

6706-23 Level 2 Diploma in Site Carpentry

August 2013 Version 1.1

PRACTICAL TASK MANUAL

Contents

Task manual amendments	1
Candidate details	2
Unit assessment overview	3
Practical task completion record	3
Instructions to candidates	6
Unit 207 Carry out first fix flooring and roofing	7
Task 1 Build a roof structure	7
Task 2 Fix verge and eave components	9
Task 3 Lay floor joists	11
Task 4 Fit and fix joist coverings	13
Unit 208 Carry out first fix frames, partitions and stairs	14
Task 1 Construct stud partitions	14
Task 2 Fix frames and linings	16
Task 3 Fix a straight flight of stairs	18
Unit 209 Carry out second fixing operations	20
Task 1 Install doors and ironmongery	20
Task 2 Fix mouldings	22
Task 3 Fix service encasements and cladding	24
Task 4 Install kitchen units, worktops and fitments	25
Unit 210 Carry out carpentry maintenance	27
Task 1 Repair mouldings, doors and window sills	27
Task 2 Replace gutters and downpipes	28
Task 3 Replace sash cords	29
Unit 211 Set up and operate a circular saw	30
Task 1 Change circular saw blades and cut timber and manufactured boards	30
Drawings and diagrams	32
Unit 207 Carry out first fix flooring and roofing	32
Unit 208 Carry out first fix frames, partitions and stairs	43
Unit 209 Carry out second fixing operations	48
Unit 210 Carry out carpentry maintenance	53
Unit 211 Set up and operate a circular saw	58

Task manual amendments

Amendments since version 1.0

Page 44 Unit 208, Figure 2 Stud partition drawing amended.

Page 45 Unit 208, Figure 1 Door lining drawing amended.

Page 48 Unit 209, Figure 1 Door with ironmongery drawing amended.

Candidate details



This *Practical task manual* is a record of your achievement in practical assessments. You must keep it in good condition and it must be stored in a safe place by your Assessor.

Please fill in all of your details before you carry out any assessments.

Candidate Details

Surname		Forename(s)	
---------	--	-------------	--

City & Guilds enrolment number	
--------------------------------	--

Centre Details

Name		Centre No	
------	--	-----------	--

I understand the requirements of the qualification and that all the work towards the assessments must be my own.

Candidate signature (please print)	
--	--

Assessor name (please print)		Signed	
--	--	--------	--

Date	
------	--

Unit assessment overview

Practical task completion record

To be completed by Assessor:

For each task, the points for each grade are
 Pass = 1, Merit = 2, and Distinction = 3 points.

Conversion chart	
Average	Overall Grade
1 – 1.5	Pass
1.6 – 2.5	Merit
2.6 – 3	Distinction

†All tasks must be passed for the unit to be achieved.

Unit 207 Carry out first fix flooring and roofing

Task	Grade for task†	Points (graded tasks)
1 Build a roof structure	P / M / D / X	
2 Fix verge and eave components	P / M / D / X	
3 Lay floor joists	P / M / D / X	
4 Fit and fix joist coverings	P / X	
End of unit knowledge test	P / X	
Total		
For graded tasks, divide total points by total number of graded tasks		÷ 3
Average =		
Overall grade (see conversion chart)		

Assessor signature and date:

Unit 208 Carry out first fix frames, partitions and stairs

Task	Grade for task†	Points (graded tasks)
1 Construct stud partitions	P / M / D / X	
2 Fix frames and linings	P / X	
3 Fix a straight flight of stairs	P / M / D / X	
End of unit knowledge test	P / X	
Total		
For graded tasks, divide total points by total number of graded tasks		÷ 2
Average =		
Overall grade (see conversion chart)		

Assessor signature and date:

Unit 209 Carry out second fixing operations

Task	Grade for task†	Points (graded tasks)
1 Install doors and ironmongery	P / M / D / X	
2 Fix mouldings	P / M / D / X	
3 Fix service encasements and cladding	P / X	
4 Install kitchen units, worktops and fitments	P / M / D / X	
End of unit knowledge test	P / X	
Total		
For graded tasks, divide total points by total number of graded tasks		÷ 3
Average =		
Overall grade (see conversion chart)		

Assessor signature and date:

Unit 210 Carry out carpentry maintenance

Task	Grade for task
1 Repair mouldings, doors and window sills	P / X
2 Replace gutters and downpipes	P / X
3 Replace sash cords	P / X
End of unit knowledge test	P / X

Assessor signature and date:

Candidates must pass all tasks, and the end of unit knowledge test, for this unit to achieve a pass grade overall.

Overall grade

Unit 211 Set up and operate a circular saw

Task	Grade for task
1 Change circular saw blades and cut timber and manufactured boards	P / X
End of unit knowledge test	P / X

Assessor signature and date:

Candidates must pass all tasks, and the end of unit knowledge test, for this unit to achieve a pass grade overall.

