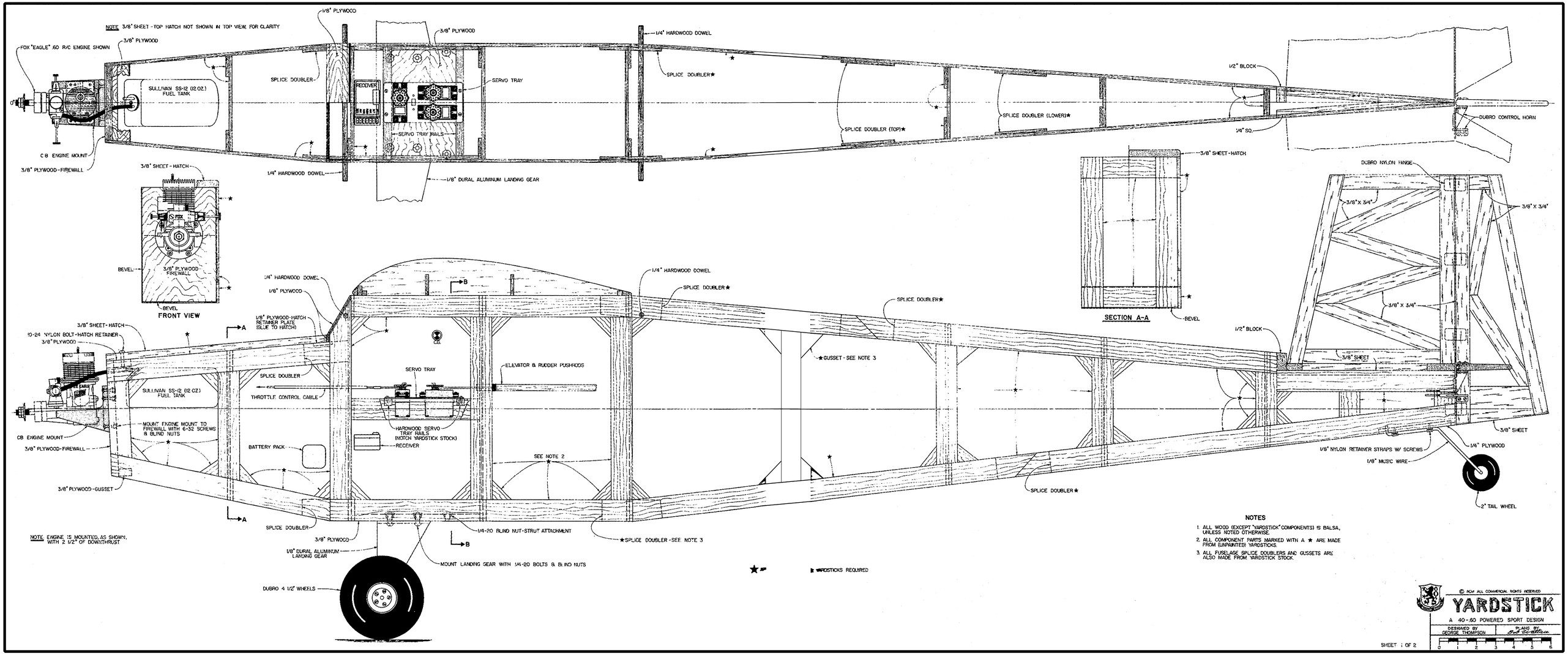
NOTE 3/8" SHEET - TOP HATCH NOT SHOWN IN TOP VIEW, FOR CLARITY
FOX "EAGLE" .60 R/C ENGINE SHOWN
3/8" PLYWOOD
1/8" PLYWOOD
3/8" PLYWOOD
1/4" HARDWOOD DOWEL
SPLICE DOUBLER
SULLIVAN SS-12 (12 OZ.) FUEL TANK
RECEIVER
SERVO TRAY
SERVO TRAY RAILS
SPLICE DOUBLER★
SPLICE DOUBLER (TOP)★
SPLICE DOUBLER (LOWER)★
1/2" BLOCK
1/4" SQ.
