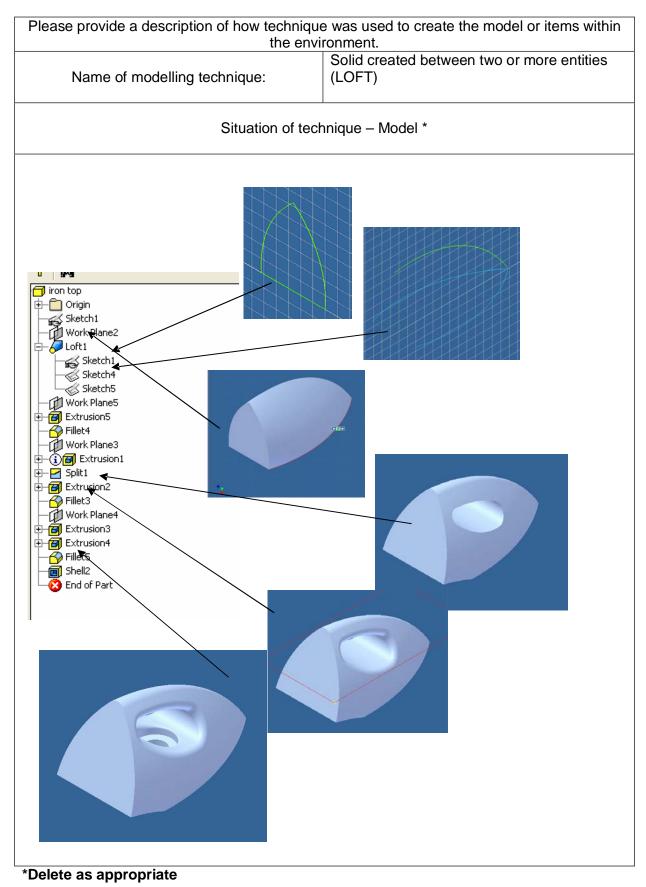
National Qualifications 2008/ 2009

Graphic Communication Advanced Higher Computer-Aided 3D Modelling Presentation

Fill in these particulars.						
Full name of Centre	Centre Number					
Site (where appropriate)						
Forename(s)	Surname					
Another	Pupil					
Date of Birth	Scottish Candidate Number					
Title of Computer-Aided 3D Modelling Prese	ntation					
Iron						
NOTE: The Student Record has been designed to record the work of your Computer-Aided 3D Modelling Presentation. It should also help to ensure that your Computer-Aided 3D Modelling Presentation meets the assessment requirements. Teacher/ lecturers must refer to "Guidance on Assessment - Computer-Aided 3D Modelling Presentation" (Diet 2008/ 2009) before attempting to complete this form.						
Assessment Requirements						
	The Computer-Aided 3D Modelling Presentation, which is worth 30% of the total marks					
2 The Computer-Aided 3D Modelling Pre	for the Advanced Higher Graphic Communication assessment, must be your own work. The Computer-Aided 3D Modelling Presentation should consist of six to ten pages of					
In completing the Student Record, all p images used must be acknowledged. enhanced, photocopied, scanned, capt	work. A3, A4, or a mixture of A3 and A4 page formats may be used. In completing the Student Record, all photocopied, scanned, captured, or clip art images used must be acknowledged. A description of any work carried out to enhanced, photocopied, scanned, captured, or clip art images must also be declared;					
4 All CAD, Illustration or computer graphi	as well as acknowledging the source of all other images. All CAD, Illustration or computer graphic work produced by following a directed approach, such as by step-by-step guide or wizard is not valid for assessment					
	The candidate declaration must be completed for a submission to be valid.					
I have read and understood the assessment requirements of the Computer-Aided 3D Modelling Presentation.						
Signature of Candidate Date						

