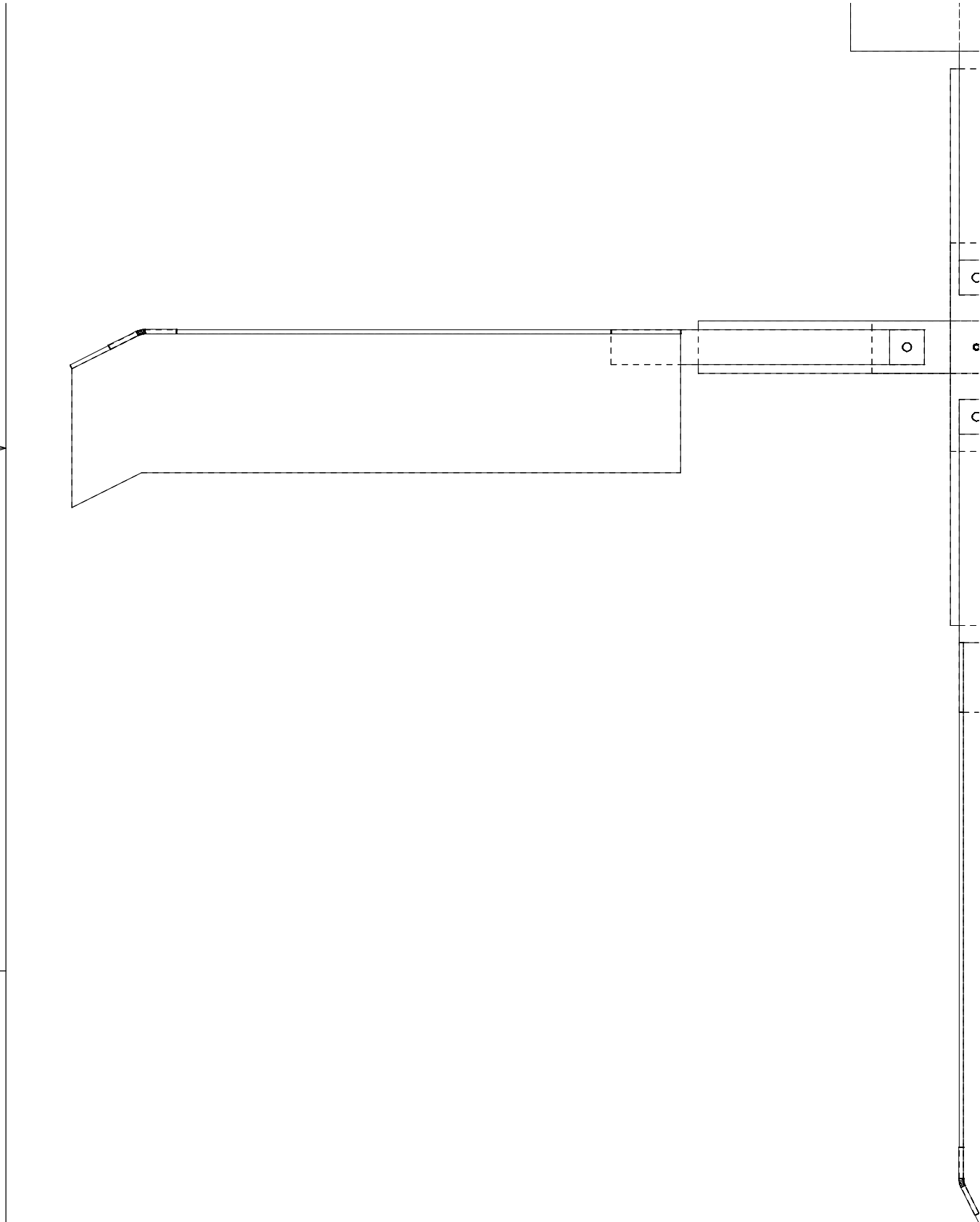


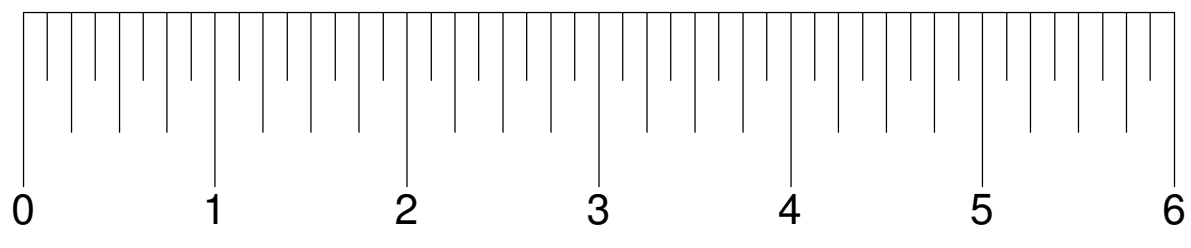
