



ALL THREADS  $\frac{5}{16} \times 32$  TPI  
 $\frac{3}{8}$   
 $\frac{5}{16}$   
 $\frac{1}{8}$   
 $\frac{3}{8}$   
 $\frac{3}{8}$   
 $\frac{1}{8}$

MAIN STEAM INLET MANIFOLD

COUNTERSINK FOR PIPE NIPPLES

DRILL STEAM PASSAGES  $\frac{1}{8} \times \phi$

SCALE DRAWINGS OF PIPEWORK

ALL PIPEWORK IS  $\frac{3}{16}$  COPPER TUBE  
 ALL CONNECTIONS ARE MADE WITH  $\frac{3}{16}$  PIPE NIPPLES SILVER SOLDERED TO THE ENDS OF THE PIPES.  
 UNION NUTS ARE STANDARD  $\frac{3}{16}$  PIPE THREADED  $\frac{5}{16} \times 32$  TPI

LEFT CYLINDER STEAM INLET GLAND

RIGHT CYLINDER STEAM INLET GLAND

THE MAIN STEAM INLET MANIFOLD CAN BE :-

- A. TURNED FROM SOLID BRASS (AS DRAWN)
- B. FABRICATED FROM BRASS & SILVER SOLDERED
- C. A STANDARD STEAM "TEE"

DOUBLE SIDE BEAM ENGINE

DWS. No 22

*[Handwritten signature]*