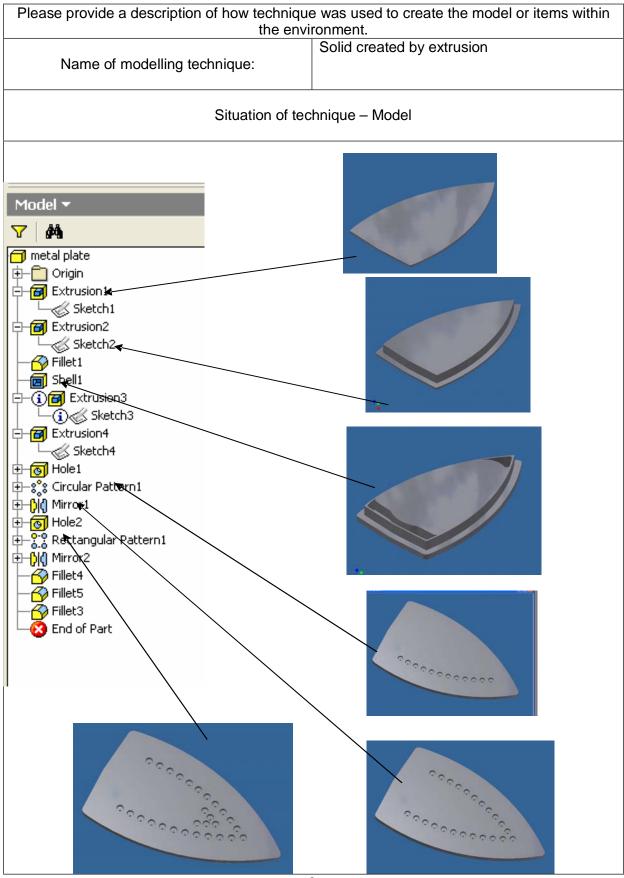
Graphic Communication Advanced Higher – Computer-Aided 3D Modelling Presentation

The Student Record should be used by candidates to provide a description of their 3D modelling techniques and how they were used in the model.



Graphic Communication Advanced Higher – Computer-Aided 3D Modelling Presentation

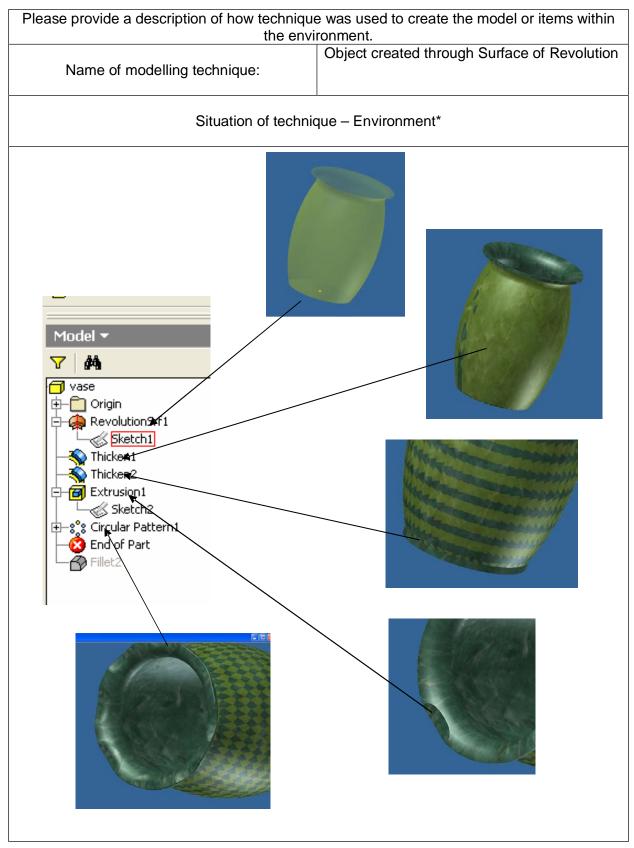
The Student Record should be used by candidates to provide a description of their 3D modelling techniques and how they were used in the model.



