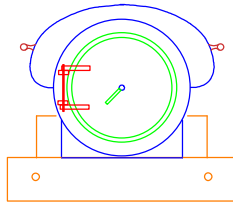


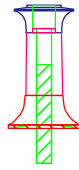
Smoke box - 18mm tube  
 - Boiler of 15.9 mm tube  
 - pack between with 16.7mm  
 - flush firebox



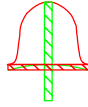
tank formers fit in slits in boiler tube  
 1. Hold formers in boiler and solder in fixing rods  
 [check if any need motor cutout]  
 2. Remove assembly from boiler  
 3. Wrap tank and solder  
 4. Fit to boiler tube  
 [make front/back formers without holes]

Loco 167  
 - total height 13'1"

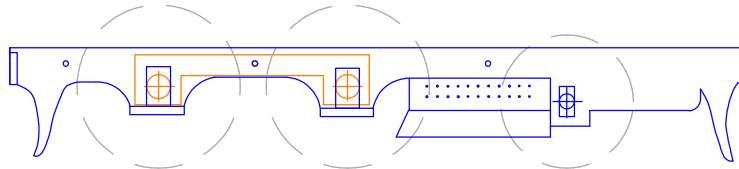
Note - smokebox hinge  
 on left!



Chimney  
 - top leave brass  
 - middle black  
 - base leave brass  
 - patinate brass to  
 appear like copper



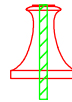
Dome and  
 valve bonnet  
 left as brass



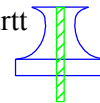
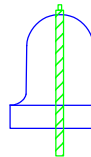
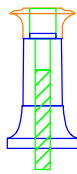
compensation bars  
 (one each side of motor  
 with axles running in them)  
 rock on common pivot to  
 brake hanger

Boiler - 16.6mm tube  
 Smokebox - make near 18mm  
 including wrapper  
 Firebox - make near 18.5mm

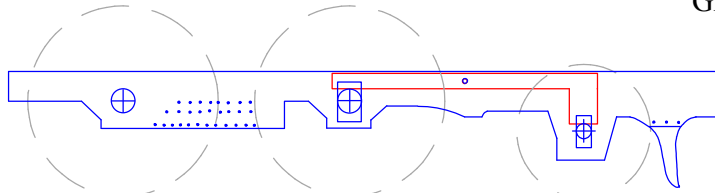
This valve bonnet  
 is as per Beyer P and  
 Nasmyth locos



From Burt  
 fig 71



Spithead type  
 from Bradley  
 fig 46 - appears  
 to be as E.  
 Grinstead photo



compensation beam  
 rock on pivot