

Seal 28

Aztec Specification & Rigging Dimensions

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“AZTEC” Seal 28, Built by John Baker

Year 1978

Topsides re-sprayed yellow 1994 (2 part epoxy believed Blakes 20250 “Inca”)

Hull (below water line) epoxied 1993

Capacities

Fuel Tank 16 gallons

Water tank 35 litre

Gas 2 x Camping Gaz type 907, contains 2.72 kg

LOA	27' 9"	8.46m
LWL	21' 9"	6.63m (more like 23')
Beam	9' 9"	2.97m
Draft keel up	2' 9"	0.84m
Draft keel down	4' 11"	1.5m
Displacement	3.27T	7200 lb
Ballast total	1.32T	2900 lb
(Lift keel	453 kg	1000 lb)
(Stub keel	862 kg	1900 lb)

Sail area	Genoa 260 sq ft
	Luff 9.5m, leach 9.25m, foot 4.75m
	Max length jib luff 9.7m
	Main 150 sq ft
	Luff 8.6m, leach 9.1m, foot 3.2
Mast section	159 x 104mm x 2.6 3.4kg per metre
Mast length	9.775m
Boom section	80 x 110mm
Boom length	3.59m (from back of mast)

STANDING RIGGING	Wire eye-eye	Screw+ toggle	Total
Forestay 6mm	10.39 -13mm	0.23	10.62m
Back stay 6mm	10.77	0.31	11.08m
Cap shrouds 6mm	9.48	0.33	9.81m
Lower shrouds 5mm	5.20	0.285	5.48m
Baby stay 5mm	4.35	0.295	4.645m

RUNNING RIGGING	winch needed	cockpitropes	dia.mm	length m
main halliard Green	yes	yes 1	10	24
main reef 1 Green	yes	yes 2	8	6+10
main reef 2 Red	yes	yes 2	8	9+12
main clew outhaul White	yes	yes 1	8	7
main topping lift White	no	no 1	8	22
main kicker White	no	no 1	10	6

Seal 28 Original Sail plan "AZTEC" A SEAL 28

Scale 1:50

LOA	27' 9"	8.46m
LWL	21' 9"	6.63m
Beam	9' 9"	2.97m
Draft keel up	2' 9"	0.84m
Draft keel down	4' 11"	1.5m
Displacement	3.27T	7200 lb
Ballast	1.32T	2900 lb
Sail area	genoa	260 sq ft
	main	150 sq ft
Max length jib luff	9.7m	
Height mast		9.8m

OLD RIGGING

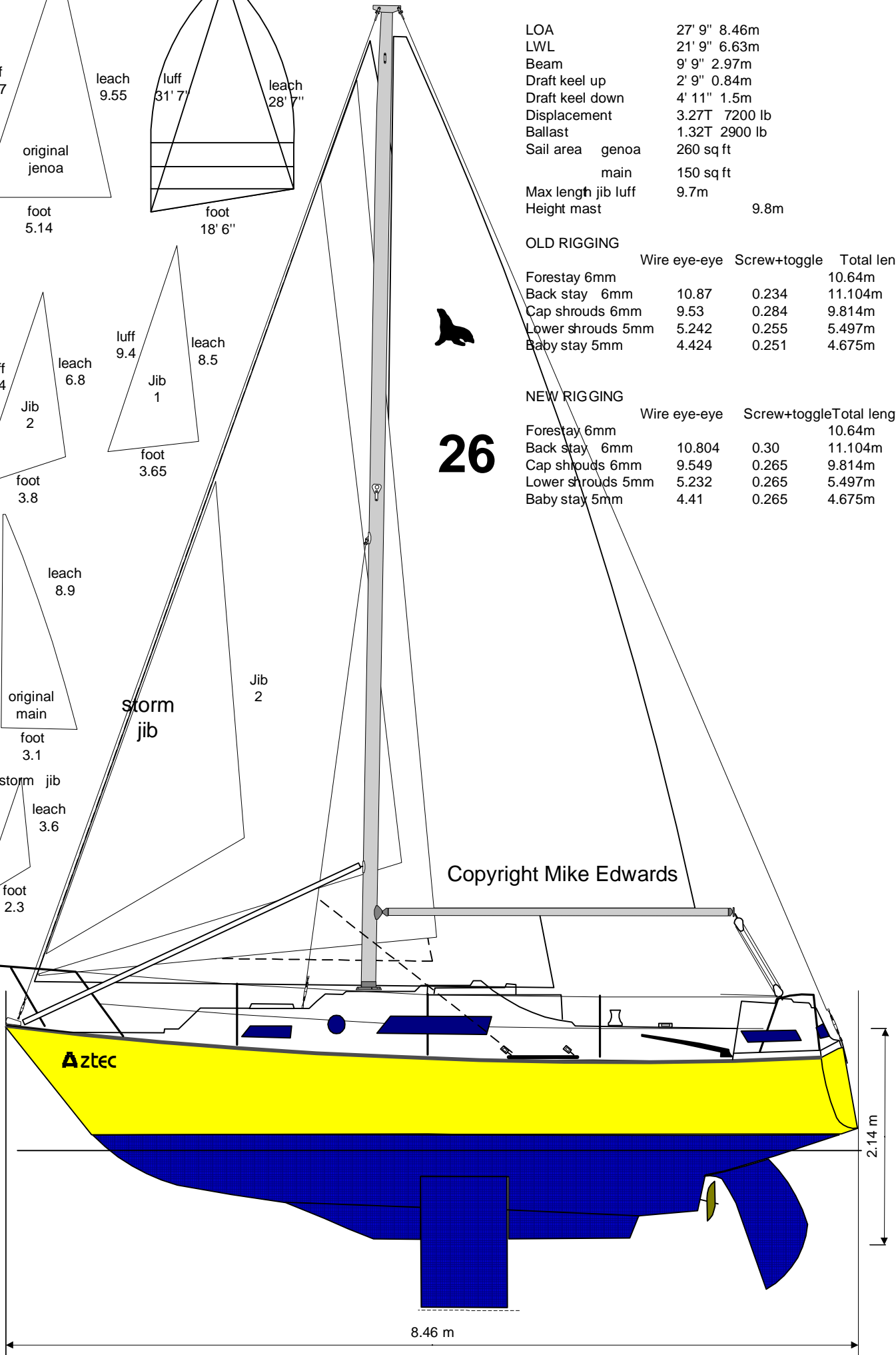
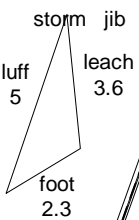
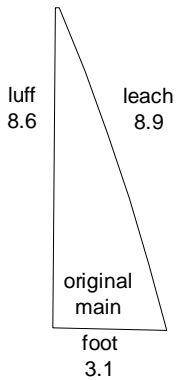
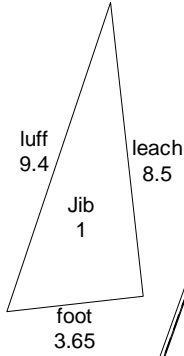
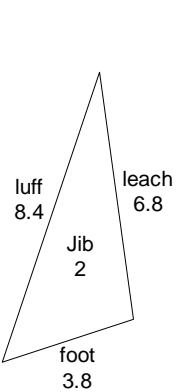
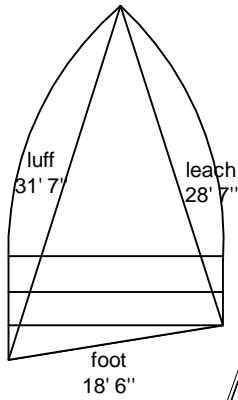
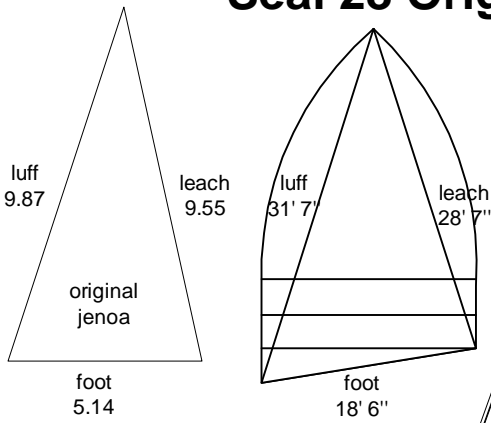
	Wire eye-eye	Screw+toggle	Total length
Forestay 6mm			10.64m
Back stay 6mm	10.87	0.234	11.104m
Cap shrouds 6mm	9.53	0.284	9.814m
Lower shrouds 5mm	5.242	0.255	5.497m
Baby stay 5mm	4.424	0.251	4.675m