Overall grade

Authenticity and IQA/QC sampling

The assessor's signature on individual tasks will be taken as assurance that the judgements recorded are made on authentic candidate work produced under appropriate conditions. Please complete the declaration below to confirm this is the case.

I confirm that all tasks were conducted under conditions designed to assure the authenticity of the candidate's work, and am satisfied that, to the best of my knowledge, the work assessed was solely that of the candidate.
I have judged all assessments against the relevant assessment and grading criteria and award the candidate the unit grades as calculated above.

Assessor signature	Date
*IQA signature and date	*QC signature and date

*IQA and QC signatures attest to the evidence available on the recorded date(s).

Instructions to candidates

About this document

This *Practical task manual* contains all of the practical assessment for 6706-23 Level 2 Diploma in Site Carpentry.

Practical tasks

These tasks let you show your practical skills and are usually graded pass, merit or distinction – a few are pass only. These tasks will be assessed by your assessor watching how you carry out the tasks and checking your final pieces of work.

Before you carry out the task you will be told how it will be assessed and you should read the observation checklist at the end of each task so you know what you need to do to get each grade.

You can ask your assessor for help in understanding the task instructions, but all of the work must be your own.

Health and safety

You must use safe working practices at all times.

You are responsible for your own safety and the safety of others. If you behave in an unsafe way, you will be stopped and given a warning. If you do not meet all of the Health and Safety requirements, the assessment will be stopped. Your assessor will not be able to let you try the task again until they are sure you can work safely.

Time considerations

Each task shows how long it is likely to take. This is for guidance and so you can plan your work. If you have a good reason for needing more time you must explain this to your assessor as soon as possible so they can decide whether you can have more time.

Security

Where an assignment is taken over more than one session, all documentation, paperwork and work products must be labelled carefully with your name and kept securely at the centre. Your assessor will give you directions about how to leave your work.

Opportunities to repeat tasks

The tasks are 'end tests' so you will only be asked to take the assessment when you have had the chance to do all of the learning and practice you need. You will be able to try the whole task again if you do not pass, but you will not be able to take the assessment again just to try to get a better grade.

Feedback

As well as telling you the result for the task your assessor will give you feedback. They will give you a feedback sheet with details of what you could do to improve, and also what you did well in. This will help you to prepare for other assessments or to retake the assessment if you need to.

Unit 207 Carry out first fix flooring and roofing

Task 1 Build a roof structure

Expected time	3 hours
Task instructions	<ul style="list-style-type: none"> • Complete a risk assessment. • Complete a tools, fixings and equipment list. • Mark out wall plates to 400 mm centres. • Erect and fix roof trusses. • Install bracing. • Work according to environmental and health and safety regulations.
Diagrams	Figure 1 Roof and floor jig page 32 Figure 2 Roof with trusses page 33 Figure 3 Bracing page 34

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
2.1	completed the risk assessment form accurately, to meet current health and safety legislation	<input type="checkbox"/>		
2.2	completed a resource checklist and selected the following correctly <ul style="list-style-type: none"> • tools • fixings 	<input type="checkbox"/>		
2.3	<ul style="list-style-type: none"> • access equipment as appropriate 	<input type="checkbox"/>		
2.4	erected roofing structure in accordance with Figure 2 <ul style="list-style-type: none"> • wall plate truss positions marked out accurately for each centre 	<input type="checkbox"/> ±3 mm	<input type="checkbox"/> ±2 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • wall plate marked out correctly over length 	<input type="checkbox"/> ±3 mm	<input type="checkbox"/> ±2 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • materials to hand and stored correctly 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • first truss positioned correctly and plumbed accurately 	<input type="checkbox"/> ±3 mm	<input type="checkbox"/> ±2 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • temporary bracing secured 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • remaining trusses fixed correctly and securely using temporary bracing 	<input type="checkbox"/> ±5 mm	<input type="checkbox"/> ±3 mm	<input type="checkbox"/> ±1 mm
2.5	installed timber bracing in accordance with Figure 3 <ul style="list-style-type: none"> • permanent timber bracing fixed as per Figure 3 	<input type="checkbox"/>		

AC	The candidate has	Pass	Merit	Distinction
2.6 2.3	<p>followed current environmental and relevant health and safety regulations relevant to constructing roofing structures, including the safe use of access equipment if required. This includes</p> <ul style="list-style-type: none"> • good house keeping • use of PPE • use of machines according to ACoP. 	<input type="checkbox"/>		

Task grading rules		Task grade:
To award a pass : every activity in the checklist must be successfully achieved.		
To award a merit : in addition to the above, all 4 graded activities in the checklist must be achieved to at least a merit standard.		
To award a distinction : in addition to both of the above, all 4 graded activities in the checklist must be achieved to a distinction standard.		
Assessor	Signature & Date	