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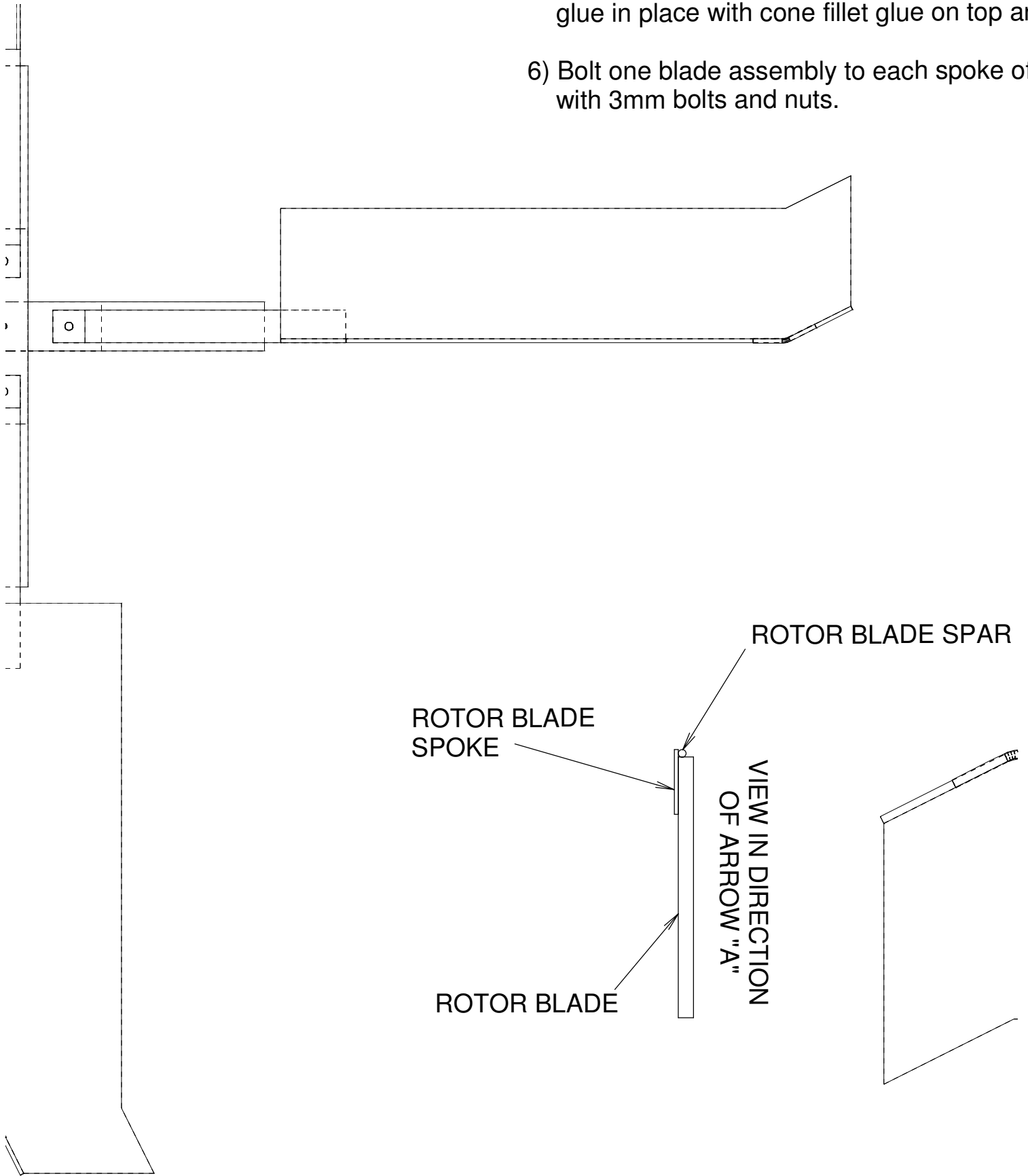