DUBRO CONTROL HORN
C B ENGINE MOUNT
3/8" PLYWOOD-FIREWALL
3/8" SHEET-HATCH
1/4" HARDWOOD DOWEL
1/8" DURAL ALUMINUM LANDING GEAR
BEVEL
3/8" PLYWOOD FIREWALL
BEVEL
FRONT VIEW
3/8" SHEET-HATCH
BEVEL
SECTION A-A
DUBRO NYLON HINGE
3/8" X 3/4"
3/8" X 3/4"
3/8" X 3/4"
1/4" HARDWOOD DOWEL
1/8" PLYWOOD
1/8" PLYWOOD-HATCH RETAINER PLATE (GLUE TO HATCH)
SPLICE DOUBLER★
SPLICE DOUBLER★
3/8" SHEET-HATCH
10-24 NYLON BOLT-HATCH RETAINER
3/8" PLYWOOD
SPLICE DOUBLER
SERVO TRAY
ELEVATOR & RUDDER PUSHRODS
★GUSSET - SEE NOTE 3
1/2" BLOCK
3/8" SHEET
SULLIVAN SS-12 (12 OZ.) FUEL TANK
THROTTLE CONTROL CABLE
MOUNT ENGINE MOUNT TO FIREWALL WITH 6-32 SCREWS & BLIND NUTS
CB ENGINE MOUNT
3/8" PLYWOOD-FIREWALL
HARDWOOD SERVO TRAY RAILS (NOTCH YARDSTICK STOCK)
RECEIVER
BATTERY PACK
SEE NOTE 2
3/8" SHEET
1/4" PLYWOOD
1/8" NYLON RETAINER STRAPS W/ SCREWS
1/8" MUSIC WIRE
3/8" PLYWOOD-GUSSET
SPLICE DOUBLER★
2" TAIL WHEEL
SPLICE DOUBLER
3/8" PLYWOOD
1/4-20 BLIND NUT-STRUT ATTACHMENT
★SPLICE DOUBLER - SEE NOTE 3
1/8" DURAL ALUMINUM LANDING GEAR
MOUNT LANDING GEAR WITH 1/4-20 BOLTS & BLIND NUTS
DUBRO 4 1/2" WHEELS
NOTE ENGINE IS MOUNTED, AS SHOWN, WITH 2 1/2" OF DOWNTHRUST
★ = YARDSTICKS REQUIRED
NOTES
1. ALL WOOD (EXCEPT "YARDSTICK" COMPONENTS) IS BALSA, UNLESS NOTED OTHERWISE.
2. ALL COMPONENT PARTS MARKED WITH A ★ ARE MADE FROM (UNPAINTED) YARDSTICKS.
3. ALL FUSELAGE SPLICE DOUBLERS AND GUSSETS ARE ALSO MADE FROM YARDSTICK STOCK.
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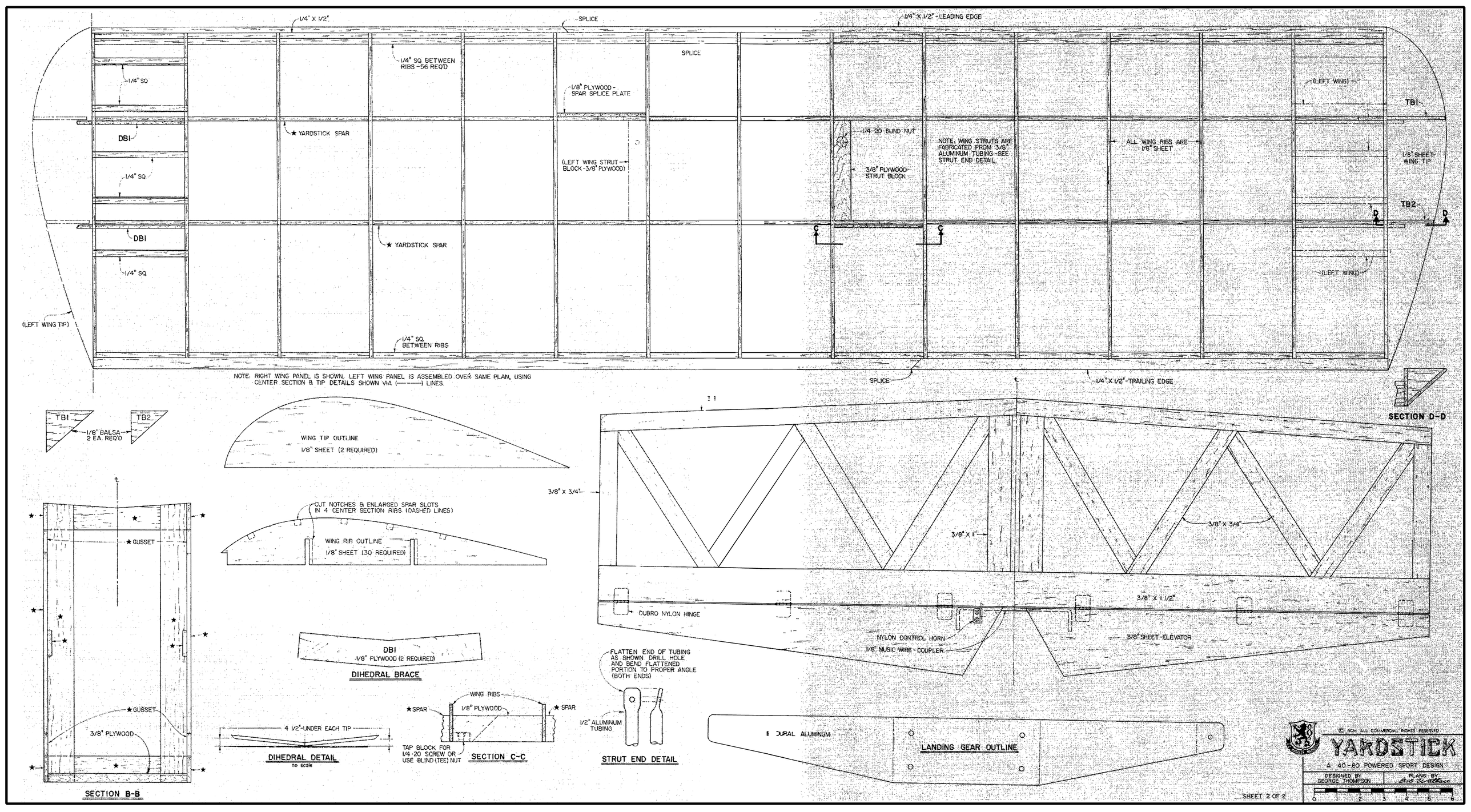
YARDSTICK
A 40-60 POWERED SPORT DESIGN
DESIGNED BY GEORGE THOMPSON