Unit 207 Carry out first fix flooring and roofing

Task 2 Fix verge and eave components

Expected time	6 hours
Task instructions	<ul style="list-style-type: none"> • Complete a risk assessment. • Complete a tools and equipment list. • Make and fix gable ladders. • Install fascia board. • Install barge board. • Install soffit. • Work according to environmental and health and safety regulations.
Diagrams	Figure 1 Roof with gable ladder page 35 Figure 2 Roof with barge board, fascia and soffit page 36 Figure 3 Barge board and fascia detail page 37 Figure 4 Unvented soffit detail page 38

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
4.1	completed the risk assessment form accurately, to meet current health and safety legislation (note: where a risk assessment has been carried out for a previous task, the same form may be added to for this criteria)	<input type="checkbox"/>		
4.2	completed a resource checklist and selected the following correctly <ul style="list-style-type: none"> • tools to fix verge and eave components 	<input type="checkbox"/>		
4.3	<ul style="list-style-type: none"> • access equipment 	<input type="checkbox"/>		
4.4	constructed and fixed gable ladders in accordance with Figure 1: <ul style="list-style-type: none"> • constructed gable ladders to width as per Figure 1 	<input type="checkbox"/> ±5 mm	<input type="checkbox"/> ±3 mm	<input type="checkbox"/> ±1 mm
	<ul style="list-style-type: none"> • constructed gable ladders parallel as per Figure 1 	<input type="checkbox"/> within 3 mm	<input type="checkbox"/> within 2 mm	<input type="checkbox"/> within 1 mm
	<ul style="list-style-type: none"> • gable ladder correct length 	<input type="checkbox"/> ±5 mm	<input type="checkbox"/> ±3 mm	<input type="checkbox"/> ±1 mm
	<ul style="list-style-type: none"> • gable ladders plumb cut tight 	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 2 mm	<input type="checkbox"/> ±1 mm
4.5	fixed verge and eave components in accordance with Figures 2-4 : <ul style="list-style-type: none"> • fascia board fixed as per specification and level 	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 2 mm	<input type="checkbox"/> ±1 mm

AC	The candidate has	Pass	Merit	Distinction
	<ul style="list-style-type: none"> • barge board fixed as per Figure 2 with top plumb cut centre 	<input type="checkbox"/> ±4 mm	<input type="checkbox"/> ±2 mm	<input type="checkbox"/> ±1 mm
	<ul style="list-style-type: none"> • barge board seat cut level 	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 2 mm	<input type="checkbox"/> ±1 mm
	<ul style="list-style-type: none"> • barge/fascia mitre tight within 1 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • soffit tight fitting and level 	<input type="checkbox"/>		
4.6 4.3	<p>followed current environmental and relevant health and safety regulations relating to fixing verge and eave components, including the safe use of access equipment if required. This includes</p> <ul style="list-style-type: none"> • good house keeping • use of PPE • the use of machines in accordance with ACoP 	<input type="checkbox"/>		

Task grading rules		Task grade:
To award a pass : every activity in the checklist must be successfully achieved.		
To award a merit : in addition to the above, 5 out of 7 graded activities in the checklist must be achieved to at least a merit standard.		
To award a distinction : 5 out of 7 graded activities in the checklist must be achieved to at least a distinction standard, and 2 of the remaining graded activities must be achieved to at least a merit standard.		
Assessor	Signature & Date	

Unit 207 Carry out first fix flooring and roofing

Task 3 Lay floor joists

Expected time	3 hours
Task instructions	<ul style="list-style-type: none"> • Complete a risk assessment. • Complete a tool list. • Install bridging joist. • Install trimmed, trimmer and and trimming joists. • Install strutting. • Work according to environmental and health and safety regulations.
Diagrams	Figure 1 Floor joists page 39 Figure 2 Herringbone strutting page 40 Figure 3 Joist hanger page 41

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
6.1	completed the risk assessment form accurately, to meet current health and safety legislation (note: where a risk assessment has been carried out for a previous task, the same form may be added to for this criteria)	<input type="checkbox"/>		
6.2	completed a resource checklist and selected tools correctly	<input type="checkbox"/>		
6.3	laid floor joists in accordance with Figure 1 <ul style="list-style-type: none"> • joist centres marked out on wall plates 	<input type="checkbox"/> ±3 mm	<input type="checkbox"/> ±2 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • bridging joist fixed to correct centres 	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 2 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • overall joist length correct flush with wall plate 	<input type="checkbox"/> ±3 mm	<input type="checkbox"/> ±2 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • joist camber upwards 	<input type="checkbox"/>		
6.4	fixed strutting in accordance with Figure 1 <ul style="list-style-type: none"> • gaps not exceeding 2 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • strutting not split 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • strutting 5 mm in from edge of joist 	<input type="checkbox"/> ±3 mm	<input type="checkbox"/> ±2 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • positioned correctly 	<input type="checkbox"/> ± 5 mm	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 1 mm
6.5	trimmed joists to form a stairwell opening <ul style="list-style-type: none"> • opening formed to size 	<input type="checkbox"/> ± 5 mm	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • overall joist length correct flush with wall plate 	<input type="checkbox"/> ±3 mm	<input type="checkbox"/> ±2 mm	<input type="checkbox"/> ± 1 mm

