

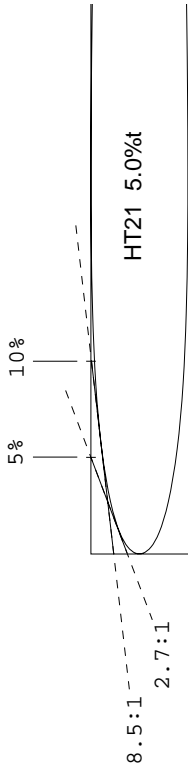
Bubble Dancer

Horizontal Tail

MD 24 Nov 01

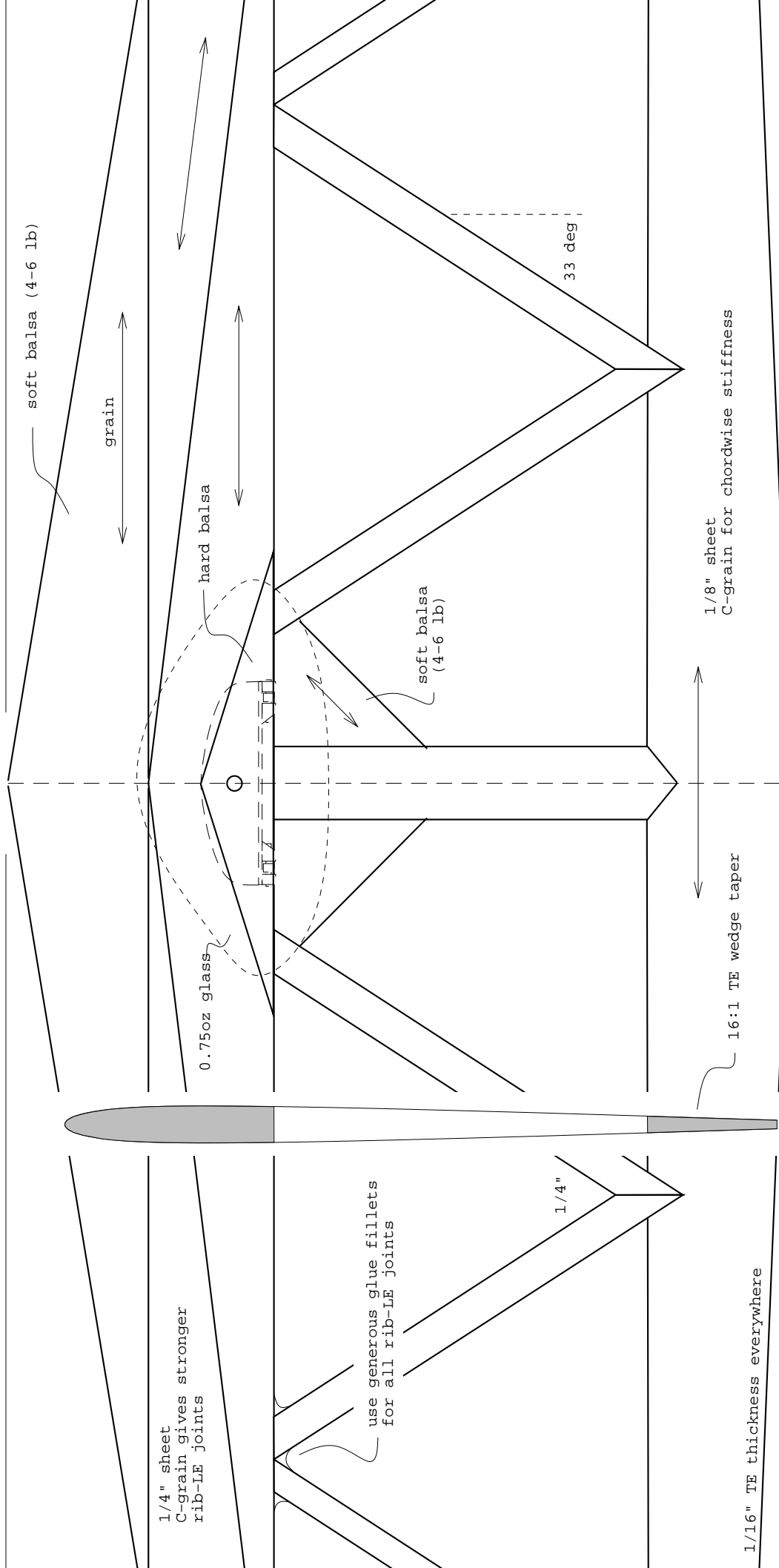
Design (never-exceed) Loads

stab load 7 lb @ 90 mph, CL=0.5
 root bend.mom. 19 lb-in
 root bend.Ixx 2.15e-3 in^4
 root stress 1100 psi