NEW RIGGING

	Wire eye-eye	Screw+toggle	Total length
Forestay 6mm			10.64m
Back stay 6mm	10.804	0.30	11.104m
Cap shrouds 6mm	9.549	0.265	9.814m
Lower shrouds 5mm	5.232	0.265	5.497m
Baby stay 5mm	4.41	0.265	4.675m

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8.46 m

2.14 m

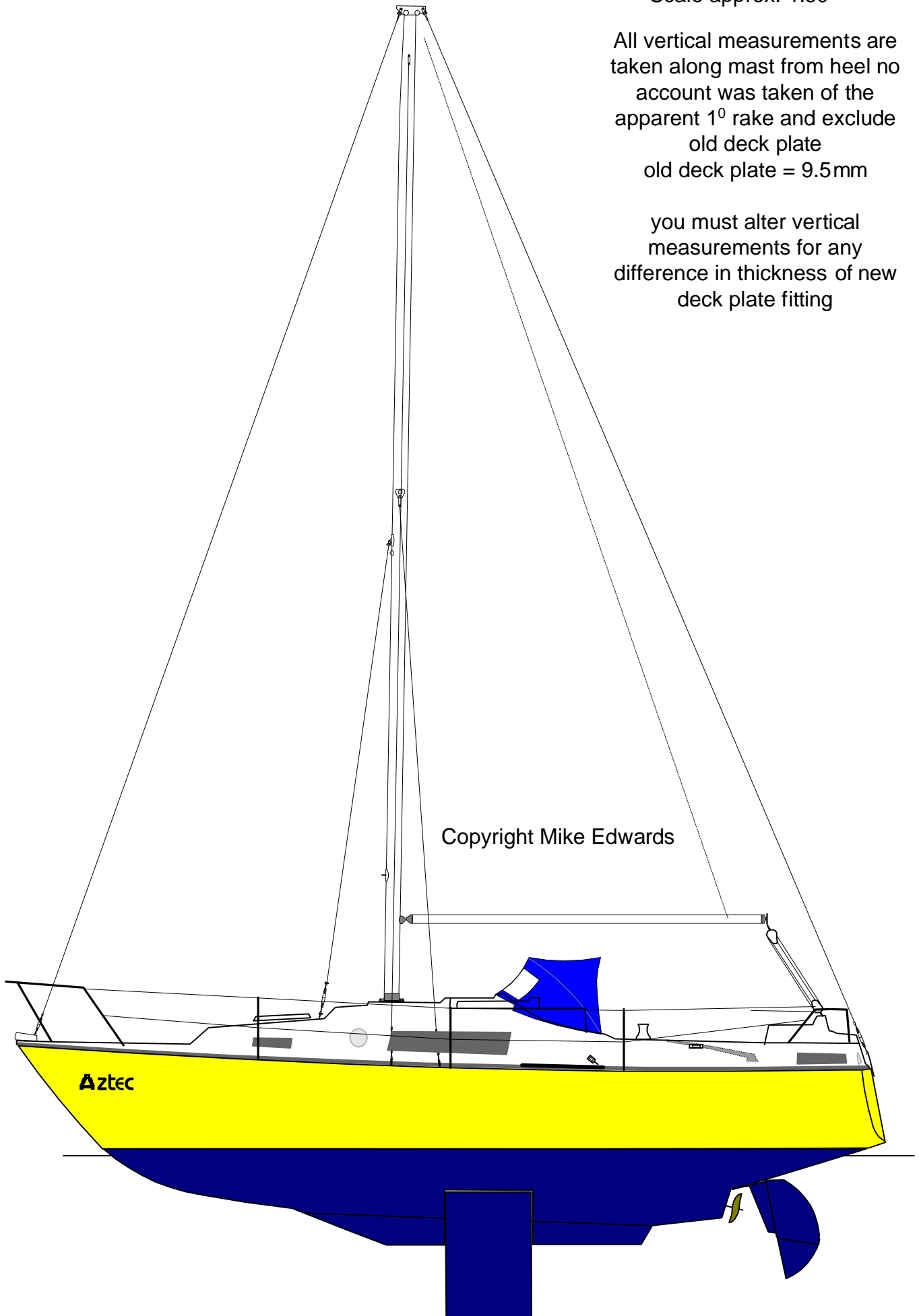
Seal 28 Original mast

"AZTEC"
SEAL 28

Scale approx. 1:50

All vertical measurements are taken along mast from heel no account was taken of the apparent 1° rake and exclude old deck plate
old deck plate = 9.5mm

you must alter vertical measurements for any difference in thickness of new deck plate fitting