AC	The candidate has	Pass	Merit	Distinction
	<ul style="list-style-type: none"> opening formed square 	<input type="checkbox"/> ± 5 mm	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> joist hangers correctly positioned with top of joist flush 	<input type="checkbox"/>		
6.6	followed current environmental and relevant health and safety regulations relating to laying floor joists, including <ul style="list-style-type: none"> good house keeping use of PPE use of machines in accordance with ACoP 	<input type="checkbox"/>		

Task grading rules		Task grade:
To award a pass : every activity in the checklist must be successfully achieved.		
To award a merit : in addition to the above, 6 out of 8 graded activities in the checklist must be achieved to at least a merit standard.		
To award a distinction : 6 out of 8 graded activities in the checklist must be achieved to at least a distinction standard, and 2 of the remaining graded activities must be achieved to at least a merit standard.		
Assessor	Signature & Date	

Unit 207 Carry out first fix flooring and roofing

Task 4 Fit and fix joist coverings

Expected time	2 hours
Task instructions	<ul style="list-style-type: none"> • Complete a risk assessment. • Complete a tool list. • Install floor covering. • Work according to environmental and health and safety regulations.
Diagrams	Figure 1 Floor covering page 42

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
8.1	completed the risk assessment form accurately, to meet current health and safety legislation (note: where a risk assessment has been carried out for a previous task, the same form may be added to for this criteria)	<input type="checkbox"/>		
8.2	completed a resource checklist and selected tools correctly	<input type="checkbox"/>		
8.3	fitted and fixed joist coverings in accordance with Figure 1 <ul style="list-style-type: none"> • flooring fixed securely with fixings countersunk or punched below surface 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • flooring flush with joist ends and sides within 2 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • all joints are supported 	<input type="checkbox"/>		
8.4	followed current environmental and relevant health and safety regulations relating to fitting and fixing joist coverings, including <ul style="list-style-type: none"> • good house keeping • use of PPE • use of machines in accordance with ACoP 	<input type="checkbox"/>		

Task grading rules		Task grade:
To award a pass : every activity in the checklist must be successfully achieved.		
Assessor	Signature & Date	

Unit 208 Carry out first fix frames, partitions and stairs

Task 1 Construct stud partitions

Expected time	4 hours
Task instructions	<ul style="list-style-type: none"> • Complete a risk assessment. • Complete a tools, materials and fixings list. • Construct a stud partition with return and door opening. • Work according to environmental and health and safety regulations.
Diagrams	Figure 1 Stud partition page 43 Figure 2 Stud partition with opening detail page 44

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
4.1	completed the risk assessment form accurately, to meet current health and safety legislation	<input type="checkbox"/>		
4.2	completed a resource checklist and selected the following correctly <ul style="list-style-type: none"> • tools • materials • fixings 	<input type="checkbox"/>		
4.3 4.4 4.5 4.6	constructed a timber stud partition, including door opening and return in accordance with Figures 1 and 2 <ul style="list-style-type: none"> • studwork height correct 	<input type="checkbox"/> ± 5 mm	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • studwork widths (including return) correct 	<input type="checkbox"/> ± 5 mm	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • opening size correct 	<input type="checkbox"/> ± 5mm	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • opening plumb 	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 2 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • opening straight 	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 2 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • head height correct 	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 2 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • door head level within 2 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • all noggins fixed securely and tight without bowing studs 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • corner constructed as per Figures 1 and 2 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • all work securely fixed plumb 	<input type="checkbox"/>		

AC	The candidate has	Pass	Merit	Distinction
4.7	<p>followed current environmental and relevant health and safety regulations relating to constructing stud partitions, including</p> <ul style="list-style-type: none"> • good house keeping • use of PPE • use of machines in accordance with ACoP 	<input type="checkbox"/>		

Task grading rules		Task grade:
To award a pass : every activity in the checklist must be successfully achieved.		
To award a merit : in addition to the above, 4 out of 6 graded activities in the checklist must be achieved to at least a merit standard.		
To award a distinction : 4 out of 6 graded activities in the checklist must be achieved to at least a distinction standard, and 2 of the remaining graded activities must be achieved to at least a merit standard.		
Assessor	Signature & Date	

Unit 208 Carry out first fix frames, partitions and stairs

Task 2 Fix frames and linings

Expected time	2 hours
Task instructions	<ul style="list-style-type: none"> • Complete a risk assessment. • Complete a tools, fixings and materials list. • Assemble and fix a door lining. • Work according to environmental and health and safety regulations.
Diagrams	Figure 1 Door lining page 45

