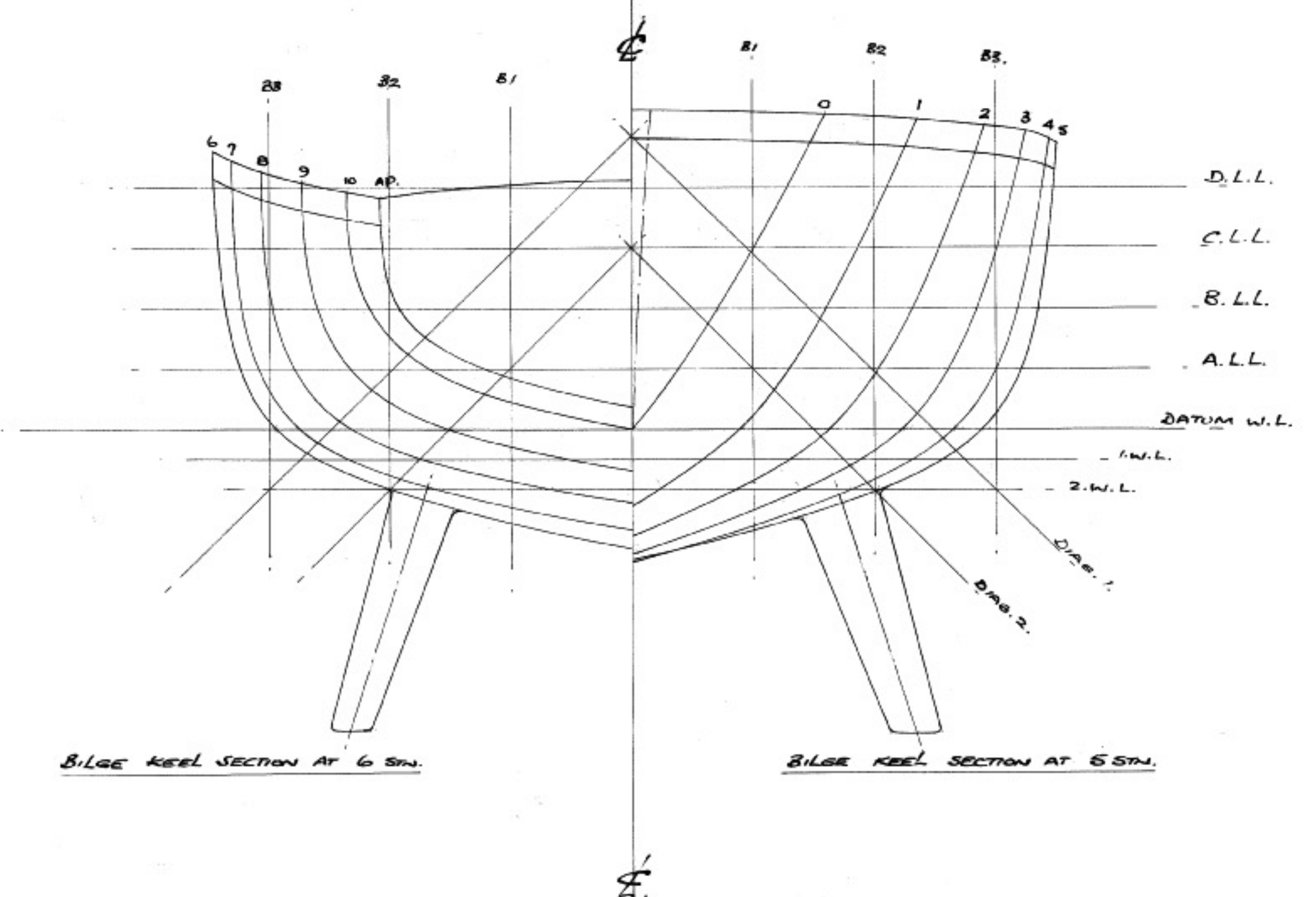