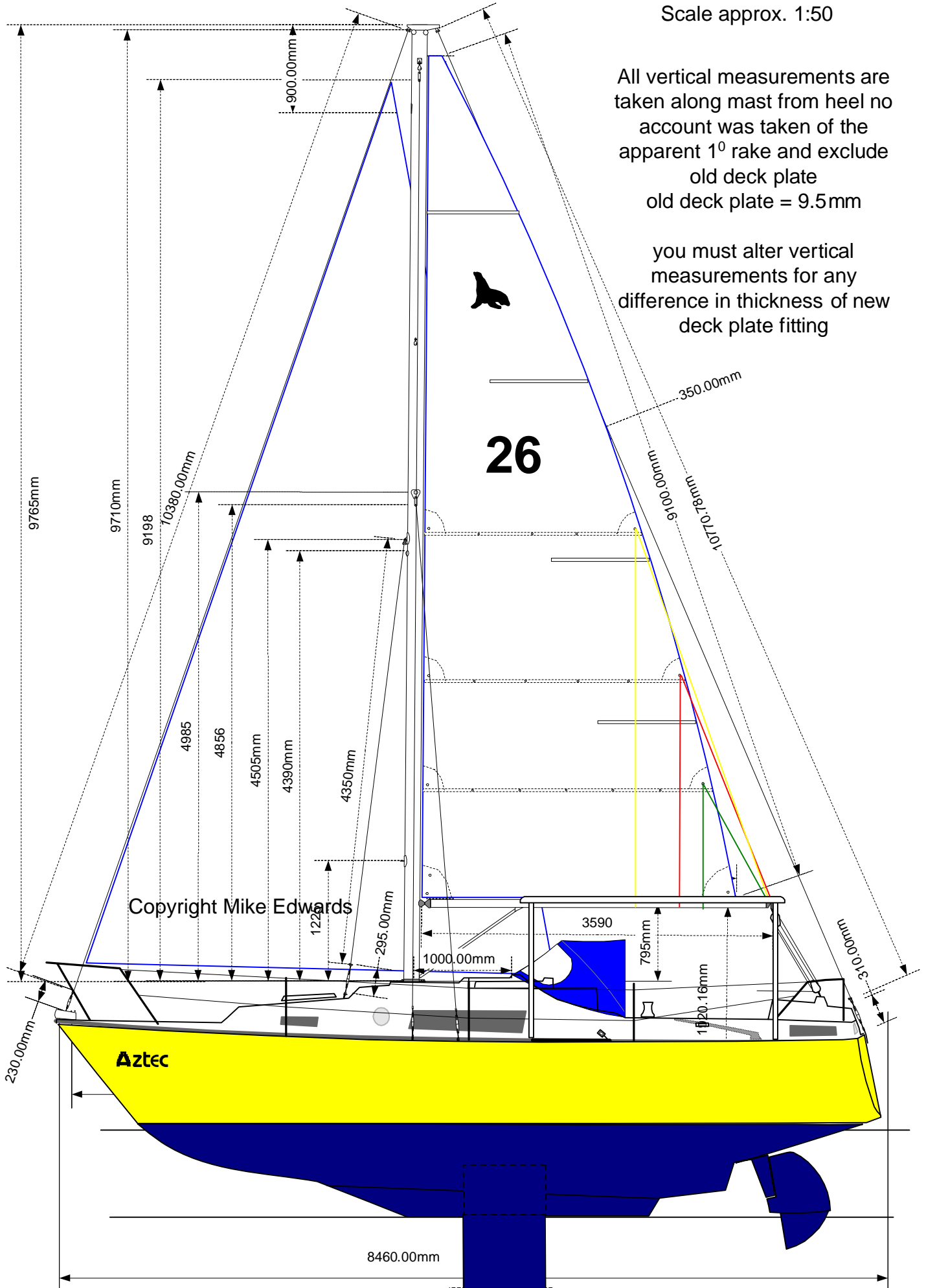


Seal 28 New mast and sails

"AZTEC"
SEAL 28
Scale approx. 1:50

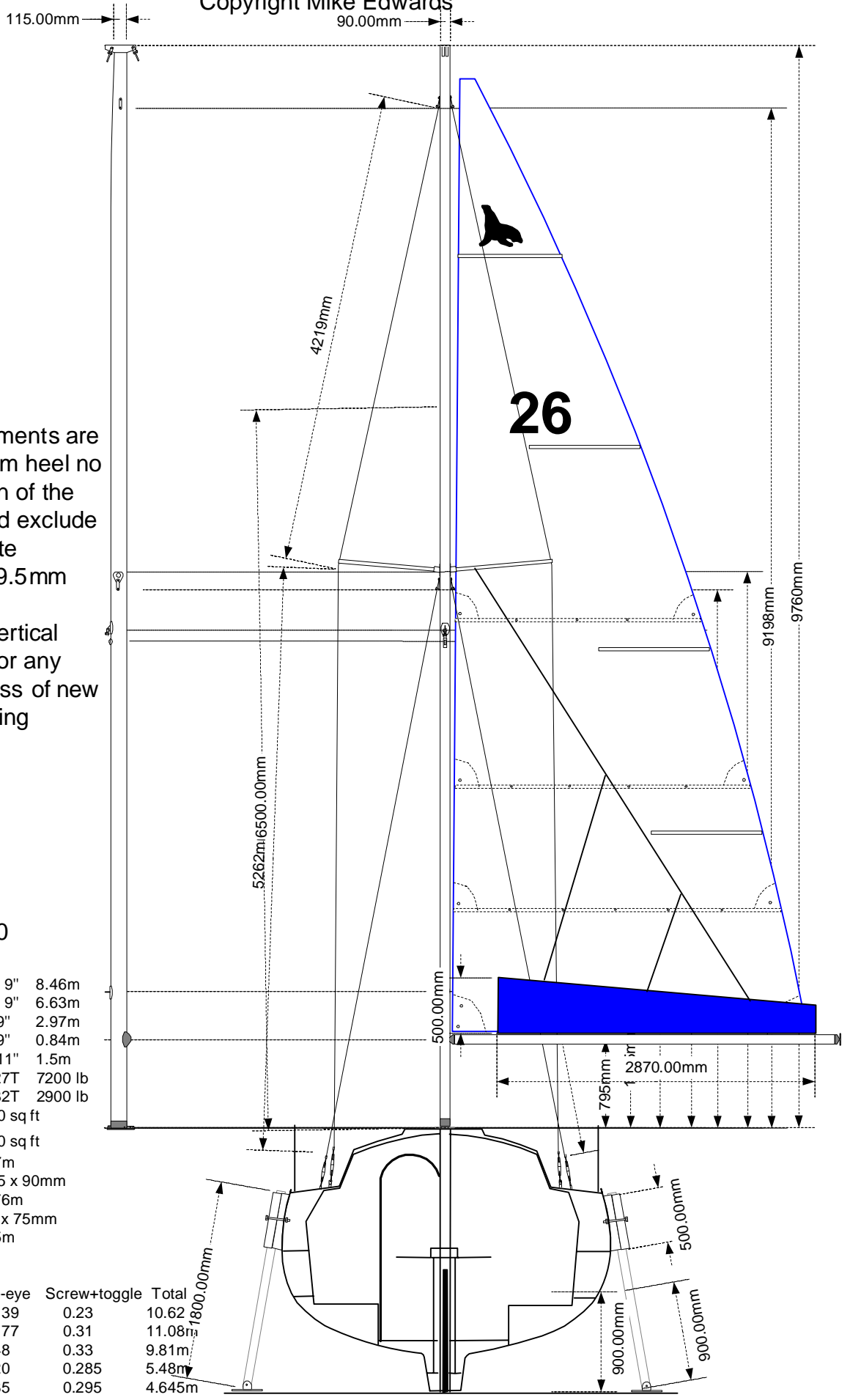
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View from bow

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Scale approx. 1:50

LOA	27' 9"	8.46m
LWL	21' 9"	6.63m
Beam	9' 9"	2.97m
Draft keel up	2' 9"	0.84m
Draft keel down	4' 11"	1.5m
Displacement	3.27T	7200 lb
Ballast	1.32T	2900 lb
Sail area	genoa	260 sq ft
	main	150 sq ft
Max length jib luff		9.7m
Mast section		145 x 90mm
Mast length		9.76m
Boom section		75 x 75mm
Boom length		3.5m