*Delete as appropriate

Graphic Communication Advanced Higher – Computer-Aided 3D Modelling Presentation

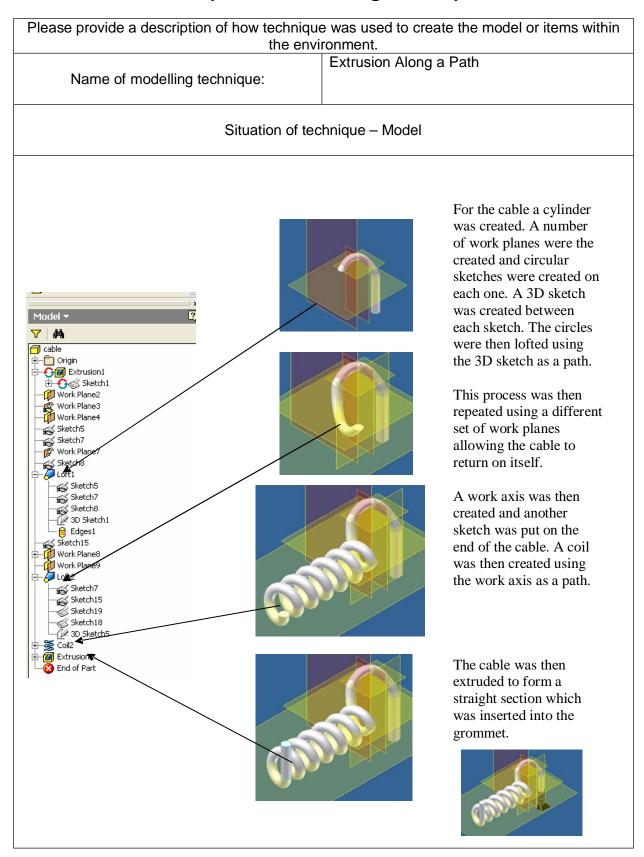
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*Delete as appropriate

Graphic Communication Advanced Higher – Computer-Aided 3D Modelling Presentation

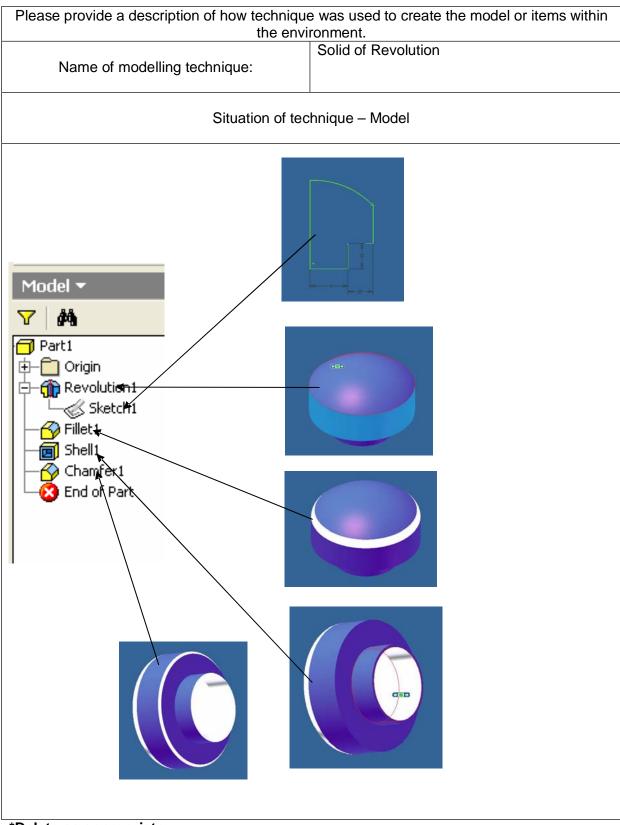
The Student Record should be used by candidates to provide a description of their 3D modelling techniques and how they were used in the model.



*Delete as appropriate

Graphic Communication Advanced Higher – Computer-Aided 3D Modelling Presentation

The Student Record should be used by candidates to provide a description of their 3D modelling techniques and how they were used in the model.



^{*}Delete as appropriate

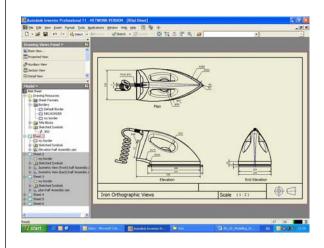
Graphic Communication Advanced Higher – Computer-Aided 3D Modelling Presentation

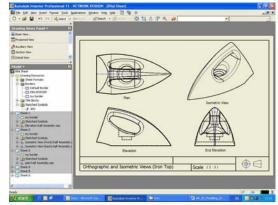
Candidates are advised to label each item/ page number for each technique and a description of the graphic should be given for each technique. A description of any clip art, library items, images and modelling elements not created by the student should be given here.