INCH SCALE

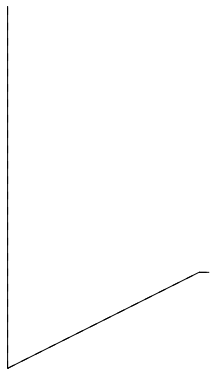


5) Insert 3/32" x 1" brass tube spindle bearing,
glue in place with cone fillet glue on top and

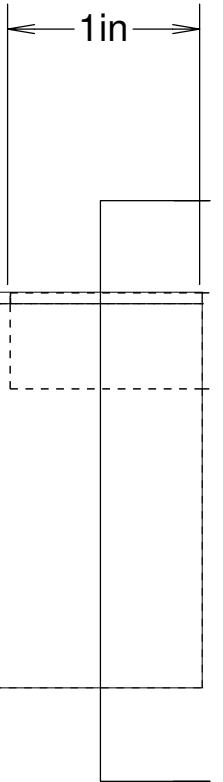
6) Bolt one blade assembly to each spoke of the
rotor with 3mm bolts and nuts.



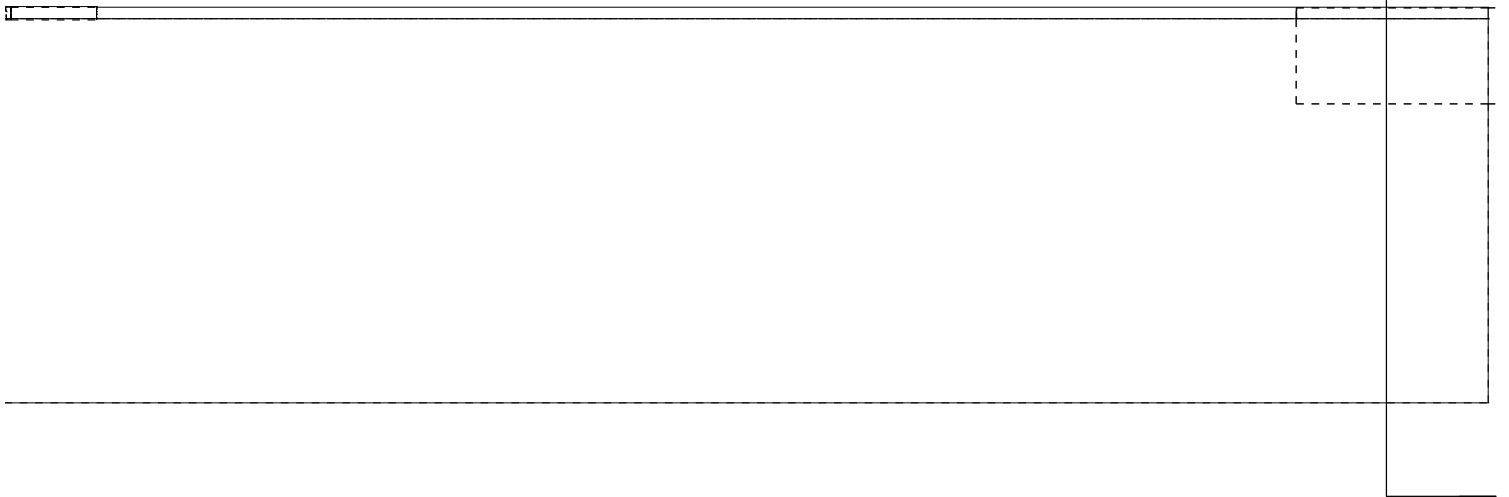
earing,
pp and bottom
ke of the hub



BLADE / SPOKE OVER



BUILD 4 OF THESE ASSEMBLIES.



