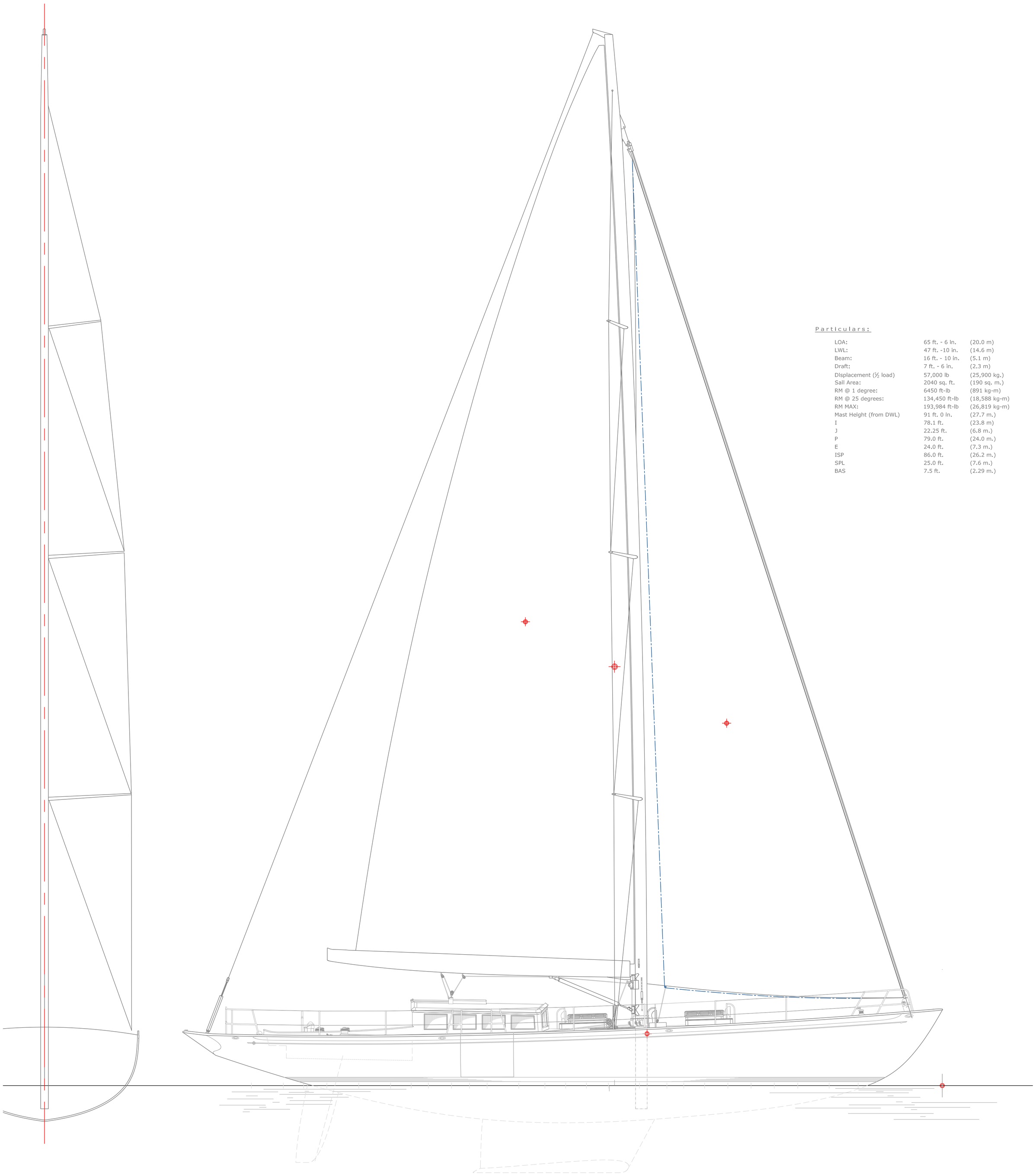

Particulars:

LOA:	65 ft. - 6 in.	(20.0 m)
LWL:	47 ft. -10 in.	(14.6 m)
Beam:	16 ft. - 10 in.	(5.1 m)
Draft:	7 ft. - 6 in.	(2.3 m)
Displacement (½ load)	57,000 lb	(25,900 kg.)
Sail Area:	2040 sq. ft.	(190 sq. m.)
RM @ 1 degree:	6450 ft-lb	(891 kg-m)
RM @ 25 degrees:	134,450 ft-lb	(18,588 kg-m)
RM MAX:	193,984 ft-lb	(26,819 kg-m)
Mast Height (from DWL)	91 ft. 0 in.	(27.7 m.)
I	78.1 ft.	(23.8 m)
J	22.25 ft.	(6.8 m.)
P	79.0 ft.	(24.0 m.)
E	24.0 ft.	(7.3 m.)
ISP	86.0 ft.	(26.2 m.)
SPL	25.0 ft.	(7.6 m.)
BAS	7.5 ft.	(2.29 m.)

DWG BY:
R. Stephens
DATE:
February 11, 2016

DWG #:
Design #100 -- dwg #001 - Sail Plan
SCALE:
¼" = 1ft. (1:48)
REFERENCES:
Rhino Model

TITLE
Sail Plan

PROJECT
Design #100
66 ft. LOA Custom Sloop
CLIENT
Mr. Tony Merck

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YACHT DESIGN
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REVISIONS | DATE