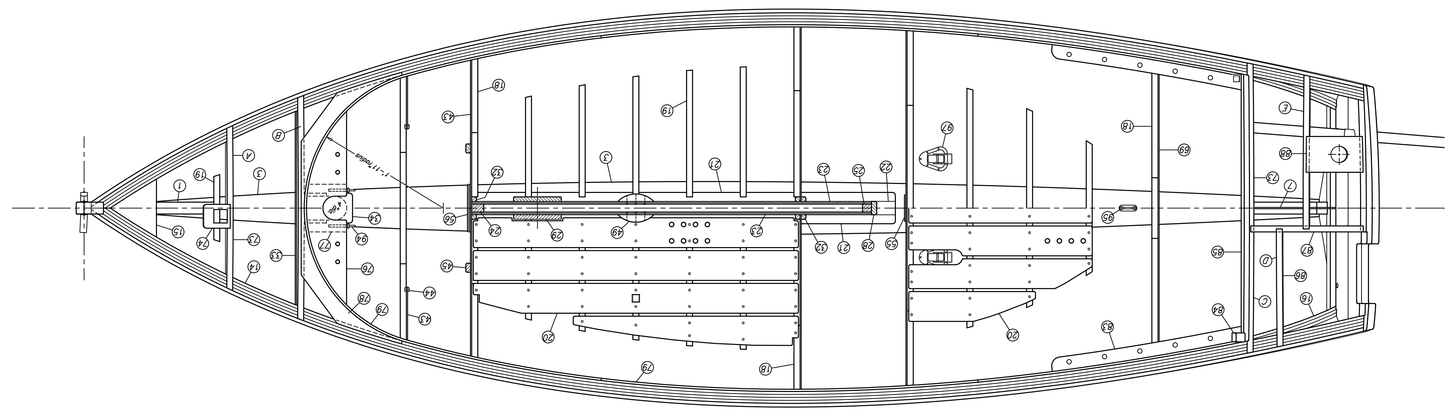
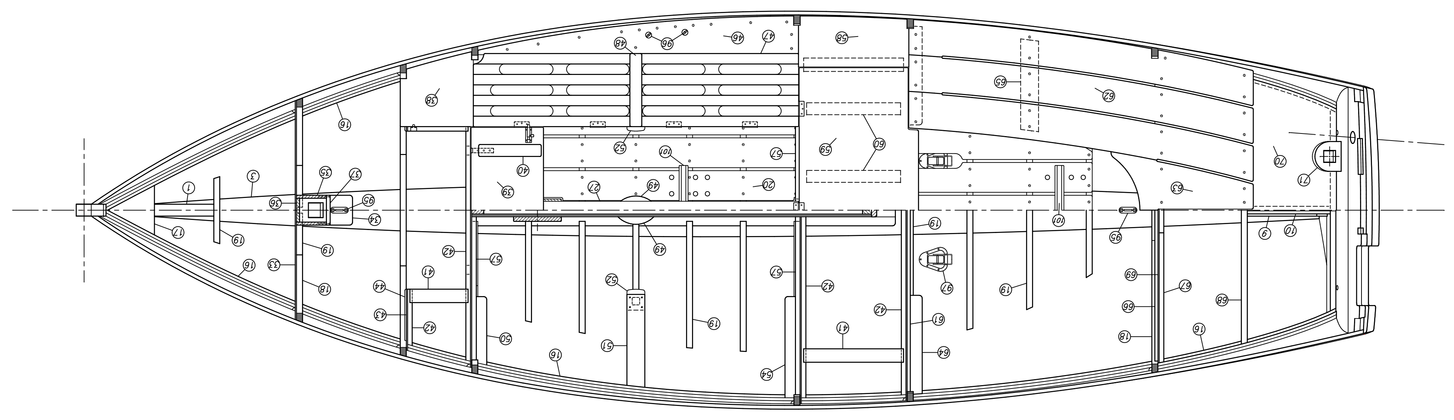
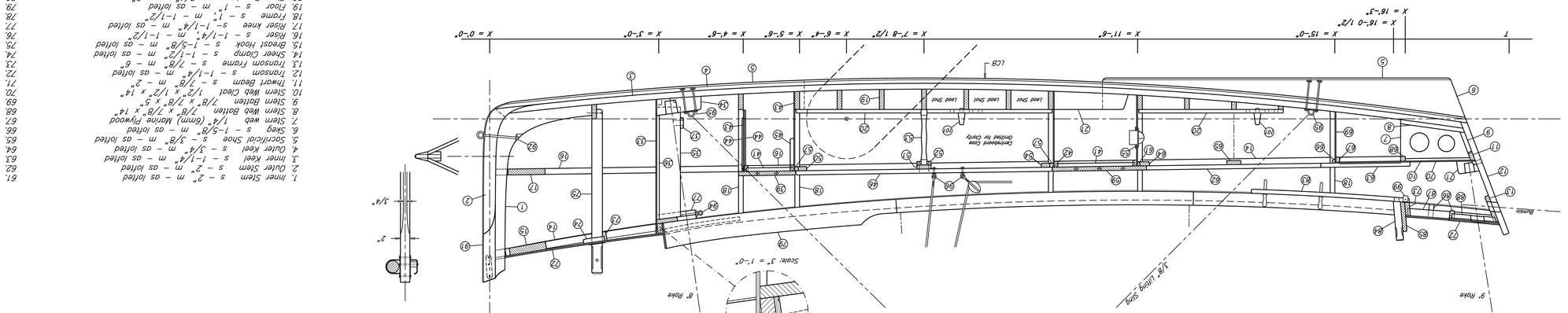
D18 "MYST" Design No.14
Construction Plan and Specifications
Don Kurylko, Designer Nelson, B.C. Canada
September 1, 2002 Scale: 1" = 1'-0"
Drawing #1402







1. Inner Stem s – 2" m – os lofted
2. Outer Stem s – 2" m – os lofted
3. Inner Keel s – 1-1/4" m – os lofted
4. Outer Keel s – 3/4" m – os lofted
5. Sole s – 1-3/8" m – os lofted
6. Seat s – 1-3/8" m – os lofted
7. Stem web s 1/4" (6mm) Marine Plywood
8. Stem Web Gusset s 3/8" x 2-3/8" x 14"
9. Stem Bottom s 3/8" x 2-3/8" x 5"
10. Stem Web Gusset s 1/2" x 1/2" x 14"
11. Transom s 1-1/4" m – os lofted
12. Deck s 1" m – os lofted
13. Transom Frame s 1-1/2" m – 6"
14. Sheer Clamp s 1-1/2" m – os lofted
15. Breast Hook s 1-5/8 m – os lofted
16. Keel s 1-1/4" m – 1-1/2"
17. Keel Knee s 2"–1-1/4" m – os lofted
18. Frame s 1" m – 1-1/2"
19. Floor s 1" m – os lofted
20. Floor Boards s 3/4" m – 5"
21. Bed Log s 1-1/2" m – os lofted
22. Case Side s 1/2" (12mm) Marine Plywood
23. Spacer s 2-1/4" m – as lofted
24. Keel Ledge s 1-1/4" m – 2"
25. Spacer s 3/4" m – 1-1/4"
26. Rail Ledge s 1-1/4" m – 1-1/2"
27. Cap s 7/8" m – 5"
28. End Cap s 1/2" m – 2-1/4"
29. Pivot Block s – 3/4" m – 8"
30. Pivot Assembly – (see drawing #1401-F5)
31. Centerboard 1"x 11" x 5'-1/2"
32. Web Cleat 3/4" x 3/4" x 12"-1/4"
33. Main Mast Step – (see drawing #1405-F5)
34. Mast Box Side s 1/2" m – 5"
