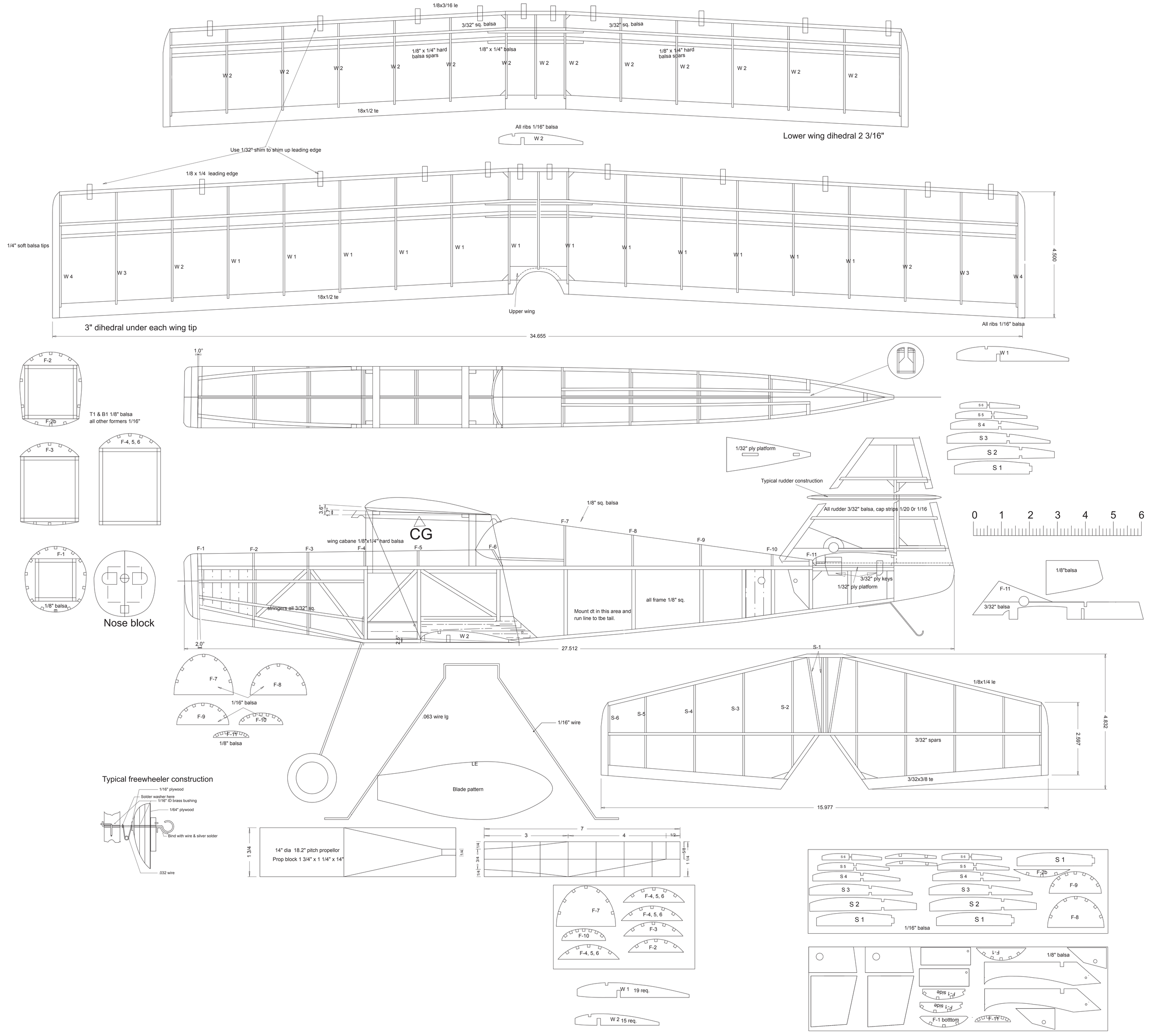
1/8x3/16 le
3/32" sq. balsa
3/32" sq. balsa
1/8" x 1/4" hard balsa spars
1/8" x 1/4" balsa
1/8" x 1/4" hard balsa spars
W 2
18x1/2 te
All ribs 1/16" balsa
W 2
Lower wing dihedral 2 3/16"
Use 1/32" shim to shim up leading edge
1/8 x 1/4 leading edge
1/4" soft balsa tips
W 4
W 3
W 2
W 1
18x1/2 te
Upper wing
4.500
3" dihedral under each wing tip
All ribs 1/16" balsa
34.655
F-2
F-2b
T1 & B1 1/8" balsa
all other formers 1/16"
1.0°
W 1
S 6
S 5
S 4
S 3
S 2
S 1
F-3
F-4, 5, 6
1/32" ply platform
Typical rudder construction
All rudder 3/32" balsa, cap strips 1/20 0r 1/16
0 1 2 3 4 5 6
3.6°
1.7°
CG
1/8" sq. balsa
wing cabane 1/8"x1/4" hard balsa
F-1
F-2
F-3
F-4
F-5
F-6
F-7
F-8
F-9
F-10
F-11
3/32" ply keys
1/32" ply platform
1/8"balsa
F-11
3/32" balsa
F-1
1/8" balsa
Nose block
stringers all 3/32" sq.
Mount dt in this area and run line to tbe tail.
all frame 1/8" sq.
W 2
2.0°
27.512
F-7
F-8
1/16" balsa
F-9
F-10
F-11
1/8" balsa
.063 wire lg
1/16" wire
LE
Blade pattern
S-1
1/8x1/4 le
S-6
S-5
S-4
S-3
S-2
3/32" spars
3/32x3/8 te
4.832
2.597
15.977
Typical freewheeler construction
1/16" plywood
Solder washer here
1/16" ID brass bushing
1/64" plywood
Bind with wire & silver solder
.032 wire
1 3/4
14" dia 18.2" pitch propellor
Prop block 1 3/4" x 1 1/4" x 14"
1/4
7
3
4
1/2
1/4
3/4
1/4
5/8
1 1/4
F-7
F-4, 5, 6
F-4, 5, 6
F-3
F-10
F-2
F-4, 5, 6
W 1 19 req.
W 2 15 req.
S 6
S 5
S 4
S 3
S 2
S 1
S 1
F-2b
F-9
F-8
1/16" balsa
F-1
1/8" balsa
F-1 slde
F-1 slde
F-1 botttom
F-11