ROTOR BLADE
3MM FOAM
4 REQUIRED

ROTOR HUB BEARING
3/32" BRASS TUBING 1" LONG
1 REQUIRED

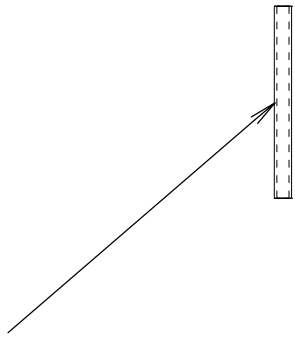
OVERLAP



DESIGNED BY LI
CAD BY DZ1SFB



3/32" HOLES



LONG



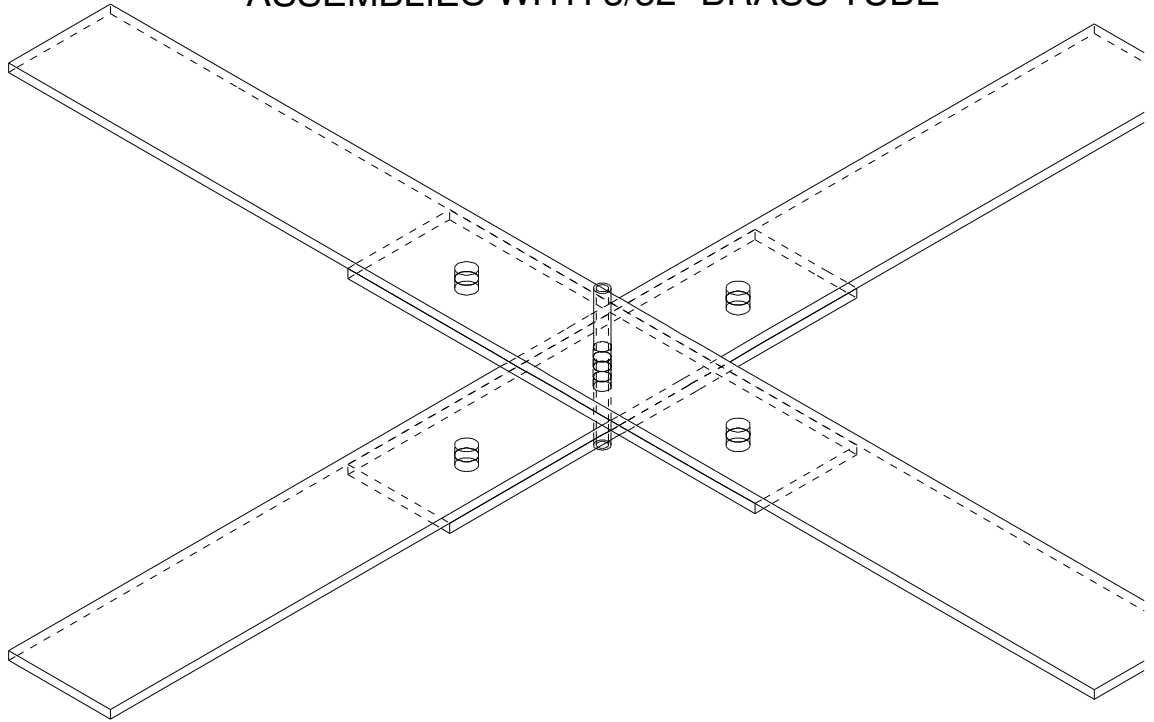
ROTOR BLADE SPOKE 1/32" PLY
.5" X 4-1/2" - 4 REQUIRED

1/8" HOLE



STACK REINFORCEMENT ON TOP OF SPOKE

ASSEMBLE HUB FROM 2 ROTOR HUB/REINFORCEMENT
ASSEMBLIES WITH 3/32" BRASS TUBE



BY LEADFEATHER
SFB

TITLE

APACHE AG-64 ROTOR AS

SIZE

CAGE CODE

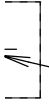
DWG NO

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COMMERCIAL RIGHTS RESERVED 21

