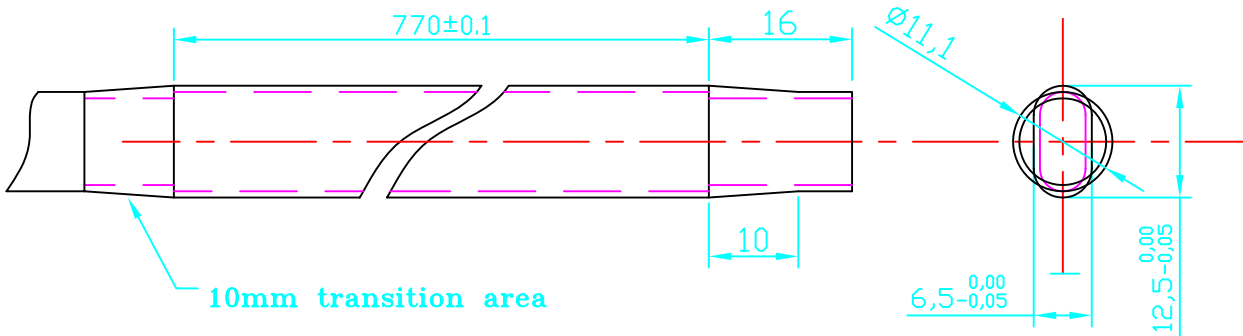


1	2	3	4	
RevNo	Revision note	Date	Signature	Checked

Notes:

Exhaust Tube – Copper
ø7/16” (11.1mm) x 0.7mm wall thickness
Internal x-sectional area = 51.03 sq mm
Inner wall perimeter = 28.02mm

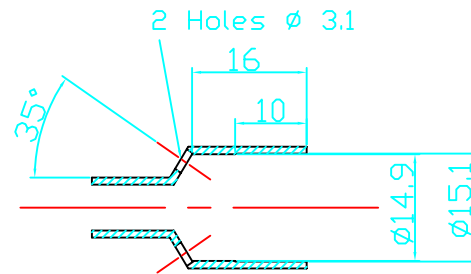


PROVISIONAL

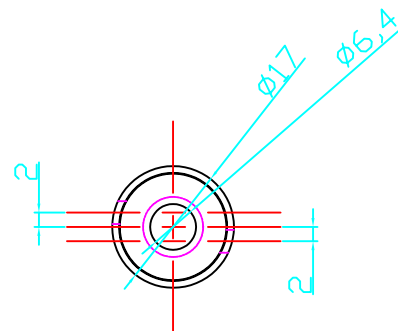
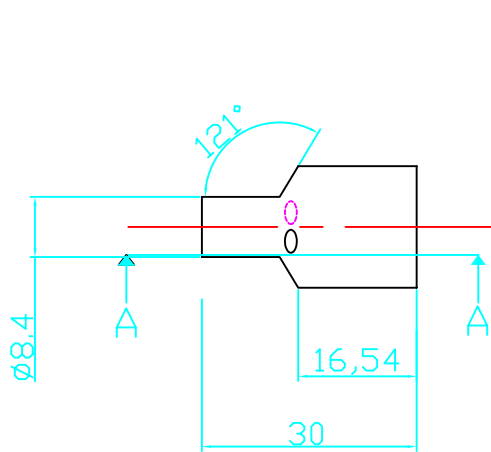
Title		EXHAUST TUBE					
THIRD ANGLE PROJECTION DIMENSIONS IN MM			Scale NTS	Particle Physics Group Queen Mary & Westfield College Mile End Rd London E1 4NS Tel 020 7882 3738 Fax 020 8983 9879 E-Mail J.Morris @qmw.ac.uk		 QUEEN MARY UNIVERSITY OF LONDON	
Tolerances	XYZ ±0.1mm ANG ±1°						
Drawn by	J.F.Morris						
Approved	*						
Material	Copper						
Finish	Clean,Remove all burrs and sharp edges						
Last Mod	*						
Date	29/10/04	Sheet 2 of 4	Sheet Size	Project	ATLAS Barrel Cooling		
Acad file	e:\acad\morris\barrel\exhaust-tube				Issue	B	

