



Wing			
Wing area/m ²	0.5	Wing Airfoil	Clark Z
Wing span/m	2.22	Wing Incidence Angle/°	3
Root chord/m	0.34		
Aspect Ratio	2.125		
Horizontal Tail			
HT area/m ²	0.096	HT Airfoil	NACA0007
HT Wing span/m	0.536	HT Incidence Angle/°	0
HT Root chord/m	0.206	HT Moment Arm/m	0.813
HT Aspect Ratio	1.373		
Wing			
VT area/m ²	0.044	VT Wing Airfoil	NACA0007
VT Wing span/m	0.23	VT Moment Arm/m	0.803
VT Root chord/m	0.22		
VT Aspect Ratio	1.375		
VT Tip Chord/m	0.16		
School	Beihang University		
Team	Beihang Aeromodelling Team		
Team Number	002		
Title	3-View Drawings		
Scale	1:4		
Sheet	1 of 3		

Material	Number
Balsa wood 1mm	①
Balsa wood 1.5mm	②
Balsa wood 2mm	③
Balsa wood 3mm	④
Carbon fibre 0.5mm	⑤
Carbon fibre 1mm	⑥
Carbon fibre 2mm	⑦
Paulownia wood	⑧