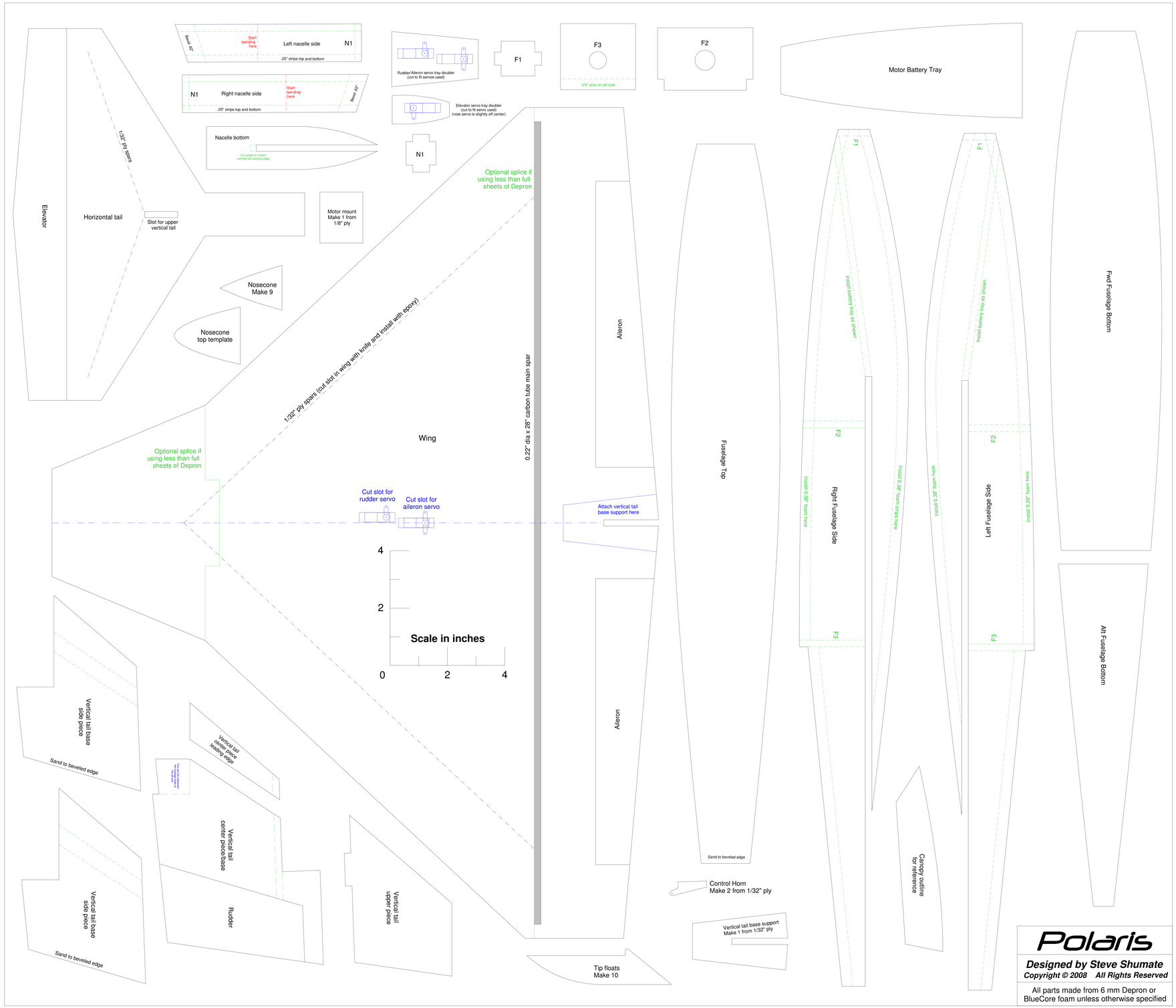
Left nacelle side
N1
Start bending here
Bevel 60°
.25" strips top and bottom
Right nacelle side
N1
Start bending here
Bevel 60°
.25" strips top and bottom
Rudder/Aileron servo tray doubler (cut to fit servos used)
Elevator servo tray doubler (cut to fit servo used) (note servo is slightly off center)
F1
F3
3/8" strip on aft side
F2
Motor Battery Tray
Nacelle bottom
Cut angle to match vertical tail leading edge
N1
Elevator
Horizontal tail
1/32" ply spars
Slot for upper vertical tail
Motor mount Make 1 from 1/8" ply
Optional splice if using less than full sheets of Depron
Nosecone Make 9
Nosecone top template
1/32" ply spars (cut slot in wing with knife and install with epoxy)
Wing
0.22" dia x 28" carbon tube main spar
Aileron
Fuselage Top
F1
Install battery tray as shown
F2
Install 0.38" foam here
Right Fuselage Side
Install 0.38" foam strips here
Install 0.38" foam here
F3
F1
Install battery tray as shown
F2
Left Fuselage Side
Install 0.38" foam here
F3
Fwd Fuselage Bottom
Aft Fuselage Bottom
Optional splice if using less than full sheets of Depron
Cut slot for rudder servo
Cut slot for aileron servo
Attach vertical tail base support here
4
2
Scale in inches
0
2
4
Vertical tail base side piece
Sand to beveled edge
Vertical tail base side piece
Sand to beveled edge
Vertical tail center piece/base
Vertical tail leading edge
Rudder
Vertical tail upper piece
Aileron
Tip floats Make 10
Sand to beveled edge
Control Horn Make 2 from 1/32" ply
Vertical tail base support Make 1 from 1/32" ply
Canopy outline for reference
Polaris
Designed by Steve Shumate
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All parts made from 6 mm Depron or BlueCore foam unless otherwise specified