SCALE

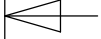
SHEET



1/8" HOLE
ON CENTER

C

ROTOR BLADE SPOKE
REINFORCEMENT 1/32"
PLYWOOD - .5" X .5"
4 PCS REQUIRED



B



A



ASSEMBLY

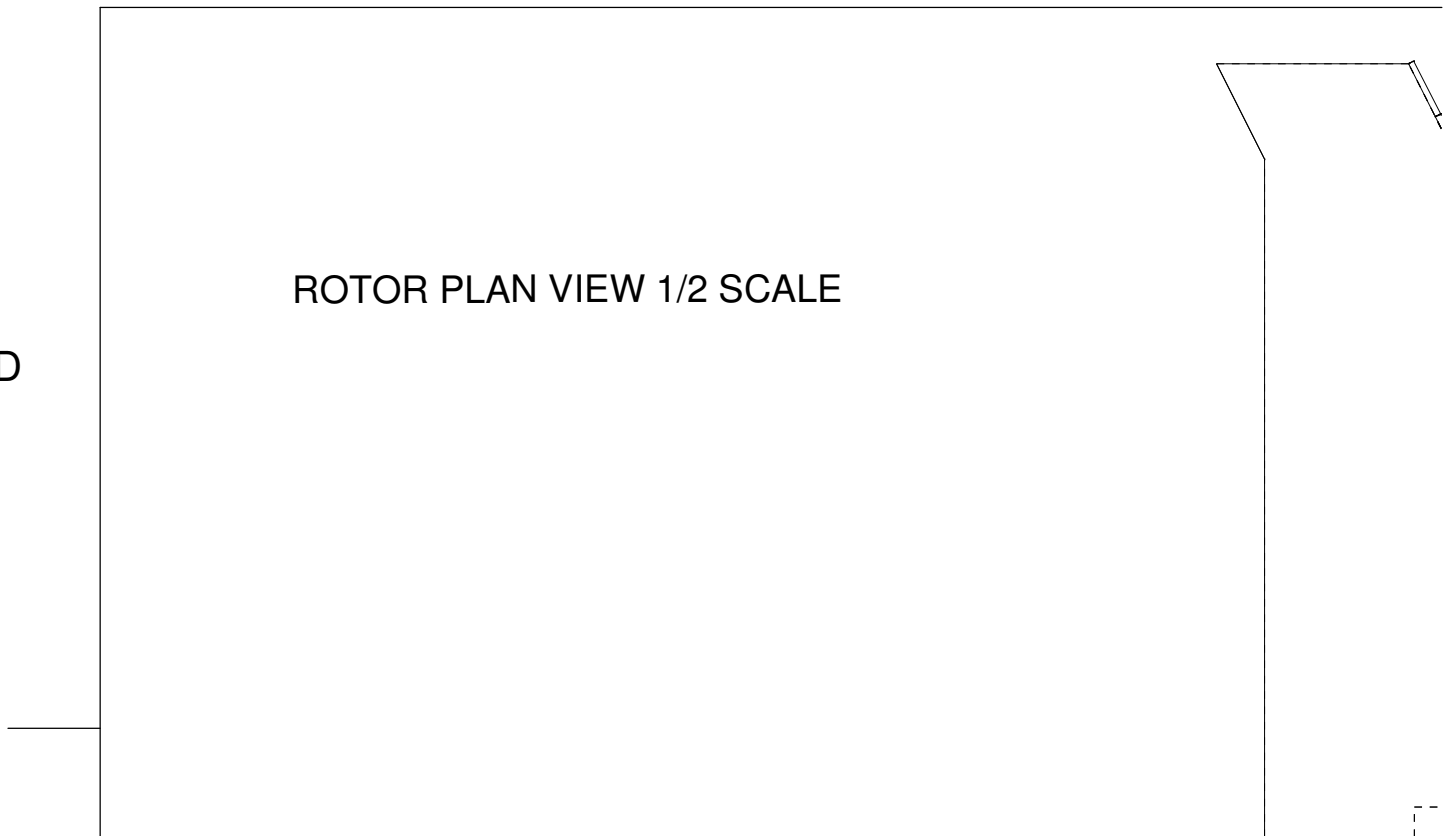
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REV

4

ROTOR PLAN VIEW 1/2 SCALE

D





ROTOR BUILDING INSTRUCTIONS

- 1) Make hubs and blades
- 2) Assemble rotor blade spar, tip weight, and j...
Then glue LE spar assemblies to blades flush
the bottom of rotor blades. 4 assemblies rec
- 3) Assemble hub and reinforcement assemblies
- 4) stack the individual 2 blade rotors at 90 deg
- 5) Insert 3/32" x 1" brass tube spindle bearing,
glue in place with cone fillet glue on top and

3



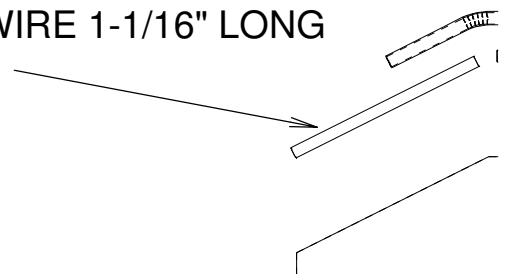
and joiner.
es flush with
es required.

semblies. 2 required.

