PRINCIPAL DIMENSIONS

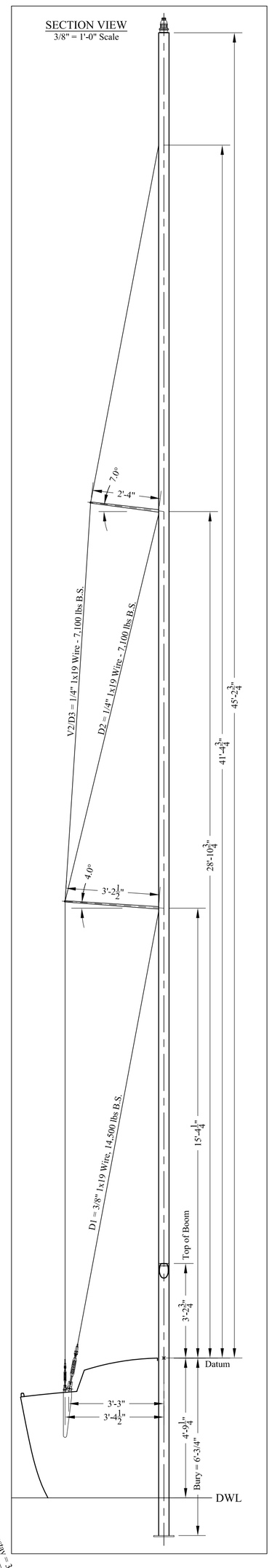
LENGTH OVERALL	38' - 5"
DESIGN WATERLINE LENGTH	28' - 8"
BEAM	11' - 1"
DRAFT (board up / board down)	3' - 3" / 6' - 8"
DISPLACEMENT	14,085 lbs
BALLAST	6,150 lbs (44%)
RIGHTING MOMENT / DEG.	961 ft.lbs
VCG (estimated)	4" (above DWL)
LCB (aft of sta. 0)	15' - 11"
CENTER of LATERAL PLANE	15' - 1"
POUNDS PER INCH IMMERSION	1,035 lbs/in^2
WETTED SURFACE	266 ft^2
PRISMATIC	.500
DISPL. / LENGTH RATIO	220
STATION SPACING	34 1/2"

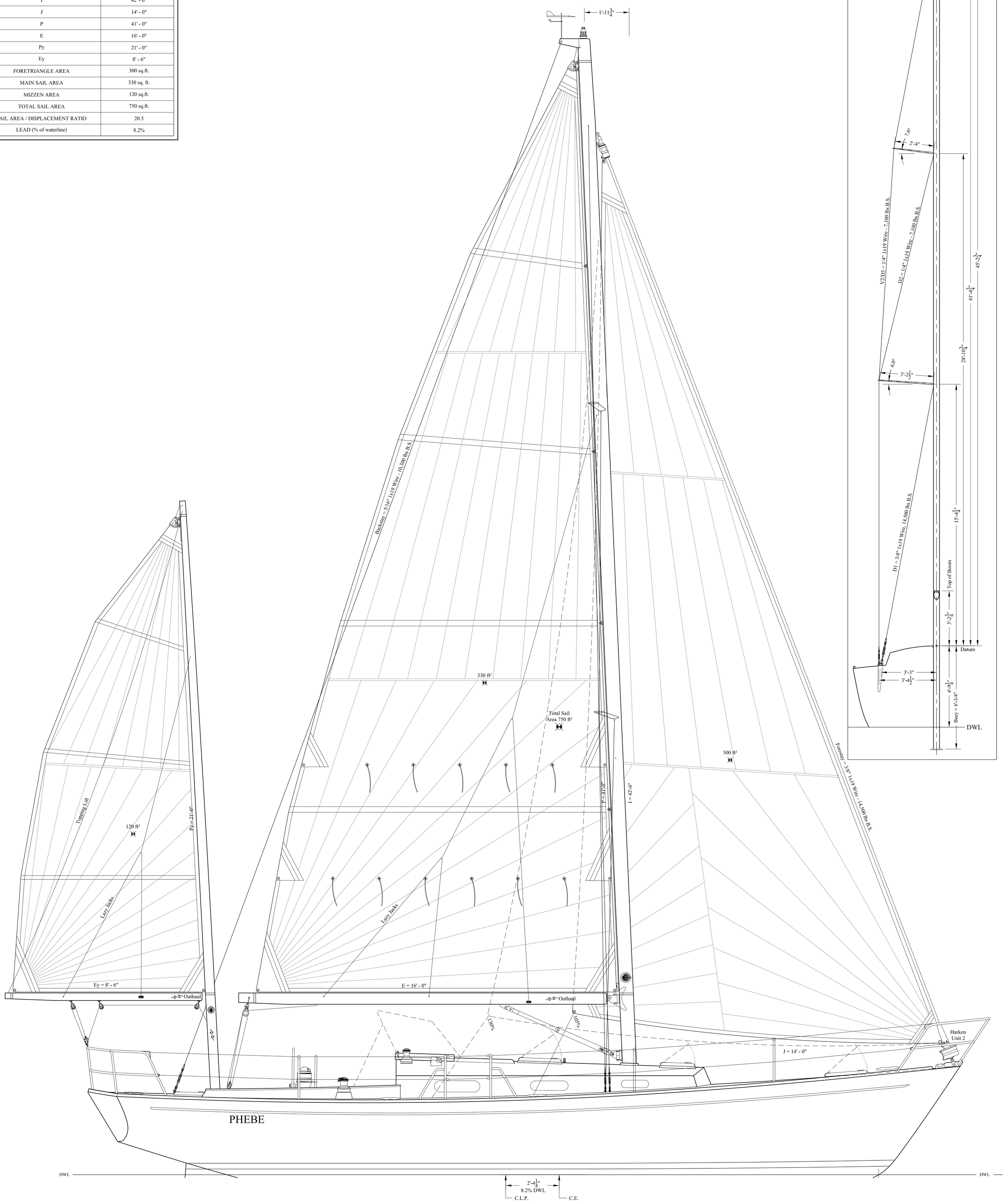
RIG DIMENSIONS

I	42' - 6"
J	14' - 0"
P	41' - 0"
E	16' - 0"
Py	21' - 0"
Ey	8' - 6"
FORETRIANGLE AREA	300 sq.ft.
MAIN SAIL AREA	330 sq. ft.
MIZZEN AREA	120 sq.ft.
TOTAL SAIL AREA	750 sq.ft.
SAIL AREA / DISPLACEMENT RATIO	20.5
LEAD (% of waterline)	8.2%

REVISIONS

No.	DESCRIPTION	DATE
1	Main mast and forestay moved fwd 3" and % lead recalculated.	1/13/09
2	Chainplate width corrected and rigging sizes updated. Cabin moved fwd 6" and lengthaned fwd 3".	2/23/09
3	Jib sized changed, radar added to mizzen, lazy jacks and dodger added, mizzen sheet updated.	11/30/09
4	Radar on mizzen removed.	1/15/10





DAMIAN MCLAUGHLIN JR. CORPORATION
EST. 1970

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TITLE	SAIL PLAN		
FOR	38' Bruce Kirby Yawl, PHEBE		
DRAWN BY MS	DATE October 21, 2008	CHECKED BY	DATE
SCALE 1/2" = 1'-0" (1:24)		DWG. NO. 179-307	REV 4