1	2	3	4	
RevNo	Revision note	Date	Signature	Checked

**2 off req'd per HEX

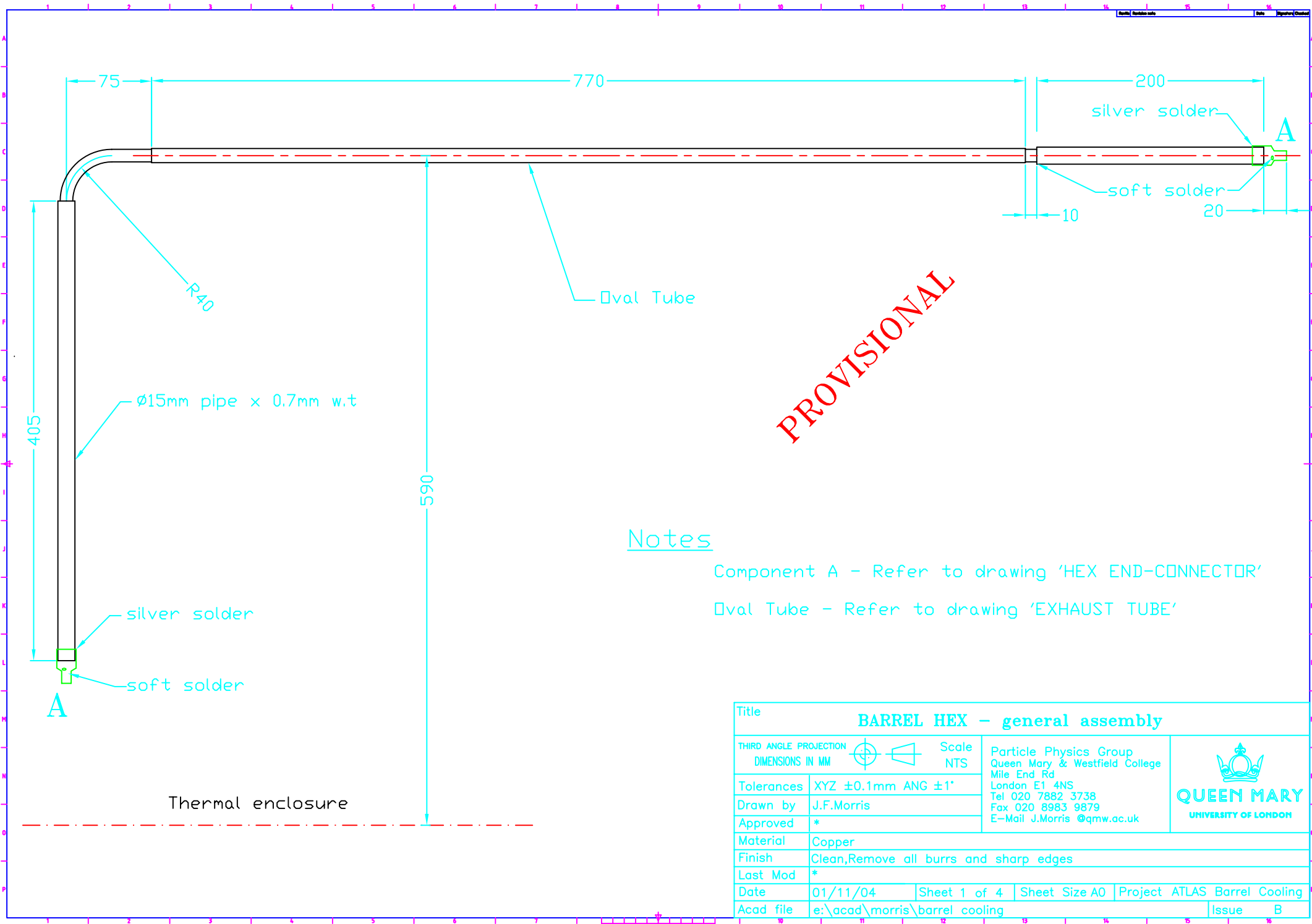


Section A-A



PROVISIONAL

Title				
HEX END CONNECTOR (barrel)				
THIRD ANGLE PROJECTION DIMENSIONS IN MM			Scale NTS	Particle Physics Group Queen Mary & Westfield College Mile End Rd London E1 4NS Tel 020 7882 3738 Fax 020 8983 9879 E-Mail J.Morris @qmw.ac.uk  QUEEN MARY UNIVERSITY OF LONDON
Tolerances	XYZ ±0.1mm ANG ±1°			
Drawn by	G.Marshall			
Approved	*			
Material	Copper			
Finish	Clean,Remove all burrs and sharp edges			
Last Mod	*			
Date	29/10/04	Sheet 4 of 4	Sheet Size A4	Project ATLAS Barrel Cooling
Acad file	e:\acad\morris\barrel\connector			Issue B



Notes

Component A - Refer to drawing 'HEX END-CONNECTOR'

Oval Tube - Refer to drawing 'EXHAUST TUBE'

Title							BARREL HEX – general assembly						
THIRD ANGLE PROJECTION DIMENSIONS IN MM				Scale NTS		Particle Physics Group Queen Mary & Westfield College Mile End Rd London E1 4NS Tel 020 7882 3738 Fax 020 8983 9879 E-Mail J.Morris @qmw.ac.uk  QUEEN MARY UNIVERSITY OF LONDON							
Tolerances	XYZ ±0.1mm ANG ±1°												
Drawn by	J.F.Morris												
Approved	*												
Material		Copper											
Finish		Clean,Remove all burrs and sharp edges											
Last Mod		*											
Date		01/11/04		Sheet 1 of 4		Sheet Size A0		Project			ATLAS Barrel Cooling		
Acad file		e:\acad\morris\barrel cooling								Issue		B	