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
2.1	completed the risk assessment form accurately, to meet current health and safety legislation (note: where a risk assessment has been carried out for a previous task, the same form may be added to for this criteria)	<input type="checkbox"/>		
2.2	completed a resource checklist and selected the following correctly <ul style="list-style-type: none"> • tools 	<input type="checkbox"/>		
2.3	<ul style="list-style-type: none"> • fixings • materials 	<input type="checkbox"/>		
2.4	fixed lining in accordance with Figure 1	<input type="checkbox"/>		
2.5	<ul style="list-style-type: none"> • lining jambs plumb both ways within 2 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • lining straight without bumps or hollows within 2 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • lining out of twist within 2 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • head level within 2 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • lining fixed within 2 mm, as per Figure 1, without splitting wedges 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • lining positioned to studwork, allowing for cladding/plasterboard 	<input type="checkbox"/>		
2.6	followed current environmental and relevant health and safety regulations relating to fixing frames and linings, including <ul style="list-style-type: none"> • good house keeping • use of PPE • use of machines in accordance with ACoP 	<input type="checkbox"/>		

Task grading rules		Task grade:
To award a pass : every activity in the checklist must be successfully achieved.		
Assessor	Signature & Date	

Unit 208 Carry out first fix frames, partitions and stairs

Task 3 Fix a straight flight of stairs

Expected time	4 hours
Task instructions	<ul style="list-style-type: none"> • Complete a risk assessment. • Complete a tools and equipment list. • Fix a staircase, newels and balustrade. • Work according to environmental and health and safety regulations.
Diagrams	Figure 1 Half flight staircase page 46 Figure 2 Newel and string detail page 47

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
6.1	completed the risk assessment form accurately, to meet current health and safety legislation (note: where a risk assessment has been carried out for a previous task, the same form may be added to for this criteria)	<input type="checkbox"/>		
6.2	completed a resource checklist and selected the following correctly <ul style="list-style-type: none"> • tools • equipment 	<input type="checkbox"/>		
6.3	fixed the following in accordance with Figures 1 and 2 stairs <ul style="list-style-type: none"> • fixed securely to trimmer 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • nosing secure without gaps 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • top and bottom riser secure without gaps 	<input type="checkbox"/>		
	newels and string <ul style="list-style-type: none"> • newel seating correctly notched with no gaps 	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 2 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • strings cut correctly at top and bottom 	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 2 mm	<input type="checkbox"/> ± 1 mm
	balustrading <ul style="list-style-type: none"> • spindle spacings equal (not exceeding 100 mm) 	<input type="checkbox"/> ± 4 mm	<input type="checkbox"/> ± 2 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • minimum spindles used for available span 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • infill pieces tight within 1 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • spindles plumb 	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 2 mm	<input type="checkbox"/> ± 1 mm

AC	The candidate has	Pass	Merit	Distinction
6.4	<p>followed current environmental and relevant health and safety regulations relating to fixing a straight flight of stairs, including</p> <ul style="list-style-type: none"> • good house keeping • use of PPE • use of machines in accordance with ACoP 	<input type="checkbox"/>		

Task grading rules		Task grade:
To award a pass : every activity in the checklist must be successfully achieved.		
To award a merit : in addition to the above, all 4 graded activities in the checklist must be achieved to at least a merit standard.		
To award a distinction : in addition to both of the above, all 4 graded activities in the checklist must be achieved to a distinction standard.		
Assessor	Signature & Date	

Unit 209 Carry out second fixing operations

Task 1 Install doors and ironmongery

Expected time	4 hours
Task instructions	<ul style="list-style-type: none"> • Complete a risk assessment. • Hang a door. • Fit lock with handles. • Work according to environmental and health and safety regulations.
Diagrams	Figure 1 Door with ironmongery detail page 48

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
2.1	completed the risk assessment form accurately, to meet current health and safety legislation	<input type="checkbox"/>		
2.2 2.3	prepared and hung door in accordance with Figure 1 <ul style="list-style-type: none"> • door presented to opening and checked for size 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • door hung with 2-3 mm gap 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • hinge housings set with gap not exceeding 1 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • hinges fitted at correct spacing 	<input type="checkbox"/> ± 5 mm	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • hinges fitted correctly (three knuckles on casing and two knuckles on door) 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • leading edge applied 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • hung without binding 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • hung flush with the lining 	<input type="checkbox"/>		
2.3	fitted ironmongery in accordance with Figure 1 <ul style="list-style-type: none"> • spindle height correct 	<input type="checkbox"/> ± 5 mm	<input type="checkbox"/> ± 3 mm	<input type="checkbox"/> ± 1 mm
	<ul style="list-style-type: none"> • lock forend fitted without gaps exceeding 2 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • handles fixed securely 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • handles plumb within 1 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • smooth handle action 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • smooth lock/key action 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • keep fitted neatly with no gaps exceeding 1 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • keep fitted flush within 1 mm (not proud) 	<input type="checkbox"/>		