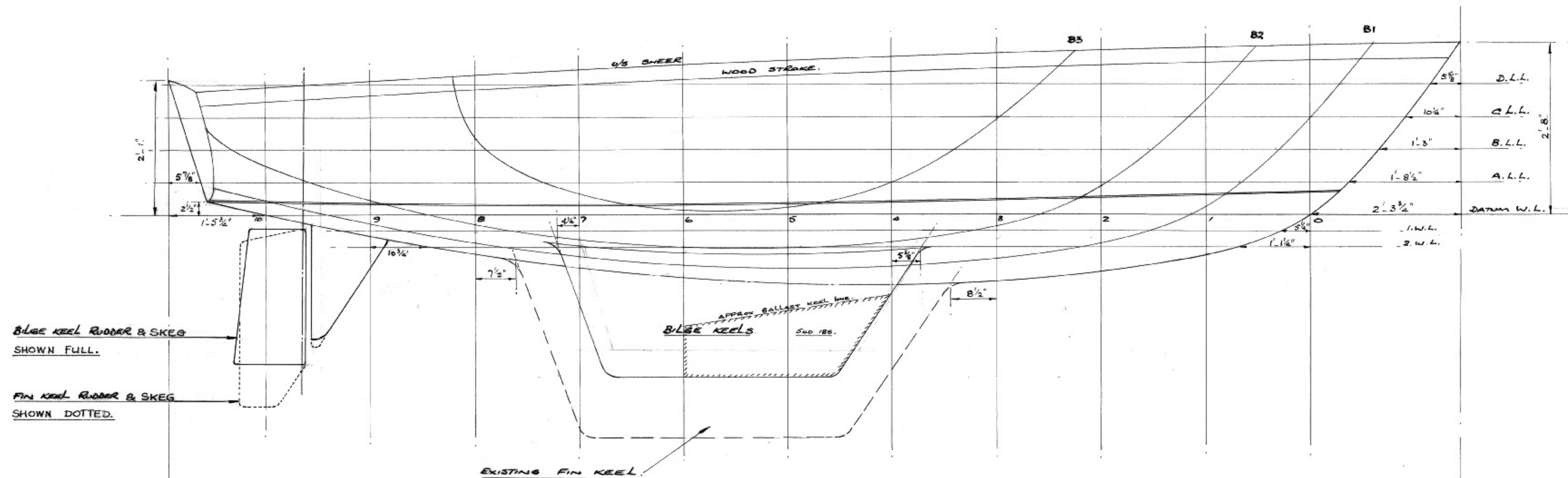