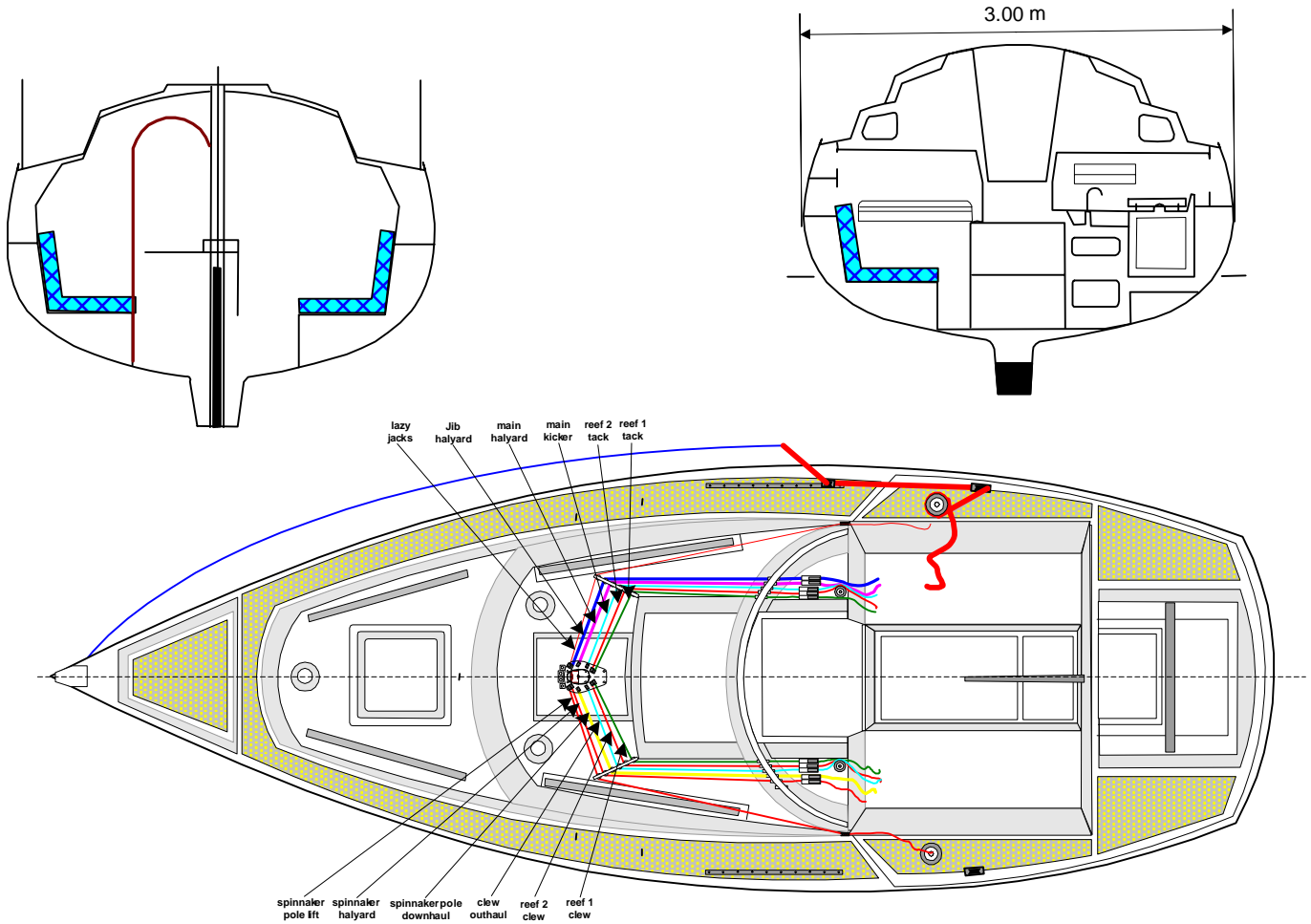
RIGGING

	Wire eye-eye	Screw+toggle	Total
Forestay 6mm	10.39	0.23	10.62m
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Seal 28 deck layout

Scale approx. 1:50

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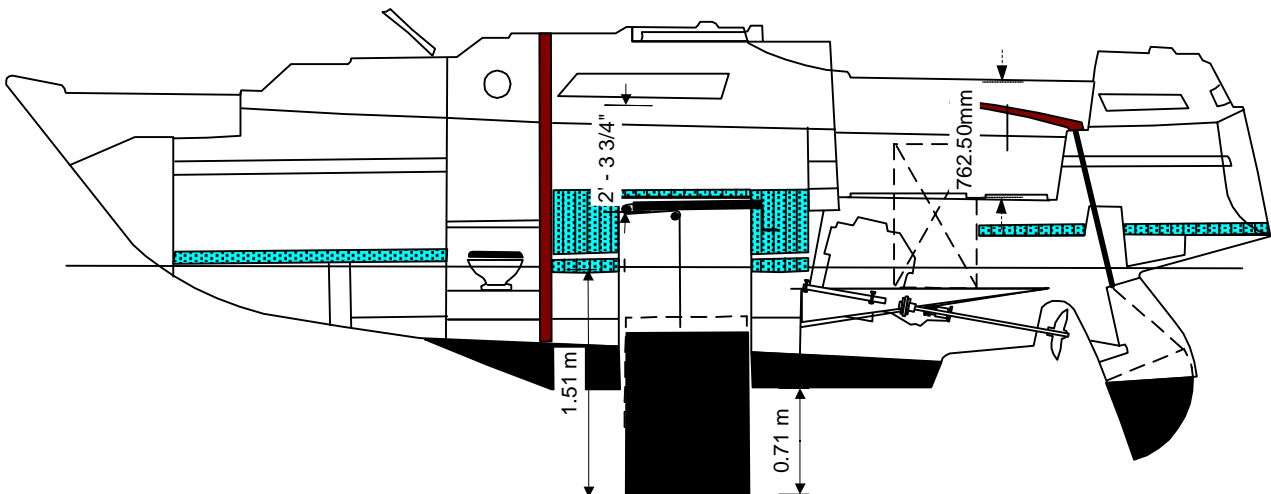
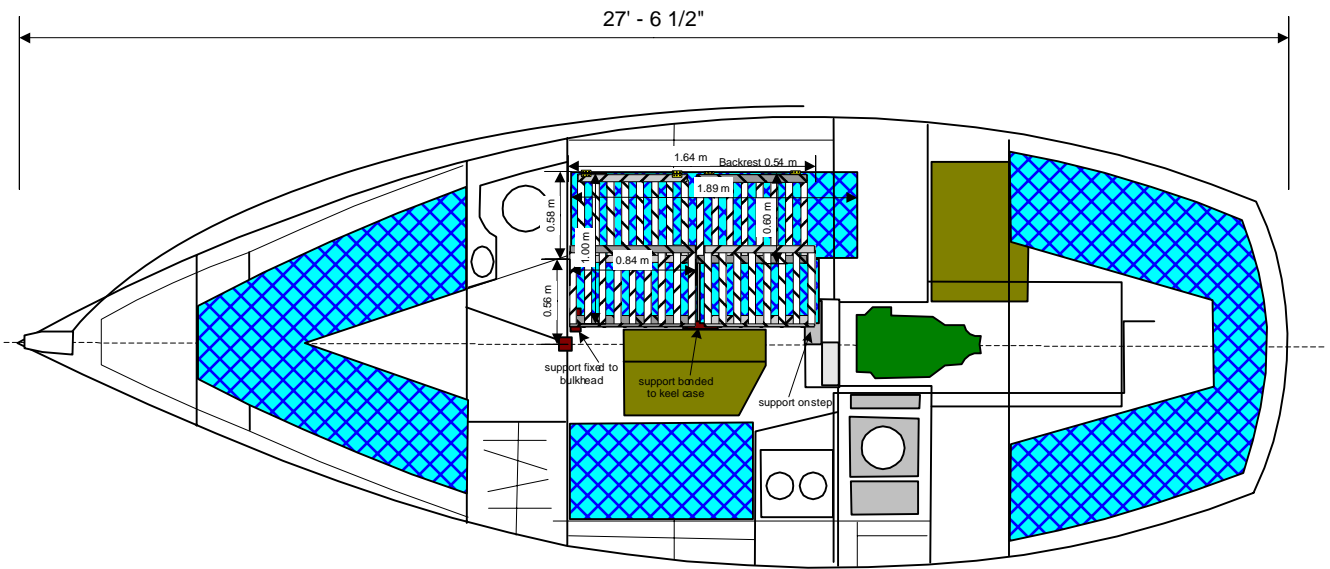
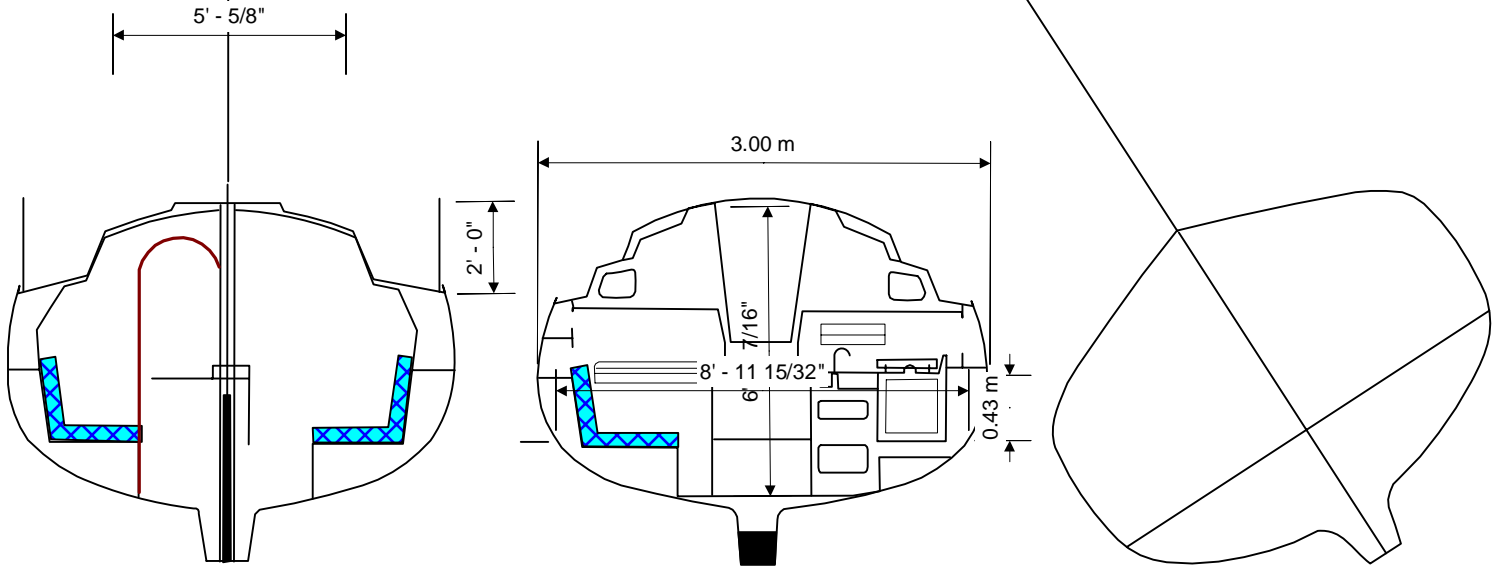
Running Rigging