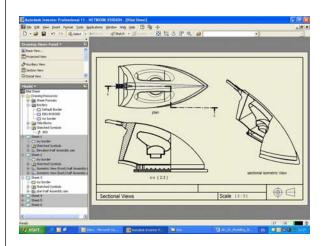
Computer Platform used:	PC
Software used:	Inventor 11
Software used:	

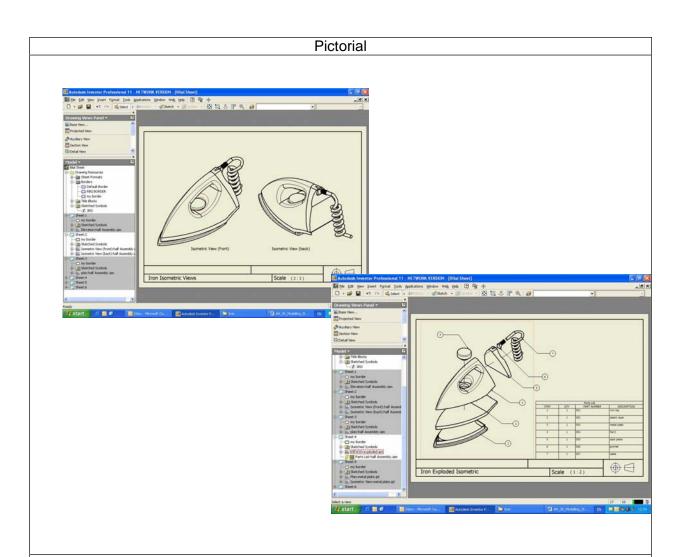
Please provide a brief description of how the 2D drawings were created.

