12mm Ali wing dowles ½" balsa leading edge 1/8"false leading edge Spars 8mm Spruce top and bottom R1 6mm Ply 1/16" ply spar webs Wing tube Wing sheeting 1/32" ply from leading edge to main spar and from rear spar to trailing edge. Ribs capped with 1/32" ply 5/16" wide R2 3mm Ply Aileron servo mount on underside of wing Rear spars 6mm spruce top and bottom R3 3mm Ply 6mm incidence pin Trailing edge 1/2" balsa Trailing edge sections fixed to wing R4 6mm Ply Rib R1A 3mm ply R5 to R 11 3mm Liteply 1/16" ply spar webbing on both sides of spar out to here. 1/16" ply spar webbing on front side of spar only in these bays. Infill between spars and wing tube with hard balsa Wing joiner 32mm Ali tube in phenolic tube outer 650mm long Typical Wing Rib NOTE Wing sheeting not shown on rib outlines Greenley Wing Plan (2 piece wing) 88" span for 38 / 40cc motors Drawn by John Greenfield Nov 2008