35. Mast Box Side s – 1/2" m – 4"
36. Mast Box Back s – 1/2" m – 4"
37. Mast Heel Stop 5/8" x 2-1/4" x 5"
38. Fwd Thwrt – Fixed s – 7/8" m – 12-1/2"
39. Fwd Thwrt – Hinged s – 7/8" m – 12-1/2"
40. Fwd Thwrt Cleat 3/4" x 2" x 10-1/2"
41. Cross Member s – 3/4" m – 2-1/4"
42. Thwrt Beam s – 3/4" m – 1-1/4"
43. Thwrt Web 1/4" (6mm) Marine Plywood
44. Web Trim Piece s – 1/4" m – 3/4"
45. Hinge Bearing Cleat 3/4" x 1-1/2" x 6"
46. Side Bench 3 sections x 7/8" x 6" x 4'-6-1/2"
47. Cradle 7 sections x 7/8" x 1-3/4" x 4'-6-1/2"
48. Cradle Cleat 7/8" x 2" x 12"-1/4"
49. Cradle Support s – 1" m – 1-1/4"
50. Fwd Bench Support 7/8" x 1-3/4" x 11"-1/2"
51. Mid Bench Support 7/8" x 3"x 15"-1/2"
52. Mid Bench Support Cleat 7/8" x 3" x 3"-1/2"
53. Strongback s – 1-1/4" x 1-1/4" x 12" stopped to fit
54. Aft Bench Support 7/8" x 1-3/4" x 17"
55. Compass Bearing Piece 1/4" (6mm) marine plywood
56. Rope Pump Bearing Piece 1/2" (12mm) marine plywood
57. Trim Piece / Cradle Support s – 3/4" m – 7/8"
58. Aft Thwrt – Fixed s – 7/8" m – 18-1/2"
59. Aft Thwrt – Hinged s – 7/8" m – 20"
60. Aft Thwrt Cleat 3/4" x 2" x 15-3/4"
61. Aft Thwart Trim Piece s – 1/2" m – 7/8"
62. Stem Sheet Bench 3 sections – 7/8" x 6"
63. Stem Sheet Centre Section s – 7/8" m – os lofted
64. Stem Sheet Bench Support 7/8" x 2" x 16-3/8"
65. Stem Sheet Bench Cleat 7/8" x 3" x 15-1/2"
66. Stem Sheet Trim Piece s – 1/2" m – 7/8"
67. Thwrt Beam s – 3/4" m – 1"
68. Thwrt Beam s – 1" m – 1"