Orthographic

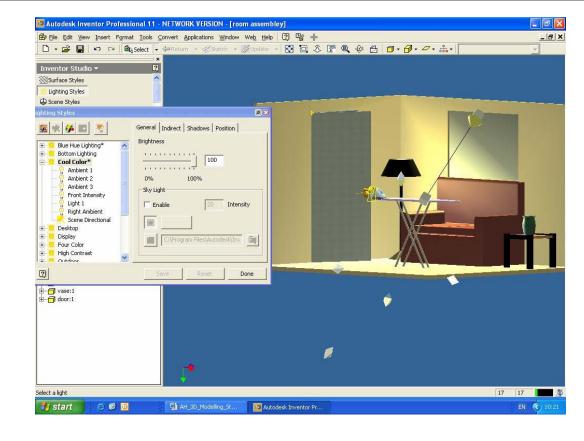








Materials & Lights

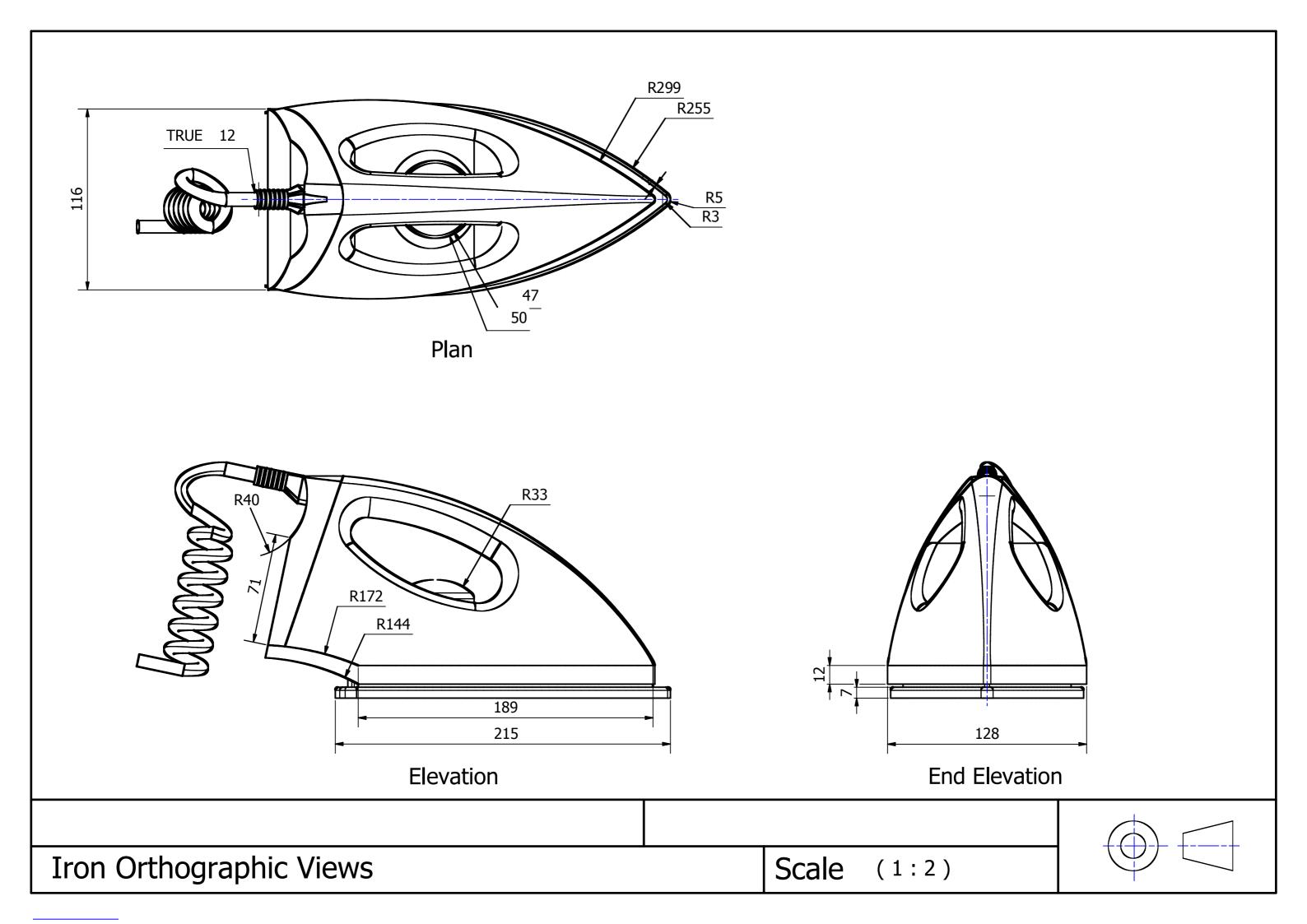


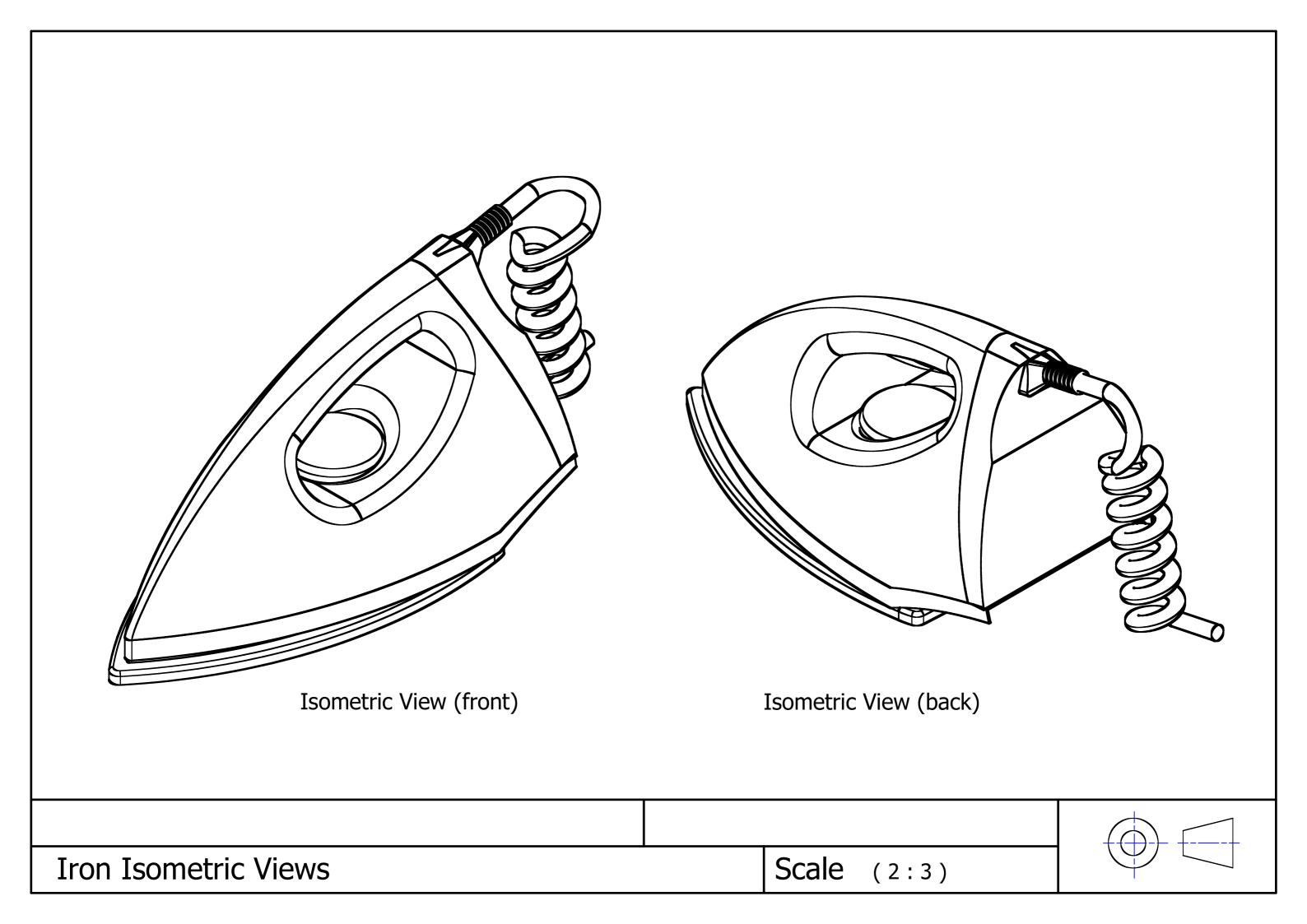


