



NELSON/MAREK YACHT DESIGN

2829 CANON ST.
SAN DIEGO, CA 92106

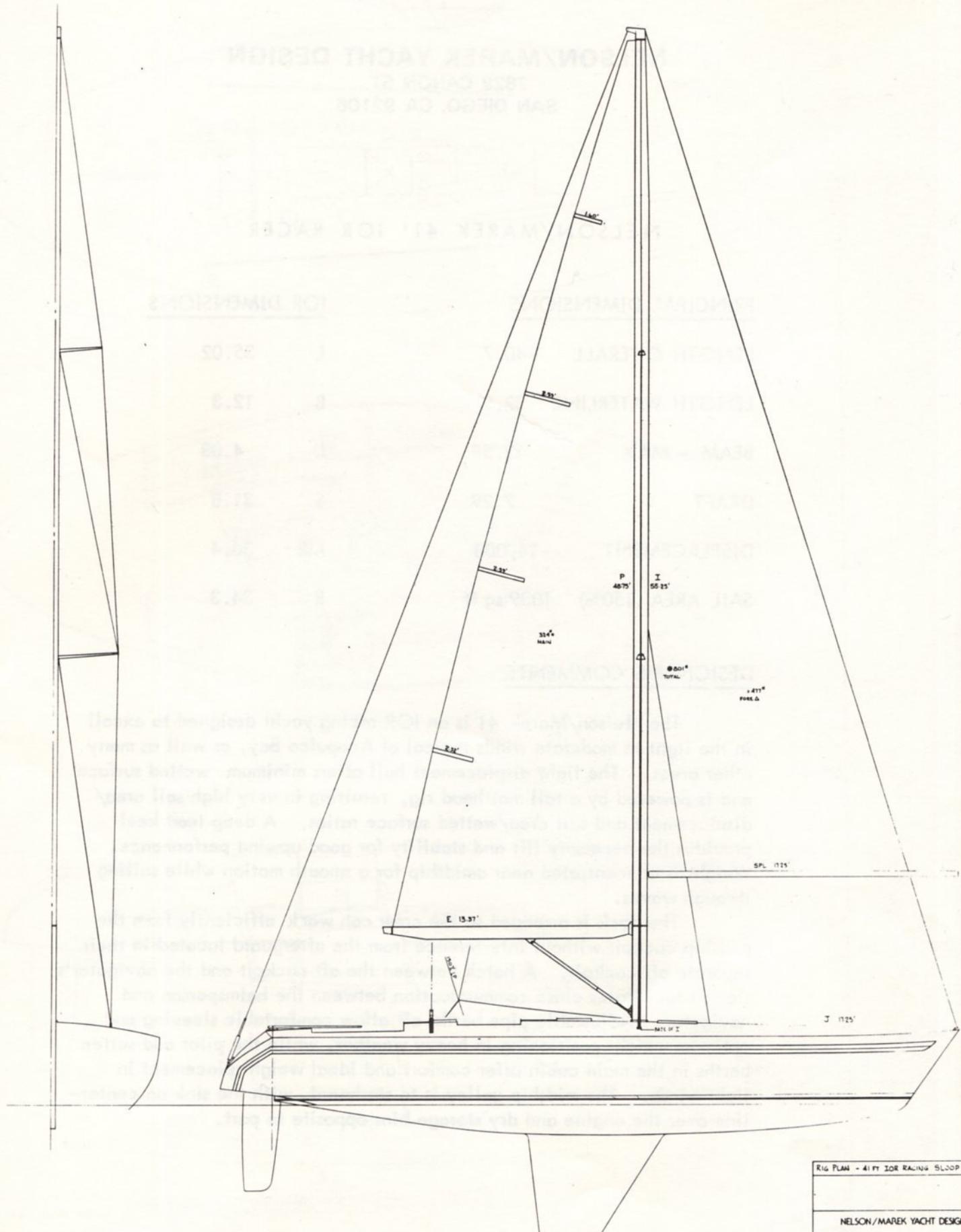
NELSON/MAREK 41' IOR RACER

<u>PRINCIPAL DIMENSIONS</u>		<u>IOR DIMENSIONS</u>	
LENGTH OVERALL	-40.7	L	35.02
LENGTH WATERLINE	32.9	B	12.3
BEAM - MAX	12.59	D	4.08
DRAFT	7.29	S	31.8
DISPLACEMENT	14,000	MR	36.4
SAIL AREA (150%)	1039 sq ft	R	34.3