AC	The candidate has	Pass	Merit	Distinction
	<ul style="list-style-type: none"> door stop fitted securely without binding with a gap of 1 mm around the inside of the door 	<input type="checkbox"/>		
2.4	<p>followed current environmental and relevant health and safety and fire regulations relating to installing doors and ironmongery, including</p> <ul style="list-style-type: none"> good housekeeping use of PPE use of machines in accordance with ACoP 	<input type="checkbox"/>		

Task grading rules		Task grade:
To award a pass : every activity in the checklist must be successfully achieved.		
To award a merit : in addition to the above, both (2) graded activities in the checklist must be achieved to at least a merit standard.		
To award a distinction : in addition to both of the above, both (2) graded activities in the checklist must be achieved to a distinction standard.		
Assessor	Signature & Date	

Unit 209 Carry out second fixing operations

Task 2 Fix mouldings

Expected time	3 hours
Task instructions	<ul style="list-style-type: none"> • Complete a risk assessment. • Fix architrave around full size door lining with a 7 mm margin. • Fix skirting, including square and obtuse mitres and square and obtuse scribes and scribe to uneven floor. • Work according to environmental and health and safety regulations.
Diagrams	Figure 1 Skirting jig plan view page 49 Figure 2 Skirting jig elevation view page 50

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
4.1	completed the risk assessment form accurately, to meet current health and safety legislation (note: where a risk assessment has been carried out for a previous task, the same form may be added to for this criteria)	<input type="checkbox"/>		
4.2 4.3	cut, scribe, mitre and fix mouldings in accordance with Figures 1 and 2	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • skirting mitres tight within 1 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • obtuse mitre follows bisection line 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • skirting scribed joints tight within 1 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • skirting scribes correctly handed (scribes away from line of sight) 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • skirting tight to stop 	<input type="checkbox"/> within 2 mm	<input type="checkbox"/> within 1 mm	<input type="checkbox"/> within 0.5 mm
	<ul style="list-style-type: none"> • skirting floor scribe tight 	<input type="checkbox"/> within 2 mm	<input type="checkbox"/> within 1 mm	<input type="checkbox"/> within 0.5 mm
	<ul style="list-style-type: none"> • architrave mitres tight within 1 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • architrave margin 7 mm 	<input type="checkbox"/> within 2 mm	<input type="checkbox"/> within 1 mm	<input type="checkbox"/> within 0.5 mm
	<ul style="list-style-type: none"> • architrave margin parallel 	<input type="checkbox"/> within 2 mm	<input type="checkbox"/> within 1 mm	<input type="checkbox"/> within 0.5 mm
	<ul style="list-style-type: none"> • architrave tight to floor 	<input type="checkbox"/> within 5 mm	<input type="checkbox"/> within 3 mm	<input type="checkbox"/> within 1 mm

AC	The candidate has	Pass	Merit	Distinction
	all fixings nailed and punched with minimal hammer marks (for both mouldings together)	<input type="checkbox"/> 2 hammer marks	<input type="checkbox"/> 1 hammer marks	<input type="checkbox"/> 0 hammer marks
4.4 4.5	followed current environmental and relevant health and safety regulations relating to installing mouldings, including the safe use of access equipment if required. This includes <ul style="list-style-type: none"> • good house keeping • use of PPE • use of machines according to ACoP 	<input type="checkbox"/>		

Task grading rules		Task grade:
To award a pass : every activity in the checklist must be successfully achieved.		
To award a merit : in addition to the above, 5 out of 6 graded activities in the checklist must be achieved to at least a merit standard.		
To award a distinction : 5 out of 6 graded activities in the checklist must be achieved to at least a distinction standard, and 1 of the remaining graded activities must be achieved to at least a merit standard.		
Assessor	Signature & Date	

Unit 209 Carry out second fixing operations

Task 3 Fix service encasements and cladding

Expected time	3 hours
Task instructions	<ul style="list-style-type: none"> • Complete a risk assessment. • Fix a framed pipe boxing to a wall. • Fix cladding with cups and screws. • Work according to environmental and health and safety regulations.
Diagrams	Figure 1 Pipe boxing with cladding page 51

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
6.1	completed the risk assessment form accurately, to meet current health and safety legislation (note: where a risk assessment has been carried out for a previous task, the same form may be added to for this criteria)	<input type="checkbox"/>		
6.2 6.3	fixed service encasements and cladding in accordance with Figure 1 <ul style="list-style-type: none"> • framed up as per Figure 1 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • boxing securely fixed to wall and plumb within 3 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • cladded neatly without gaps or lips exceeding 2 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • cladding securely fixed 	<input type="checkbox"/>		
6.4 6.5	followed current environmental and relevant health and safety regulations relating to installing service encasements and cladding, including the safe use of access equipment if required. This includes <ul style="list-style-type: none"> • good house keeping • use of PPE • use of machines according to ACoP 	<input type="checkbox"/>		

Task grading rules		Task grade:
To award a pass : every activity in the checklist must be successfully achieved.		
Assessor	Signature & Date	