Rope	winch needed	cockpit	ropes	dia. mm	length m
main halliard	yes	1 yes	1	10	24
main reef 1	yes	2 yes	2	8	5+9
main reef 2	yes	3 yes	2	8	7+11
main clew	yes	4 yes	1	8	7
main topping lift	no		1	8	22
main kicker	no		1	10	6
spinnaker halliard	no	5 yes	1	10	22
spinnaker pole lift	no	7 yes	1	8	12
spinnaker pole downhaul	no	8 yes	1	8	4
jib halliard	yes	6 yes	1	10	24
main sheet	no	yes	1	10	
jib sheet x 2		yes	yes	2	14
spinnaker sheet x 2	yes	yes	2	8	

Seal 28 Internal layout plans

Scale approx. 1:50

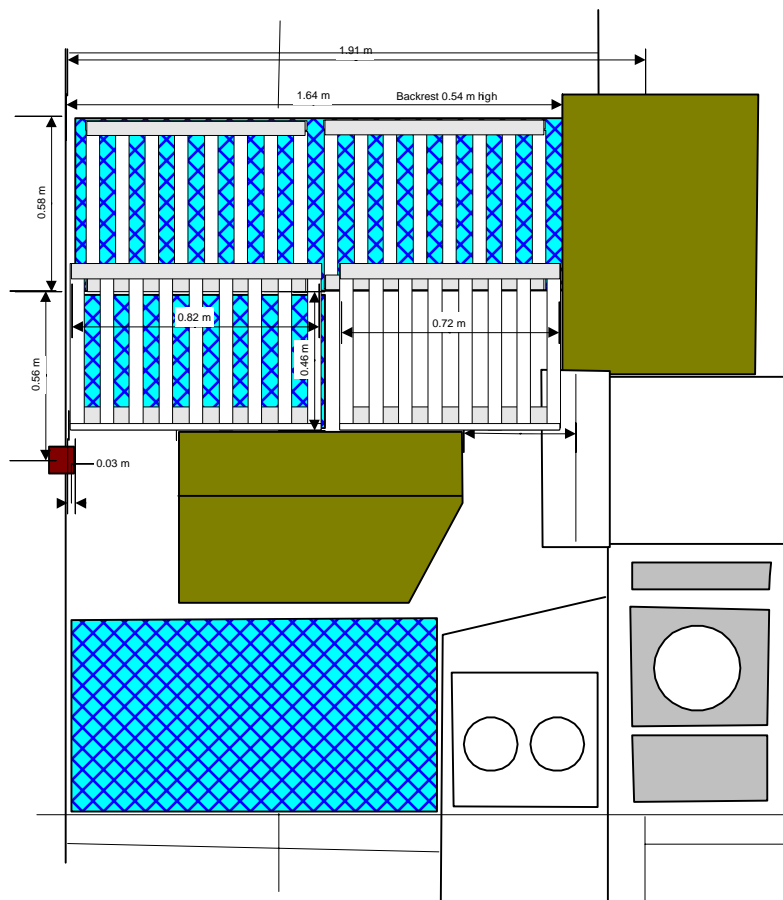
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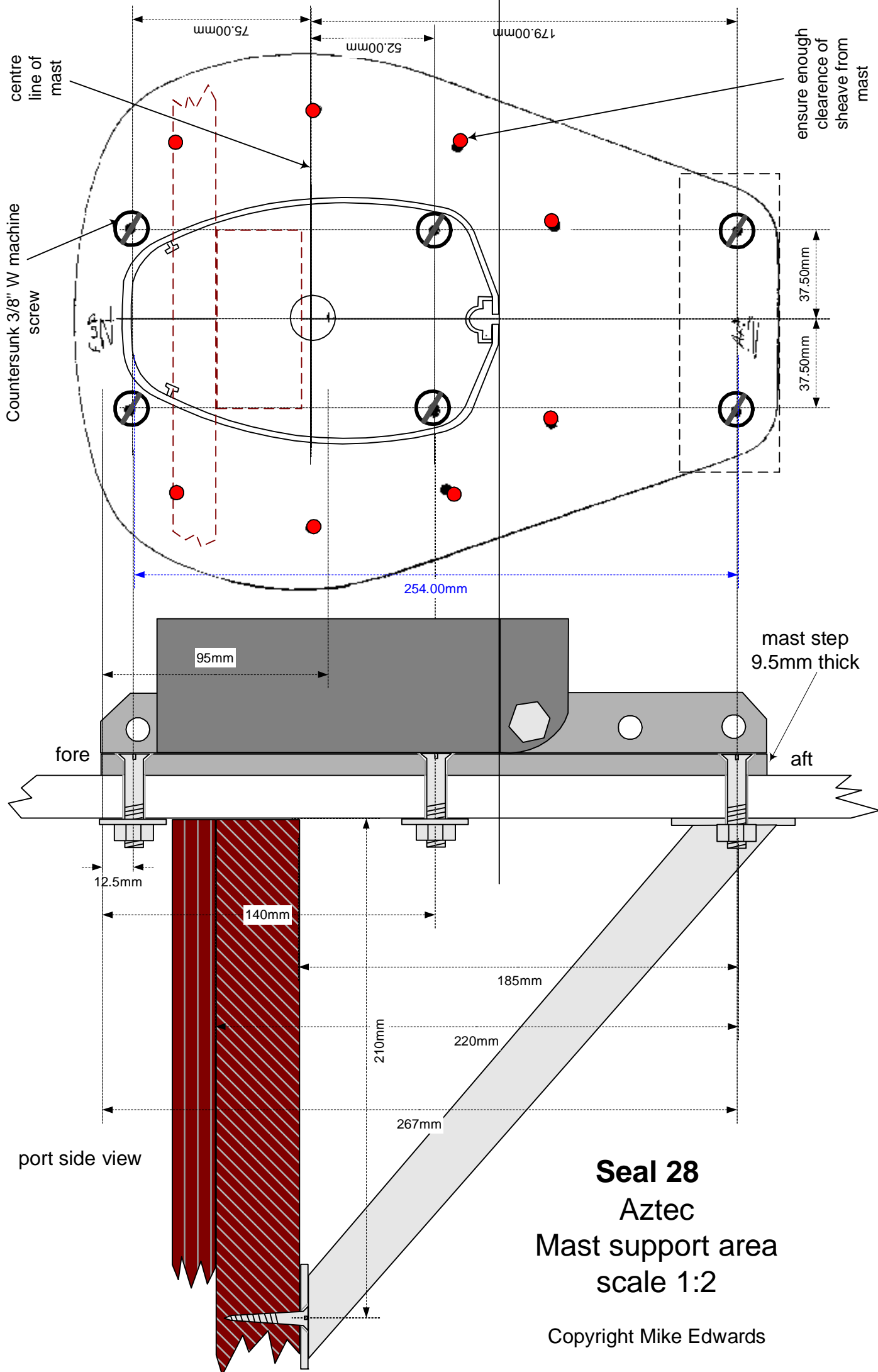