DESIGNER'S COMMENTS:

The Nelson/Marek 41 is an IOR racing yacht designed to excell in the light to moderate winds typical of Acapulco Bay, as well as many other areas. The light displacement hull offers minimum wetted surface and is powered by a tall masthead rig, resulting in very high sail area/displacement and sail area/wetted surface ratios. A deep lead keel provides the necessary lift and stability for good upwind performance. Weight is concentrated near amidship for a smooth motion while sailing through waves.

The deck is arranged so the crew can work efficiently from the midship cockpit without interference from the afterguard located in their separate aft cockpit. A hatch between the aft cockpit and the navigator's station facilitates close communication between the helmsperson and navigator. Adjustable pipe berths aft allow comfortable sleeping and optimum weight positioning in heavy weather, while the pilot and settee berths in the main cabin offer comfort and ideal weight placement in light winds. The midship galley is to starboard, with the sink on centerline over the engine and dry storage bins opposite to port.



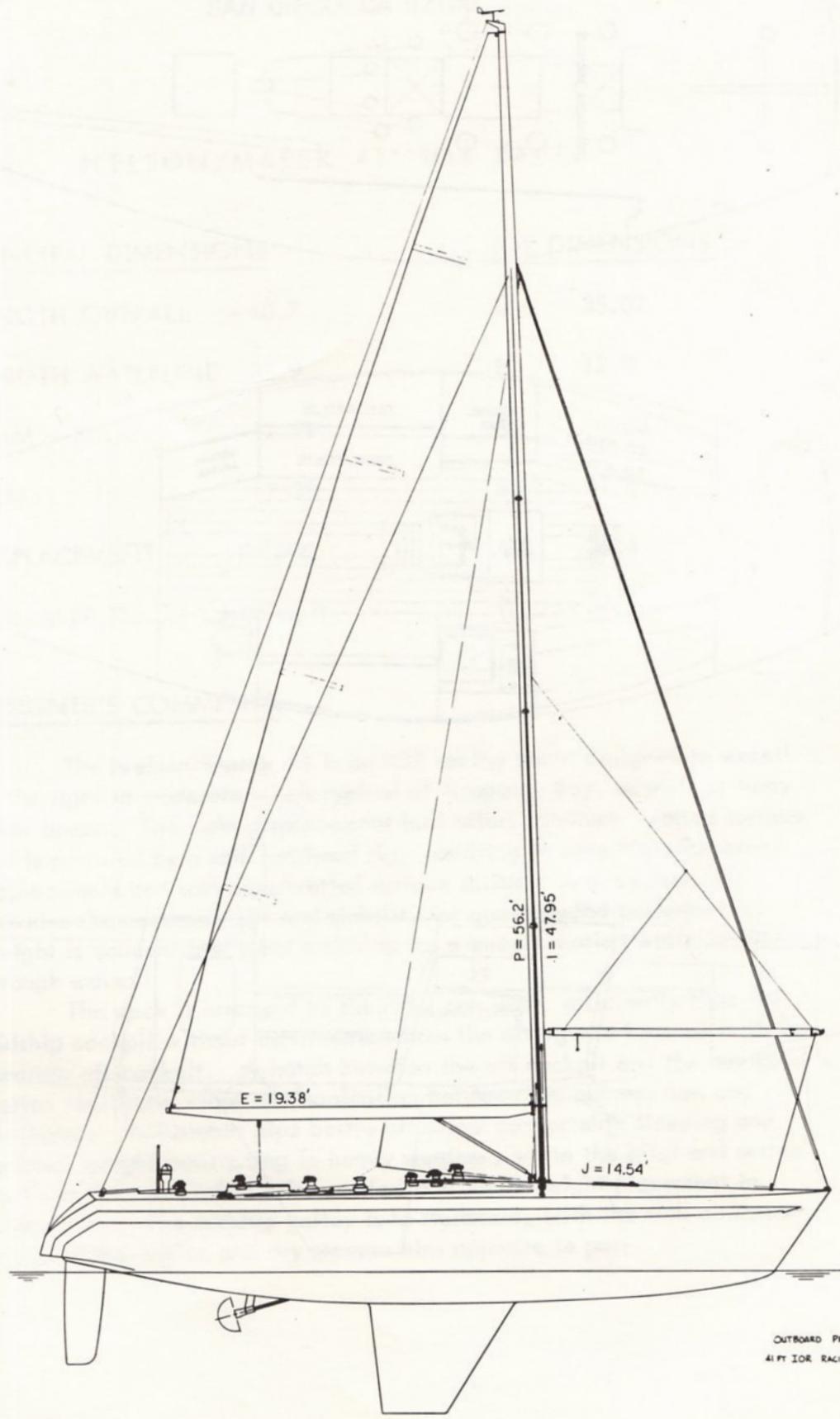
RIG PLAN - 41 FT IOR RACING SLOOP