# "FELICITY" SAILING CRUISER.

ROUND BILGE VERSION.

LINES & OFFSETS

SCALE: 1" = 1'0"



| STATION | HEIGHTS        |             |       |       | HALF BREADTHS |                |        |        |        |        |            |        |        |       |       |    |
|---------|----------------|-------------|-------|-------|---------------|----------------|--------|--------|--------|--------|------------|--------|--------|-------|-------|----|
|         | 0/5 UNDER KEEL | 0/5 PROFILE | B1    | B2    | B3            | 0/5 UNDER KEEL | D.L.L. | C.L.L. | B.L.L. | A.L.L. | DATUM W.L. | 1.W.L. | 2.W.L. | DIA 1 | DIA 2 | 6" |
| FP      | 2.710          | 2.710       | -     | -     | -             | -              | -      | -      | -      | -      | -          | -      | -      | -     | -     | FP |
| 0       | 2.74           | -           | 1.514 | -     | -             | 1.70           | 1.344  | 0.10   | 0.86   | 0.46   | -          | -      | -      | 1.411 | 0.110 | 0  |
| 1       | 2.612          | 0.76        | 0.17  | 1.94  | -             | 2.44           | 2.14   | 1.106  | 1.70   | 1.37   | 0.109      | 0.64   | 0.211  | 2.21  | 1.713 | 1  |
| 2       | 2.64           | 0.109       | 0.54  | 0.54  | -             | 2.102          | 2.813  | 2.67   | 2.312  | 2.08   | 1.710      | 1.36   | 0.104  | 2.912 | 2.25  | 2  |
| 3       | 2.511          | 1.06        | 0.82  | 0.23  | 1.510         | 3.31           | 3.12   | 3.03   | 2.102  | 2.74   | 2.212      | 1.106  | 1.410  | 3.37  | 2.610 | 3  |
| 4       | 2.52           | 1.10        | 0.910 | 0.51  | 0.60          | 3.56           | 3.410  | 3.39   | 3.24   | 3.00   | 2.714      | 2.39   | 1.96   | 3.71  | 2.90  | 4  |
| 5       | 2.44           | 1.013       | 0.100 | 0.62  | 0.16          | 3.60           | 3.512  | 3.50   | 3.42   | 3.28   | 2.102      | 2.610  | 2.04   | 3.90  | 2.103 | 5  |
| 6       | 2.310          | 0.112       | 0.96  | 0.60  | 0.02          | 3.58           | 3.57   | 3.50   | 3.46   | 3.213  | 2.116      | 2.72   | 2.02   | 3.72  | 2.100 | 6  |
| 7       | 2.211          | 0.914       | 0.712 | 0.510 | 0.314         | 3.310          | 3.39   | 3.34   | 3.211  | 3.10   | 2.92       | 2.42   | 1.76   | 3.78  | 2.88  | 7  |
| 8       | 2.111          | 0.76        | 0.54  | 0.114 | 1.20          | 3.011          | 3.02   | 3.06   | 2.110  | 2.95   | 2.314      | 1.811  | 0.80   | 3.48  | 2.511 | 8  |
| 9       | 2.011          | 0.40        | 0.11  | 0.210 | -             | 2.810          | 2.811  | 2.86   | 2.73   | 2.314  | 1.63       | 0.63   | -      | 3.03  | 2.19  | 9  |
| 10      | 1.118          | -           | 0.210 | 0.90  | -             | 2.47           | -      | 2.314  | 2.22   | 1.82   | -          | -      | -      | 2.612 | 1.89  | 10 |
| T       | 1.104          | 0.210       | 0.50  | 1.40  | -             | 2.10           | -      | 2.012  | 1.12   | 1.210  | -          | -      | -      | -     | -     | T  |
| AP      | 2.10           | -           | -     | -     | -             | -              | -      | -      | -      | -      | -          | -      | -      | -     | -     | AP |

## NOTE:-

- ALL ABOVE OFFSETS GIVEN IN FEET - INCHES - & SIXTEENTHS TO NEAREST SIXTEENTH & TO OUTSIDE OF SKIN.
- THIS INDICATES ABOVE OR BELOW DATUM W.L.
- STATION SPACING 1.6 FT. APART.
- LEVEL LINES SPACED 6" APART - WATERLINES SPACED 3" APART.
- BUTTOCK LINES SPACED 1'0" APART.
- FOR FIN KEEL VERSION USE EXISTING FIN MOULD.
- BILGE KEELS TO BE TIED IN BY 1" AT FORE END.
- IT IS UNWISE TO SCALE FROM THIS, OR ANY DRAWING PRINT, DUE TO PAPER SHRINKAGE.

## PRINCIPAL DIMENSIONS:-

LENGTH OVERALL :- 19' 9 1/2"  
 LENGTH WATERLINE :- 16' 0"  
 BEAM (EX SHEERSTAKE) :- 7' 0"  
 DRAUGHT BILGE KEEL :- 2' 6"  
 " FIN KEEL :- 3' 5"  
 DEPLACEMENT BILGE KEEL :- 1.15 TONS.  
 " FIN KEEL :- 1.06 TONS.

H 20

|                                               |                     |
|-----------------------------------------------|---------------------|
| "FELICITY" 20'0" SAILING CRUISER.             |                     |
| DRG. NO. - A.7/1                              | ROUND BILGE VERSION |
| DATE: 21.6.66                                 | LINES & OFFSETS     |
| SCALE: 1" = 1'0"                              |                     |
| IAN L. ANDERSON A.M.R.I.N.A. NAVAL ARCHITECT. |                     |
| 7. HAULEY RD. DARTMOUTH DEVON.                |                     |