69. Buoyancy Tank Web 1/4" (6mm) marine plywood
70. Buoyancy Tank Top 1/4" (6mm) marine plywood
71. Mizzen Mast Step (see drawing #1405-F5)
72. Deck Beams s – 1" m – os lofted
73. Mast Step Partner s – 1-1/2" m – 8-1/2"
74. Samson Post 2-1/4 x 2-1/4" x 35"
75. Samson Post Bearing Piece 7/8" x 4" x 4-1/2"
76. Coaming Frame s – 7/8" m – os lofted
77. Mast Step Partner Cleats s – 1" m – 2
78. Mast Mast Partner s – 7/8" m – 8-1/2"
79. Coaming s – 3/8" m – 6" fwd m – 3" aft
80. Hub Strip s – 1/4" m – 1-1/8"
81. Trim Strip s – 1/2" m – 3/4"
82. Toe Rail s – 1" m – 2-1/4"
83. Pin Rail 7/8" x 5" x 34"
84. Quarter Bliss 1-1/2" x 1-1/2" x 9-1/4"
85. Deck Rail 7/8" x 6-1/2" x 45"
86. Half Beam s – 1" m – 1-1/2" (as lofted)
87. Centre Beam s – 1" m – 1-1/2"
88. Mizzen Mast Partner 7/8" x 6" x 9-1/2"
89. Motor Box Trim s – 3/8" m – 2"
90. Rail Cap s – 3/8" m – 1"
91. Stem Band s – 2" bronze half oval
92. Bobstay Bolt 3/8" bronze shoulder eye bolt
93. Mast Gate 1/4" bronze flat bar
94. Mast Gate Eye Bolt 3/8" x 6" bronze shoulder eye bolt
95. Lifting Eye minimum SWL – 2500 lbs
96. Bilge Pump minimum 10 gpm capacity
97. Automatic Self-Bailer port and starboard
98. Bilge Pump Handle 1/8" x 1" bronze flat bar
99. Bilge Pump Fitting 1/8" x 1" bronze plate
100. Outboard Motor Clamp Plate 1/8" bronze plate
101. Foot Brace (see drawing #1404 for dimensions)
102. Motor Inspection Port 4 dia openings
103. Rudder Assembly (see drawing #1404)