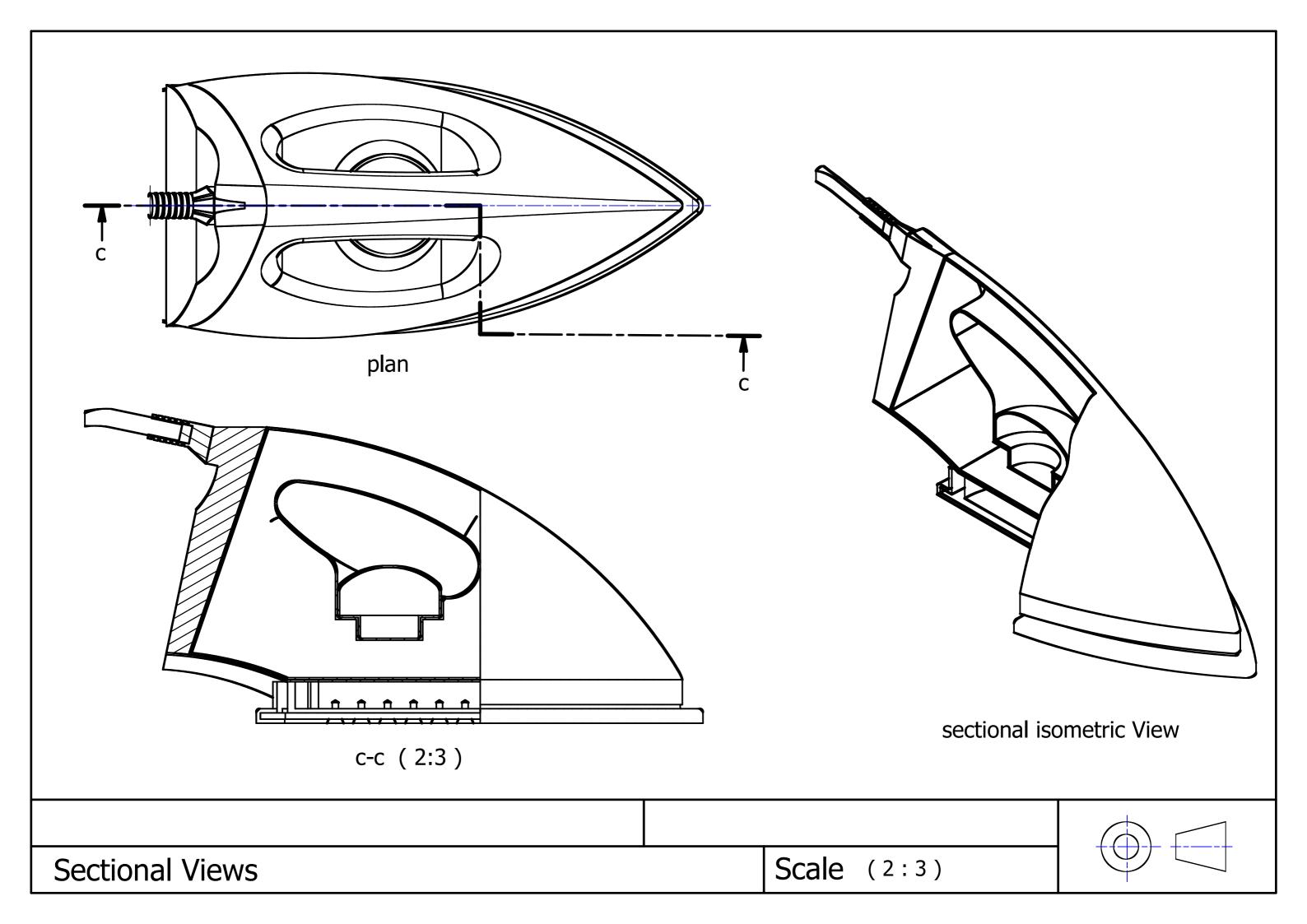
Graphic Communication Advanced Higher Teacher/ Lecturer Assessment of Computer-Aided 3D Modelling Presentation