00 degrees

earing,
op and bottom

ROTOR TIP WEIGHT
1/16" MUSIC WIRE 1-1/16" LONG
4 REQUIRED

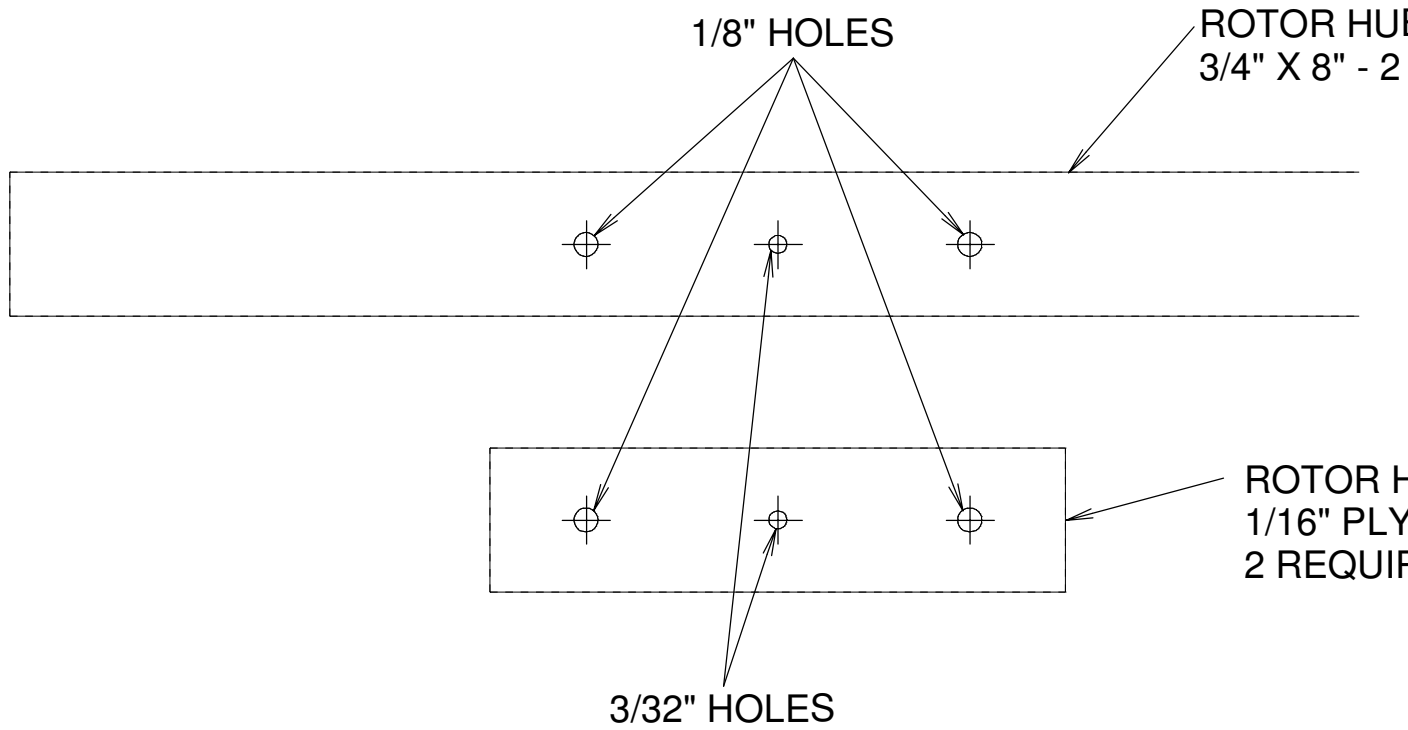


SPAR/TIP WEIGHT JOINER
2" LONG HEAT SHRINK TUBING
4 REQUIRED

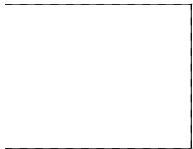
ROTOR BLADE SPAR
7.7" LONG 1.5MM CARBON FIBER ROD
4 REQUIRED



STACK HUB ON TOP OF REINFORCEMENT



FOR HUB 1/16" PLYWOOD
8" - 2 REQUIRED



D

FOR HUB REINFORCEMENT
5" PLYWOOD 3/4" X 3"
REQUIRED