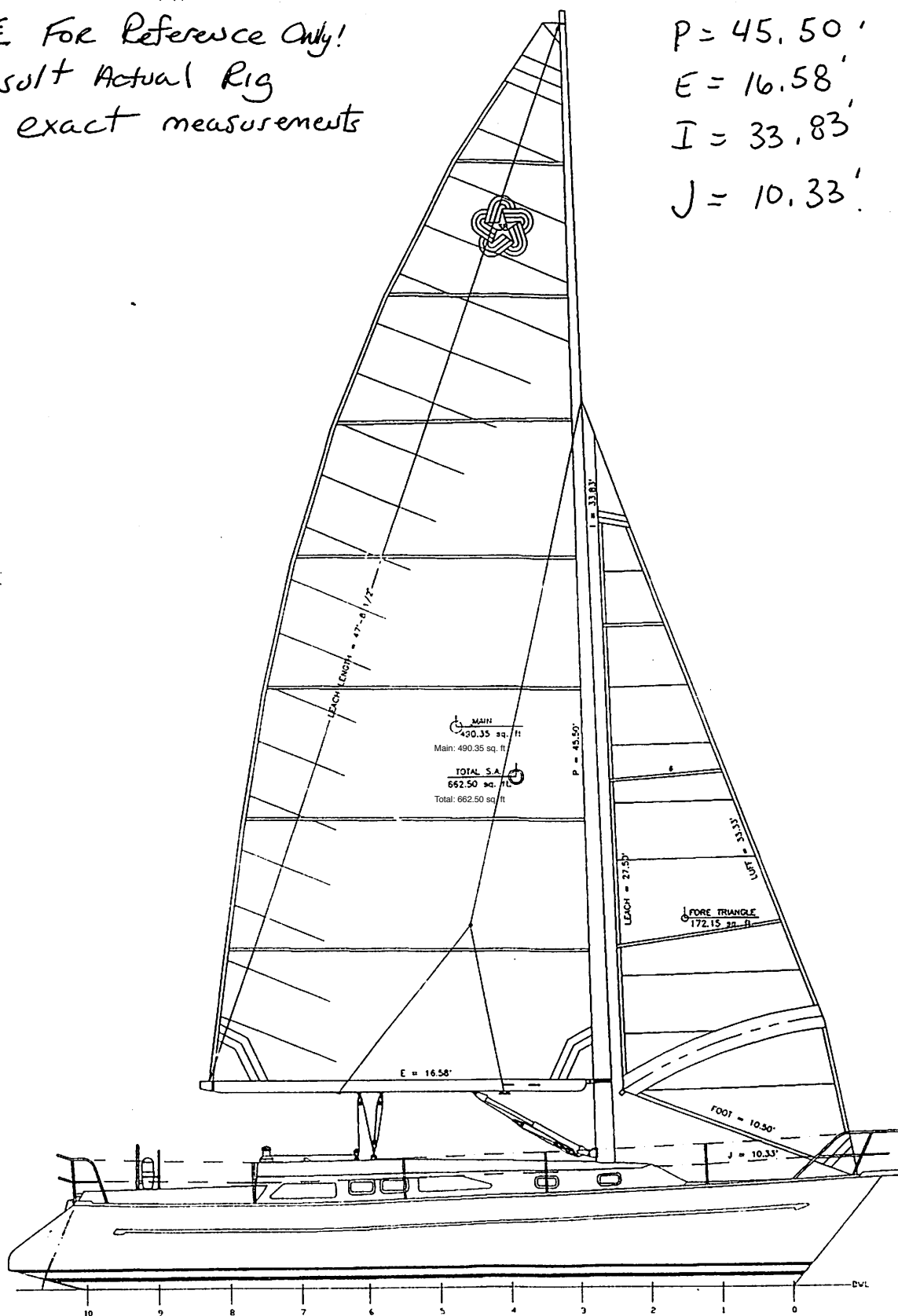


NOTE For Reference Only!
Consult Actual Rig
for exact measurements

$P = 45.50'$
 $E = 16.58'$
 $I = 33.83'$
 $J = 10.33'$



DESIGNED BY: GARY W. MULL

CHARTER F38-S
NO SCALE
9/2/92 JRP

FREEDOM 38

L.O.A.	37'-11"
D.W.L.	30'-7 1/2"
BEAM	12'-6"
DRAFT	4'-0"/6'-0"
DISPL.	16,650/16,000 LBS.
SAIL AREA	662.50 SQ. FT.

18 July 1986

Freedom 36

Sail Plan Specifications

A) Main Sail

- 1) Area of Triangle = 377 sq. ft.
- 2) Recommended Total Area = 490.35 sq. ft.
- 3) P = 45.5 ft.
- 4) E = 16.58 ft.
- 5) Luff Slides for #8 Metal Mast Track
- 6) Foot Slugs 1/2" Rd. or Bolt Rope
- 7) Tack cut backs, cut ups, & reef cut backs per Dwg. #F-39-50300
- 8) Outhaul per Dwg. #F-33-50300

B) Spinnaker

- 1) Recommended Area 525 sq. ft.
- 2) Vertical Height of Hoist above pole 32'
- 3) Pole length 18'0"
- 4) Pole Pivots parrallel to sheerline, Approx. 12'-3" foward of mast face.

C) Self Tacking Jib

- 1) For information contact: David Bierig
Bierig Sailmakers
11092 Freeport Lane
Northeast, PA 16428
(814) 459-8001

Note: All sails to be fully battened with two reef points.