NELSON/MAREK YACHT DESIGN

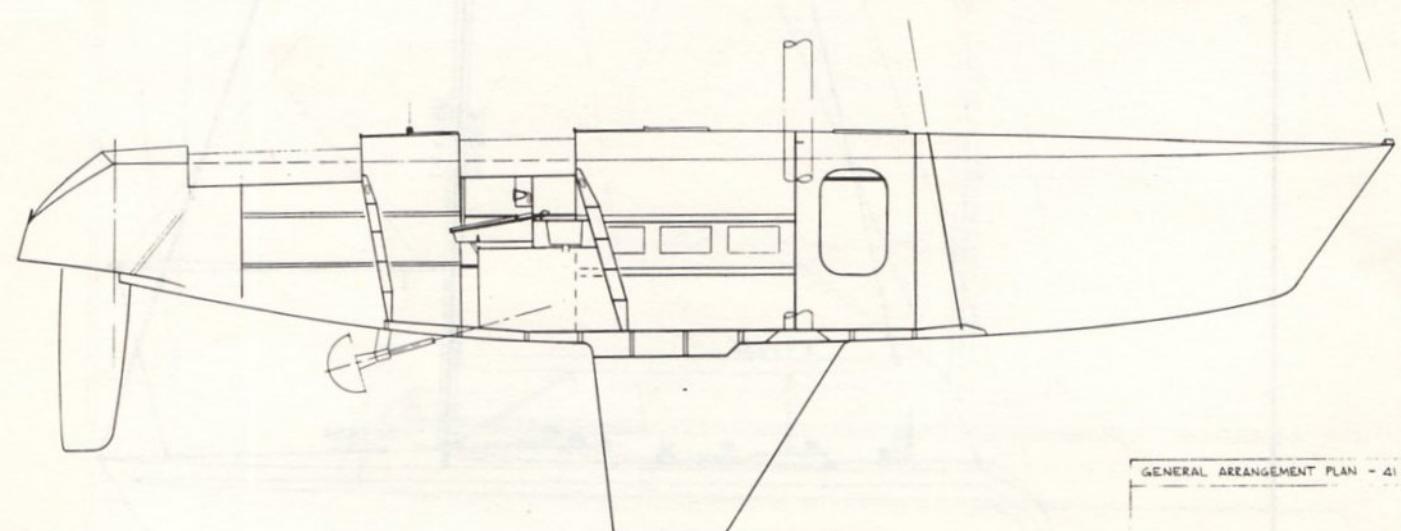
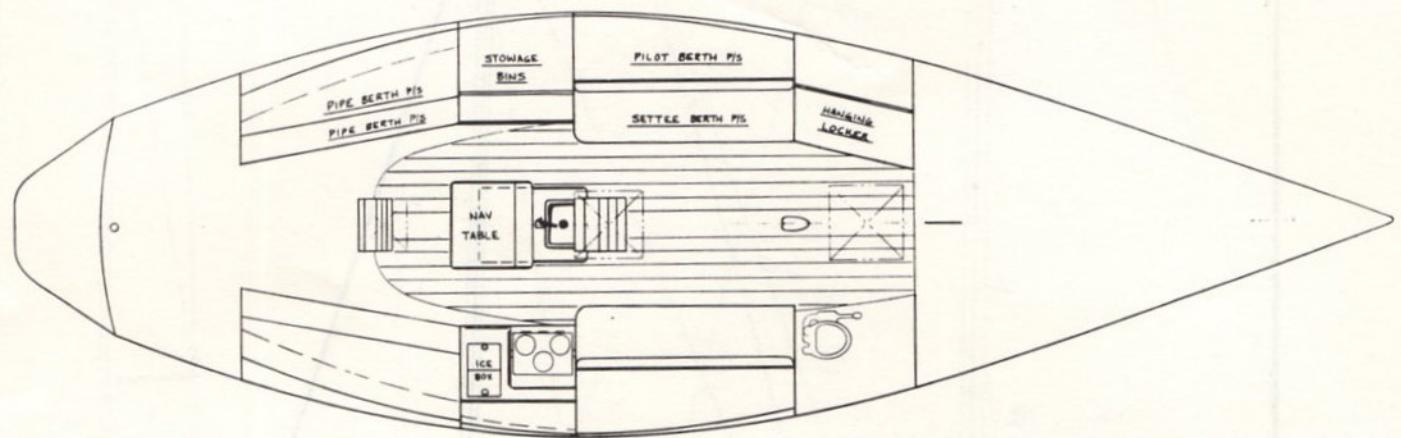
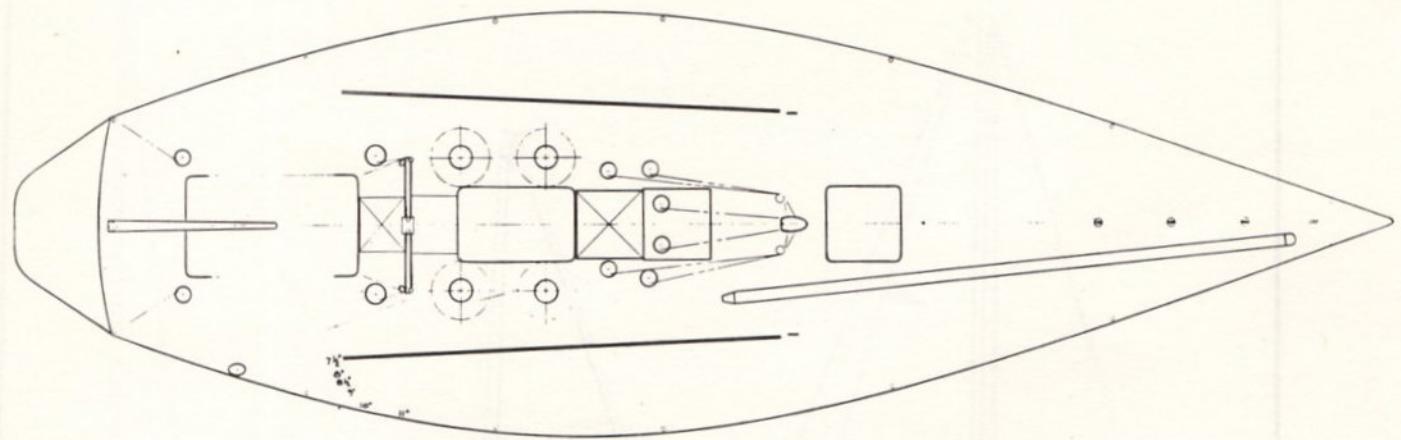
2029 Carbon Street San Diego, Ca. 92106

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DRAWN BY B. NELSON SCALE 1/8" = 1'-0" (1:124)
DATE MARCH 2017 DRAWING NO. 4101-R



OUTBOARD PROFILE
18 FT IOR RACING SLOOP



GENERAL ARRANGEMENT PLAN - 41 FT SLOOP

NELSON, MARX YACHT DESIGN

2029 Calton Street San Diego, Ca. 92106

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DRAWN BY B. NELSON	SCALE 1/8" = 1'-0" (1:24)
DATE APRIL 1979	
DRAWING NO. 4(01-C)	