Seal 28 Saloon berth layout

Scale approx. 1:25

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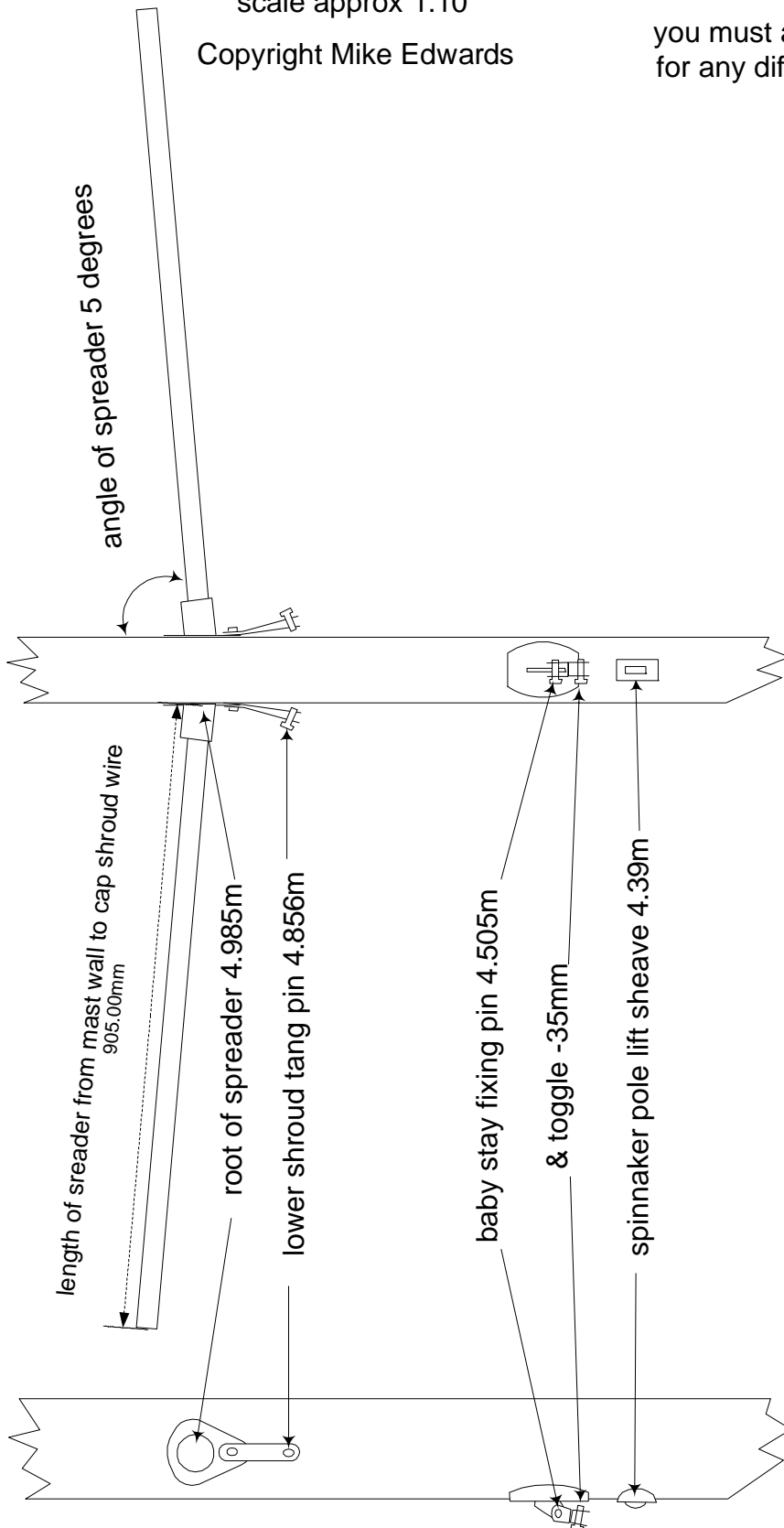


Seal 28 Aztec Mast spreader area

All measurements are taken along mast
from heel no account was taken of the
apparent 1° rake and exclude old deck
plate
old deck plate = 9.5mm

scale approx 1:10
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you must alter vertical measurements
for any difference in thickness of new
deck plate fitting



