Mahogany strips for lagging on boiler & engine.

Displacement lubricator in steam pipe (omitted from elevation for clarity.)

General arrangement of engine & boiler.
BRASS FUNNEL TOP

- 7/8" dia COPPER FLUE
- 3/4"
- 6 1/8"
- 2 3/4"
- 3 7/8"
- 2 3/4"

1/8" STEAM PIPE
SILVER SOLDERED
6BA NUTS & BOLTS

CUT ONE END
FOR BURNER.

BOILER 2 1/2" od x 1/16" COPPER TUBE
FLANGED ENDS 18g COPPER
BRASS BUSHES TO SUIT FITTINGS.
ALL SILVER SOLDERED

CASING 18g ALUMINIUM
BOLTED TOGETHER

ENGINE BEARERS 5/8" x 1/8" x 7 1/2" x 10

BOILER & CASING.
LEATHER WASHER
OR 'O' RING

1/8" STEAM PIPE
SOLDERED IN ON
FINAL ENGINE
ASSEMBLY AND
3 64" DRILL PUT
INTO STEAM PIPE

1/2" BRASS TUBE

DISPLACEMENT LUBRICATOR

1 of 4" MTL. BRASS
GENERAL ARRGT: ENGINE
TWIN CYLINDER DOUBLE-ACTING 3/4" BORE 1/4" STROKE

FRAMES
LH & RH MACHINED BRAZED
PORT DRILLING JIG

SKETCH OF PORT DRILLING JIG IN USE

METHYLATED SPIRIT BURNER FOR BOILER - 1 off
CYLINDER
20ft BRASS

TOP BOTTOM CYLINDER
COVERS
20ft EACH - BRASS

PISTONS
20ft BRASS

PISTON RODS
20ft SILVER STEEL

CRANK DISCS AND SHAFT
MILD STEEL DISCS SILVER STEEL SHAFT

CRANK PINS
SILVER STEEL
ENGINE BEDPLATE AND BEARERS

Frame in Centre
Solder Engine Brass
1/8" x 2/32" = 1/16"

Bearers: 7/32" = 5/64" x 1/16" Aluminium

Bolt to boiler casing

Brass epoxied on ornamental cylinder covers

Engine Cover 1 on 11/16" wood former splice

Template solded with temporary strip glued on...