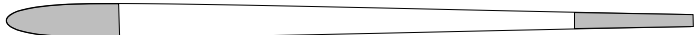
LE tangent-slope shaping data

6-8 lb balsa throughout, except where noted





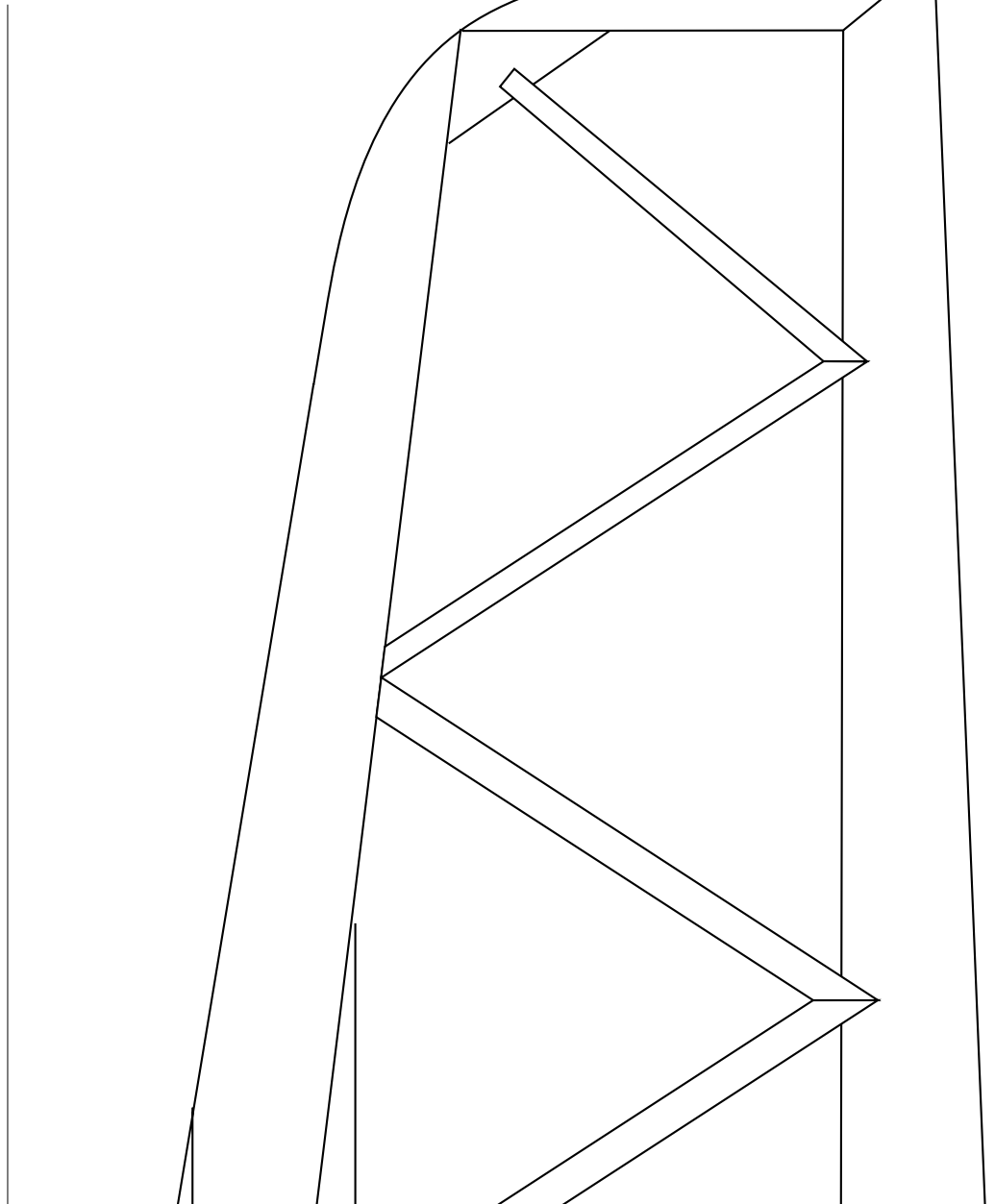
taper to 0.15" thick



3/16"

1/8"





inches