Seal 28 Aztec Original Mast head area

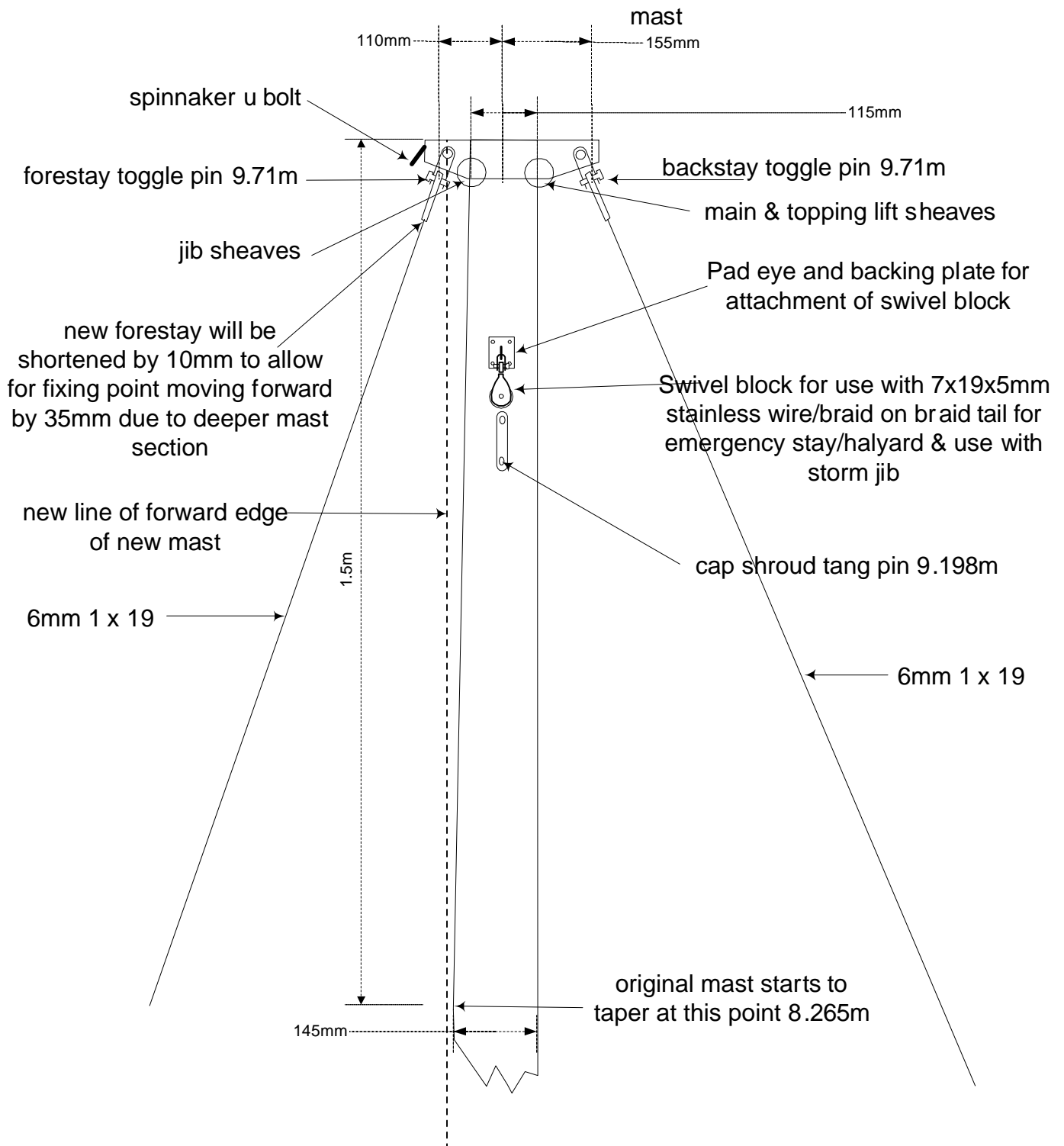
scale approx 1:10

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All measurements are taken along mast
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old deck plate = 9.5mm

you must alter vertical measurements
for any difference in thickness of new
deck plate fitting.

Finished height of new mast will depend
on masthead extrusion taking into
account fore & back stay toggle pins
need to remain at 9.71m from heel of
mast



Seal 28 Aztec New Mast head area

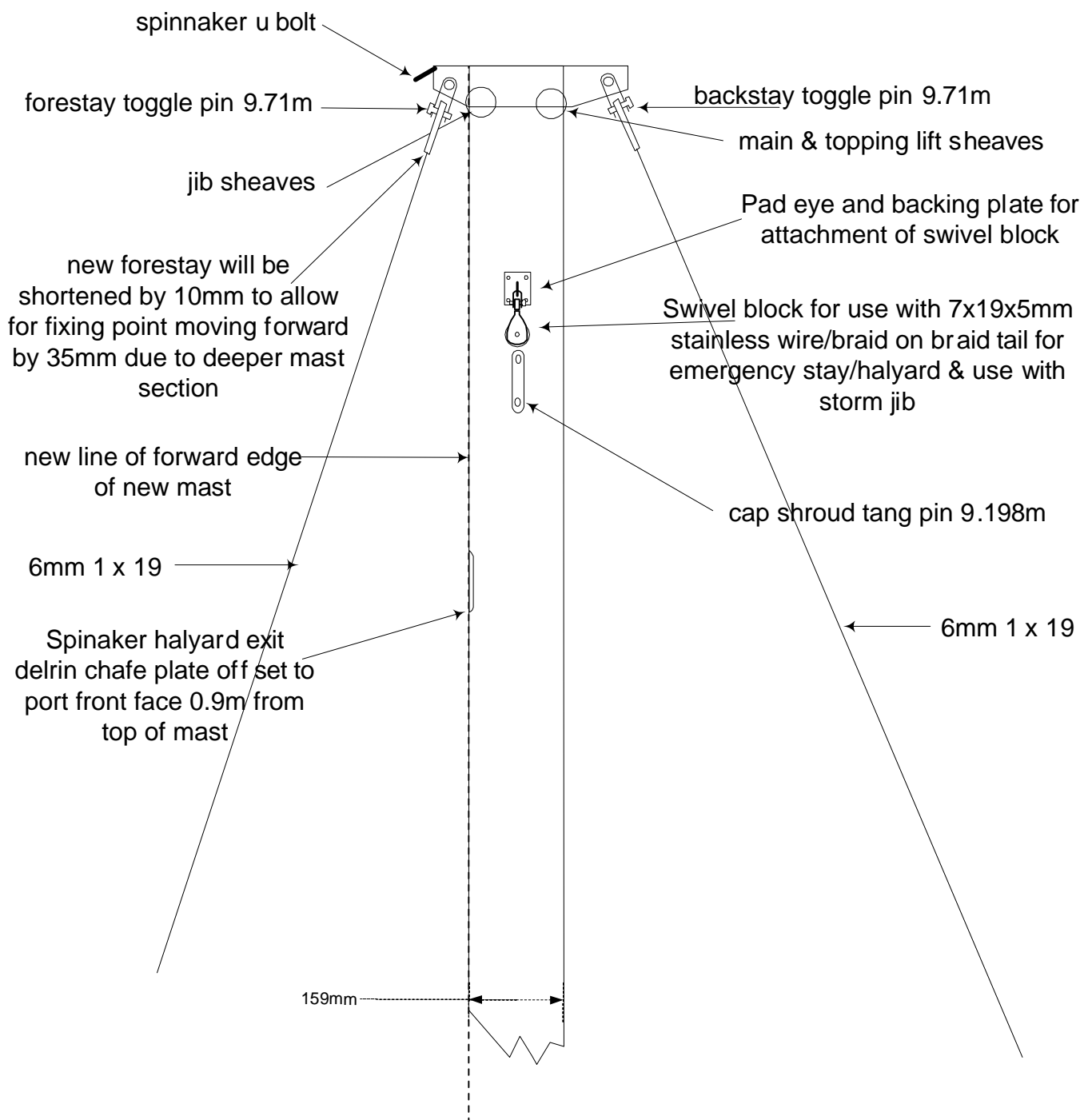
scale approx 1:10

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All measurements are taken along mast from heel no account was taken of the apparent 1° rake and exclude old deck plate
old deck plate = 9.5mm

you must alter vertical measurements for any difference in thickness of new deck plate fitting.

