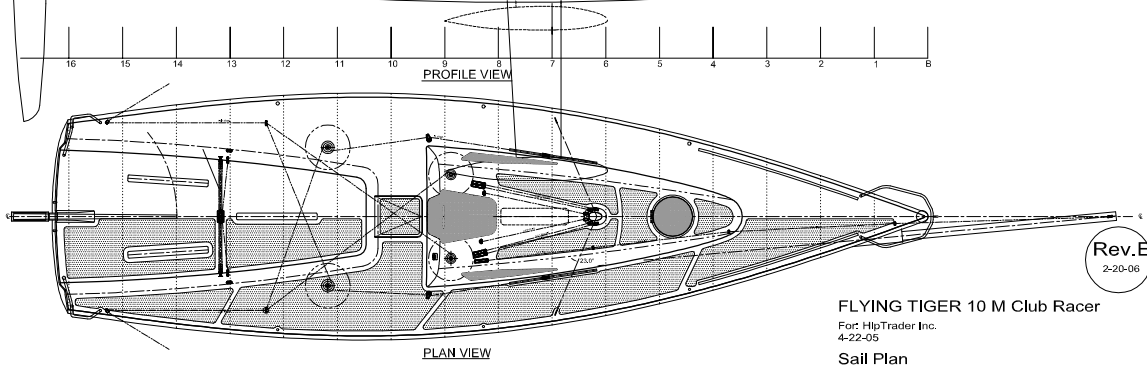
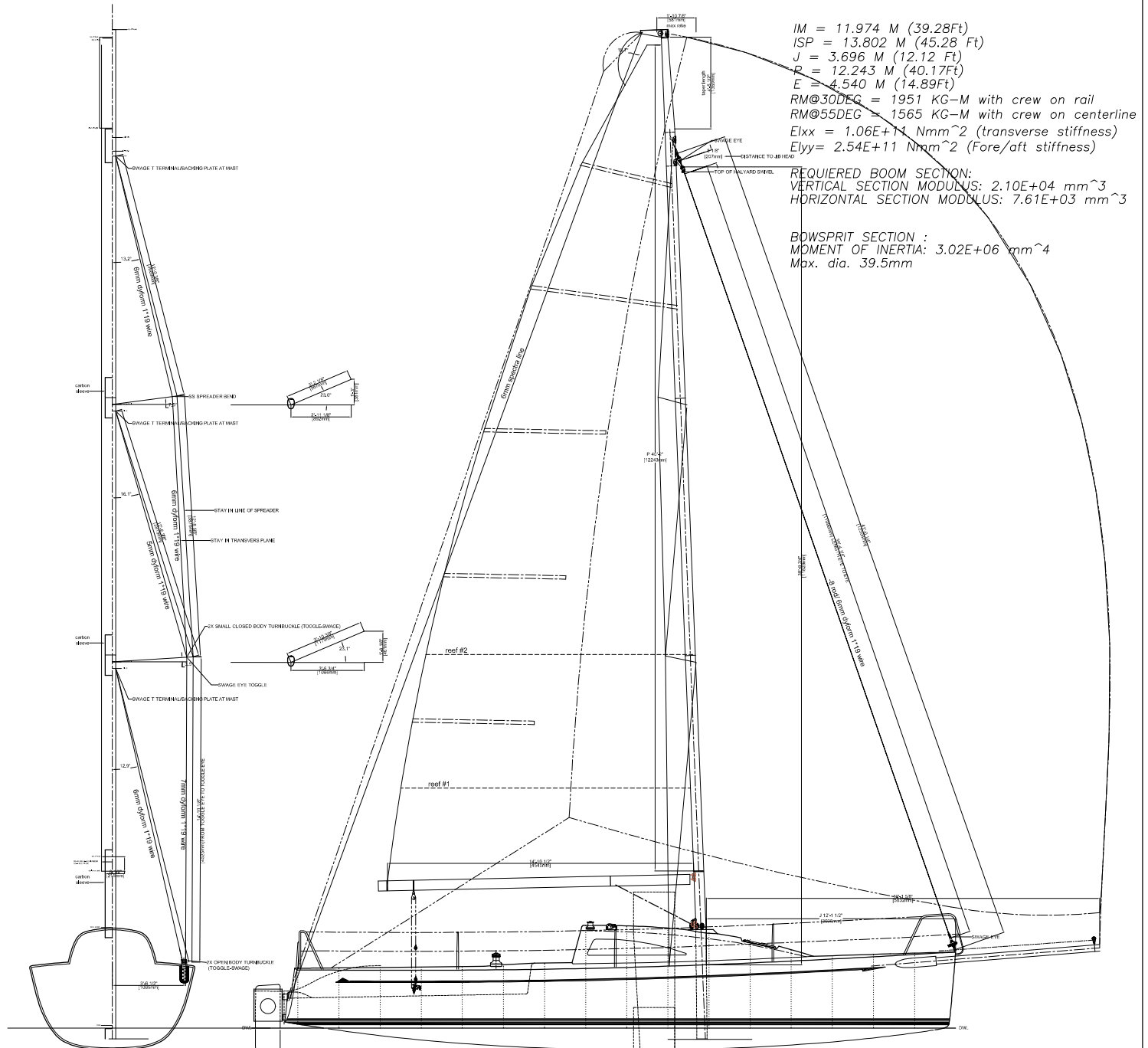


$IM = 11.974 \text{ M (39.28 Ft)}$   
 $ISP = 13.802 \text{ M (45.28 Ft)}$   
 $J = 3.696 \text{ M (12.12 Ft)}$   
 $P = 12.243 \text{ M (40.17 Ft)}$   
 $E = 4.540 \text{ M (14.89 Ft)}$   
 $RM@30DEG = 1951 \text{ KG-M with crew on rail}$   
 $RM@55DEG = 1565 \text{ KG-M with crew on centerline}$   
 $E_{lx} = 1.06E+11 \text{ Nmm}^2 \text{ (transverse stiffness)}$   
 $E_{ly} = 2.54E+11 \text{ Nmm}^2 \text{ (Fore/aft stiffness)}$

**REQUIRED BOOM SECTION:**  
 VERTICAL SECTION MODULUS:  $2.10E+04 \text{ mm}^3$   
 HORIZONTAL SECTION MODULUS:  $7.61E+03 \text{ mm}^3$

**BOWSPRIT SECTION :**  
 MOMENT OF INERTIA:  $3.02E+06 \text{ mm}^4$   
 Max. dia. 39.5mm



Rev. E  
 2-20-06

**FLYING TIGER 10 M Club Racer**  
 For: HipTracer Inc.  
 4-22-05  
**Sail Plan**

Robert H. Perry Yacht Designers Inc.