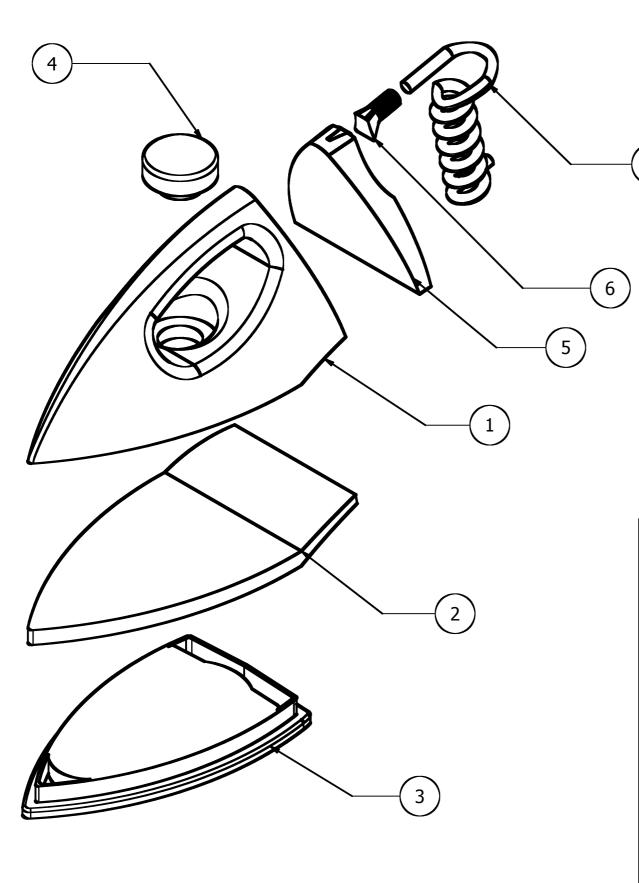
Teacher/ lecturers must refer to "Guidance on Assessment – Computer-Aided 3D Modelling Presentation" (Diet 2008/ 2009) before attempting to complete this form.

Item No.(s)	Assessment Criteria	Max. Marks	Mark Awarded	Official Use
	Section 1. 3D Modelling			
	(a) Modelling Technique 1	6		
	(b) Modelling Technique 2			
	(c) Modelling Technique 3			
	(d) Modelling Technique 4			
	(e) Modelling Technique 5			
	Section 2. Presentation			
	(a) Creation of three Related Orthographic Views	6		
	(b) Creation of Additional Views (i) Orthographic	4		
	(ii) Line Pictorial			
	(c) Annotation	4		
	Section 3. Visualisation			
	(a) Adding Materials and Lights	6		
	(b) Producing a Suitable Environment			
	Total Marks	60		









Parts List							
ITEM	QTY	PART NUMBER	DESCRIPTION				
1	1	001 iron top					
2	1	002	plastic layer				
3	1	003	metal plate				
4	1	004	Part1				
5	1	005	back piece				
6	1	006	gromet				
7 (2:	5) 1	007	cable				

Iron Exploded Isometric

Scale

1:2