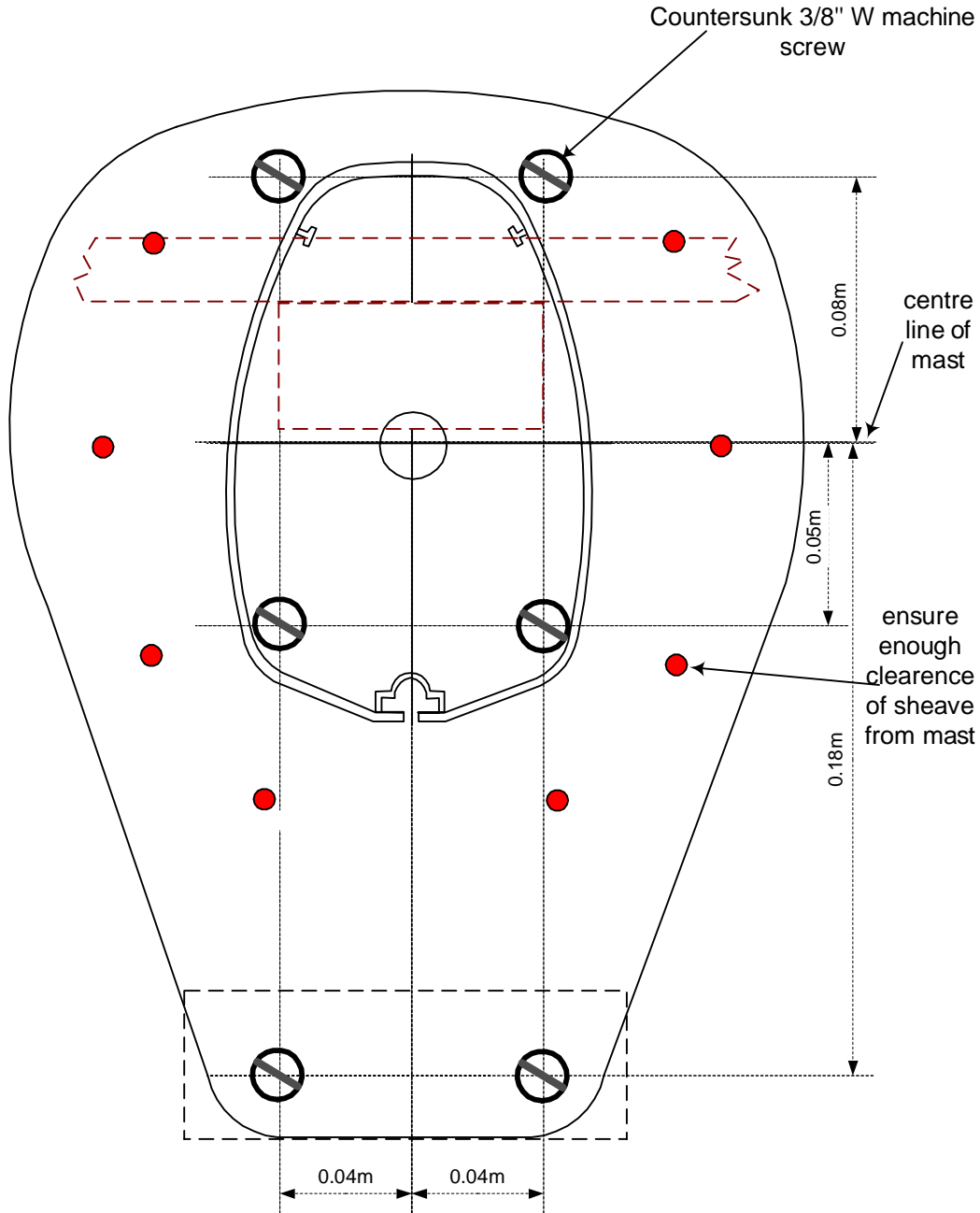
Finished height of new mast will depend on masthead extrusion taking into account fore & back stay toggle pins need to remain at 9.71m from heel of mast



Seal 28 Mast foot plate

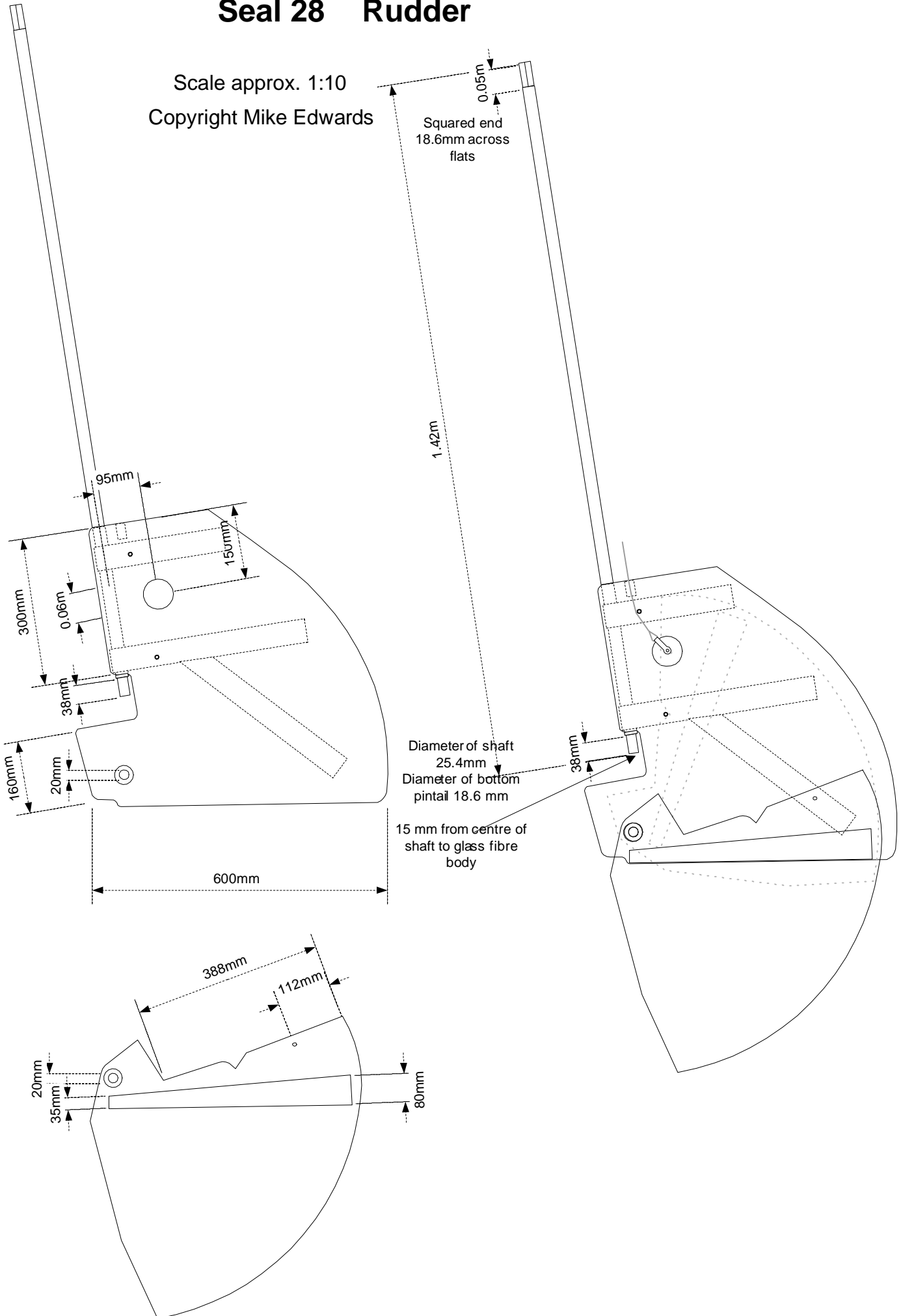
Scale approx. 1:2

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Seal 28 Rudder

Scale approx. 1:10
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Seal 28 Winter cover and Cradle

Scale approx. 1:50

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