PLANS BY
0 1 2 3 4 5 6
SHEET 1 OF 2


1/4" X 1/2"
SPLICE
1/4" X 1/2" - LEADING EDGE
1/4" SQ BETWEEN RIBS - 56 REQ'D
SPLICE
1/4" SQ
1/8" PLYWOOD - SPAR SPLICE PLATE
(LEFT WING)
TB1
DB1
★ YARDSTICK SPAR
1/4-20 BLIND NUT
NOTE: WING STRUTS ARE FABRICATED FROM 3/8" ALUMINUM TUBING - SEE STRUT END DETAIL.
ALL WING RIBS ARE 1/8" SHEET
1/8" SHEET - WING TIP
(LEFT WING STRUT BLOCK - 3/8" PLYWOOD)
3/8" PLYWOOD STRUT BLOCK
1/4" SQ
TB2
D
C
DB1
★ YARDSTICK SPAR
1/4" SQ
(LEFT WING)
(LEFT WING TIP)
1/4" SQ. BETWEEN RIBS
NOTE: RIGHT WING PANEL IS SHOWN, LEFT WING PANEL IS ASSEMBLED OVER SAME PLAN, USING CENTER SECTION & TIP DETAILS SHOWN VIA (———) LINES.
SPLICE
1/4" X 1/2" - TRAILING EDGE
SECTION D-D
TB1
TB2
1/8" BALSA 2 EA. REQ'D
WING TIP OUTLINE
1/8" SHEET (2 REQUIRED)
3/8" X 3/4"
CUT NOTCHES & ENLARGED SPAR SLOTS IN 4 CENTER SECTION RIBS. (DASHED LINES)
★ GUSSET
WING RIB OUTLINE
1/8" SHEET (30 REQUIRED)
3/8" X 1"
3/8" X 3/4"
3/8" X 1 1/2"
DUBRO NYLON HINGE
NYLON CONTROL HORN
1/8" MUSIC WIRE - COUPLER
3/8" SHEET - ELEVATOR
DB1
1/8" PLYWOOD (2 REQUIRED)
DIHEDRAL BRACE
FLATTEN END OF TUBING AS SHOWN. DRILL HOLE AND BEND FLATTENED PORTION TO PROPER ANGLE (BOTH ENDS)
WING RIBS
★ SPAR
1/8" PLYWOOD
★ SPAR
1/2" ALUMINUM TUBING
★ GUSSET
3/8" PLYWOOD
4 1/2" - UNDER EACH TIP
TAP BLOCK FOR 1/4-20 SCREW OR USE BLIND (TEE) NUT
DIHEDRAL DETAIL
no scale
SECTION C-C
STRUT END DETAIL
DURAL ALUMINUM
LANDING GEAR OUTLINE
SECTION B-B
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YARDSTICK
A 40-60 POWERED SPORT DESIGN
DESIGNED BY GEORGE THOMPSON
PLANS BY
SHEET 2 OF 2