Unit 209 Carry out second fixing operations

Task 4 Install kitchen units, worktops and fitments

Expected time	4 hours
Task instructions	<ul style="list-style-type: none"> • Complete a risk assessment. • Complete a tools and fixings list. • Fit base units in position. • Fit wall unit in position. • Install a worktop. • Hang doors. • Fit plinth and end panel. • Work according to environmental and health and safety regulations.
Diagrams	Figure 1 Kitchen units and worktop detail page 52

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
8.1	completed the risk assessment form accurately, to meet current health and safety legislation (note: where a risk assessment has been carried out for a previous task, the same form may be added to for this criteria)	<input type="checkbox"/>		
8.3	installed wall and floor units in accordance with Figure 1 <ul style="list-style-type: none"> • floor units fitted according to the location in Figure 1 	<input type="checkbox"/> within 5 mm	<input type="checkbox"/> within 3 mm	<input type="checkbox"/> within 1 mm
	<ul style="list-style-type: none"> • units level (over length of run) 	<input type="checkbox"/> within 3 mm	<input type="checkbox"/> within 2 mm	<input type="checkbox"/> within 1 mm
	<ul style="list-style-type: none"> • wall unit fixed securely to wall according to the location in Figure 1 	<input type="checkbox"/> within 5 mm	<input type="checkbox"/> within 3 mm	<input type="checkbox"/> within 1 mm
8.4 8.5	installed post-formed worktops in accordance with Figure 1 <ul style="list-style-type: none"> • worktops securely fixed as per Figure 1 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • butt scribe tight with no gaps exceeding 0.5 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • butt scribe bolted tight from below 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • butt scribe flush 	<input type="checkbox"/>		
8.2 8.6	installed fitments in accordance with Figure 1 <ul style="list-style-type: none"> • doors fitted and adjusted with a parallel 3 mm gap within 1 mm 	<input type="checkbox"/>		

AC	The candidate has	Pass	Merit	Distinction
	<ul style="list-style-type: none"> doors level within 2 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> plinth board fitted without gaps exceeding 2 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> decorative end panel fitted without gaps exceeding 2 mm 	<input type="checkbox"/>		
8.2 8.4 8.5 8.6	completed a resource checklist and correct tools and fixings used as appropriate	<input type="checkbox"/>		
8.7 8.8	<p>followed current environmental and relevant health and safety regulations relating to installing wall, floor units and fitments, including the safe use of access equipment if required. This includes</p> <ul style="list-style-type: none"> good house keeping use of PPE use of machines according to ACoP 	<input type="checkbox"/>		

Task grading rules		Task grade:
To award a pass : every activity in the checklist must be successfully achieved.		
To award a merit : in addition to the above, all 3 graded activities in the checklist must be achieved to at least a merit standard.		
To award a distinction : in addition to both of the above, all 3 graded activities in the checklist must be achieved to a distinction standard.		
Assessor	Signature & Date	

Unit 210 Carry out carpentry maintenance

Task 1 Repair mouldings, doors and window sills

Expected time	2 hours
Task instructions	<ul style="list-style-type: none"> Remove portion of cill. Remove portion of architrave. Replace cill (splice). Replace architrave (splice). Work according to environmental and health and safety regulations.
Diagrams	Figure 1 Cill page 53 Figure 2 Cill piece to be replaced page 54

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
2.2	replaced damaged timber <ul style="list-style-type: none"> correct length of cill portion cut away at 45° 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> both cuts square vertically 	<input type="checkbox"/>		
2.3	spliced new sections into cill	<input type="checkbox"/>		
2.1	<ul style="list-style-type: none"> no gaps in joint exceeding 1 mm 			
2.2	<ul style="list-style-type: none"> screws pelleted flush with no chips below surface 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> new piece spliced in flush with existing 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> no damage to original cill 	<input type="checkbox"/>		
2.4	prepared surfaces for applying finishes <ul style="list-style-type: none"> surface prepared to a suitable standard to accept stain 	<input type="checkbox"/>		
2.5	followed current environmental and relevant health and safety regulations relating to repairing mouldings, doors and window cills, including <ul style="list-style-type: none"> good housekeeping use of PPE use of machines in accordance with ACoP 	<input type="checkbox"/>		

Task grading rules		Task grade:
To award a pass : every activity in the checklist must be successfully achieved.		
Assessor	Signature & Date	

Unit 210 Carry out carpentry maintenance

Task 2 Replace gutters and downpipes

Expected time	1 hour
Task instructions	<ul style="list-style-type: none"> • Complete a risk assessment. • Complete a tool list. • Fit gutter, bracket and stop end. • Fit downpipe, bracket and outlet shoe. • Work according to environmental health and safety regulations.
Diagrams	Figure 1 Gutter and downpipe on fascia page 55

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
4.1	completed the risk assessment form accurately, to meet current health and safety legislation	<input type="checkbox"/>		
4.2	joint and fix new guttering to existing guttering	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • gutter pushed fully into stops and clips 			
	<ul style="list-style-type: none"> • bracket and stop end secure 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • gutter in fall maximum 5 mm over 2 m 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • brackets positioned with equal spacings 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • completed a resource checklist and appropriate tools used 	<input type="checkbox"/>		
4.3	joint and fix new downpipes to existing guttering	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • downpipe secure 			
	<ul style="list-style-type: none"> • downpipe plumb within 2 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • shoe correctly fitted 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • brackets positioned with equal spacings 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • completed a resource checklist and appropriate tools used 	<input type="checkbox"/>		
4.4 4.5	followed current environmental and relevant health and safety regulations relating to replacing gutters and down pipes, including the safe use of access equipment if required. this includes	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • good housekeeping 			

Task grading rules		Task grade:
To award a pass : every activity in the checklist must be successfully achieved.		
Assessor	Signature & Date	

Unit 210 Carry out carpentry maintenance

Task 3 Replace sash cords

Expected time	2 hours
Task instructions	<ul style="list-style-type: none"> • Carry out a risk assessment. • Strip down a sliding sash window. • Replace sash cords. • Assemble sliding sash window.
Diagrams	Figure 1 Sliding sash window page 56 Figure 2 Sash cord detail page 57

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
6.1	completed the risk assessment form accurately, to meet current health and safety legislation (note: where a risk assessment has been carried out for a previous task, the same form may be added to for this criteria)	<input type="checkbox"/>		
6.2	removed box sash window components to expose the weights (bottom/inside sash)	<input type="checkbox"/>		
6.3	attached new sash cords to the required length <ul style="list-style-type: none"> • sash cords securely tied to weights and sash 	<input type="checkbox"/>		
6.4	reassembled box sash windows components <ul style="list-style-type: none"> • sash moves to maximum possible extent 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • sash moves smoothly 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • any damaged beads replaced if required 	<input type="checkbox"/>		
6.5 6.6	followed current environmental and relevant health and safety regulations relating to replacing sash cords, including the safe use of access equipment if required. this includes <ul style="list-style-type: none"> • good housekeeping 	<input type="checkbox"/>		

Task grading rules		Task grade:
To award a pass : every activity in the checklist must be successfully achieved.		
Assessor	Signature & Date	

Unit 211 Set up and operate a circular saw

Task 1 Change circular saw blades and cut timber and manufactured boards

Expected time	3 hours
Task instructions	<ul style="list-style-type: none"> • Carry out a risk assessment. • Change the blade on a circular saw. • Set up a circular saw ready for use. • Rip a section of timber with a circular saw as shown in Figures 1 and 2. • Cut board material as shown in Figure 4.
Diagrams	Figure 1 Rip cuts page 58 Figure 2 Rip cuts measurement detail page 59 Figure 3 45° rip cut saddle 60 Figure 4 Tapered cut page 61

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
3.1 6.1	completed the risk assessment form accurately, to meet current health and safety legislation	<input type="checkbox"/>		
3.2 3.3 3.4 6.2	followed the sequence for changing circular saw blades using manufacturers' tools in accordance with their instructions and current legislation <ul style="list-style-type: none"> • isolated machine before proceeding 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • removed guarding, riving knife and saw blade safely and without damage 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • cleaned machine down 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • checked replacement blade prior to fitting for correct type and sharpness 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • saw blade seating and cutting direction correct 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • tightened blade in accordance with manufacturer's instructions 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • set riving knife as per current legislation (ACoP) 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • replaced guarding/ancillary components 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • checked blade for free rotation 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> • checked machine for faults before reconnecting machine 	<input type="checkbox"/>		
6.4	set guards according to current legislation (ACoP)	<input type="checkbox"/>		

AC	The candidate has	Pass	Merit	Distinction
6.3 6.5 6.6 6.7	identified timber defects <ul style="list-style-type: none"> timber appropriately fed in relation to any cupping, bowing or dead knots 	<input type="checkbox"/>		
	set fences, adjust saw blades and cut material in accordance with Figures 1-4 timber cut as in Figures 1 and 2 <ul style="list-style-type: none"> sections A and B dimensioned within 1 mm in accordance with Figure 2 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> square timber for sections C and D brought to 45 mm wide within 1 mm 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> sections C and D dimensioned in within 1 mm using saddle, in accordance with Figure 2 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> ensured wedge jig handle is sufficiently long to keep hands at least 300 mm away from blade 	<input type="checkbox"/>		
	<ul style="list-style-type: none"> tapered cut to dimensions within 1 mm in accordance with Figure 4 	<input type="checkbox"/>		
6.8 6.9	followed current environmental and relevant health and safety legislation relating to changing circular saw blades and cutting of timber and manufactured boards. This includes: <ul style="list-style-type: none"> push stick used where required the use of appropriate PPE at all times appropriate extraction used at all times cleaning down of all machines after use 	<input type="checkbox"/>		

Task grading rules		Task grade:
To award a pass : every activity in the checklist must be successfully achieved.		
Assessor	Signature & Date	

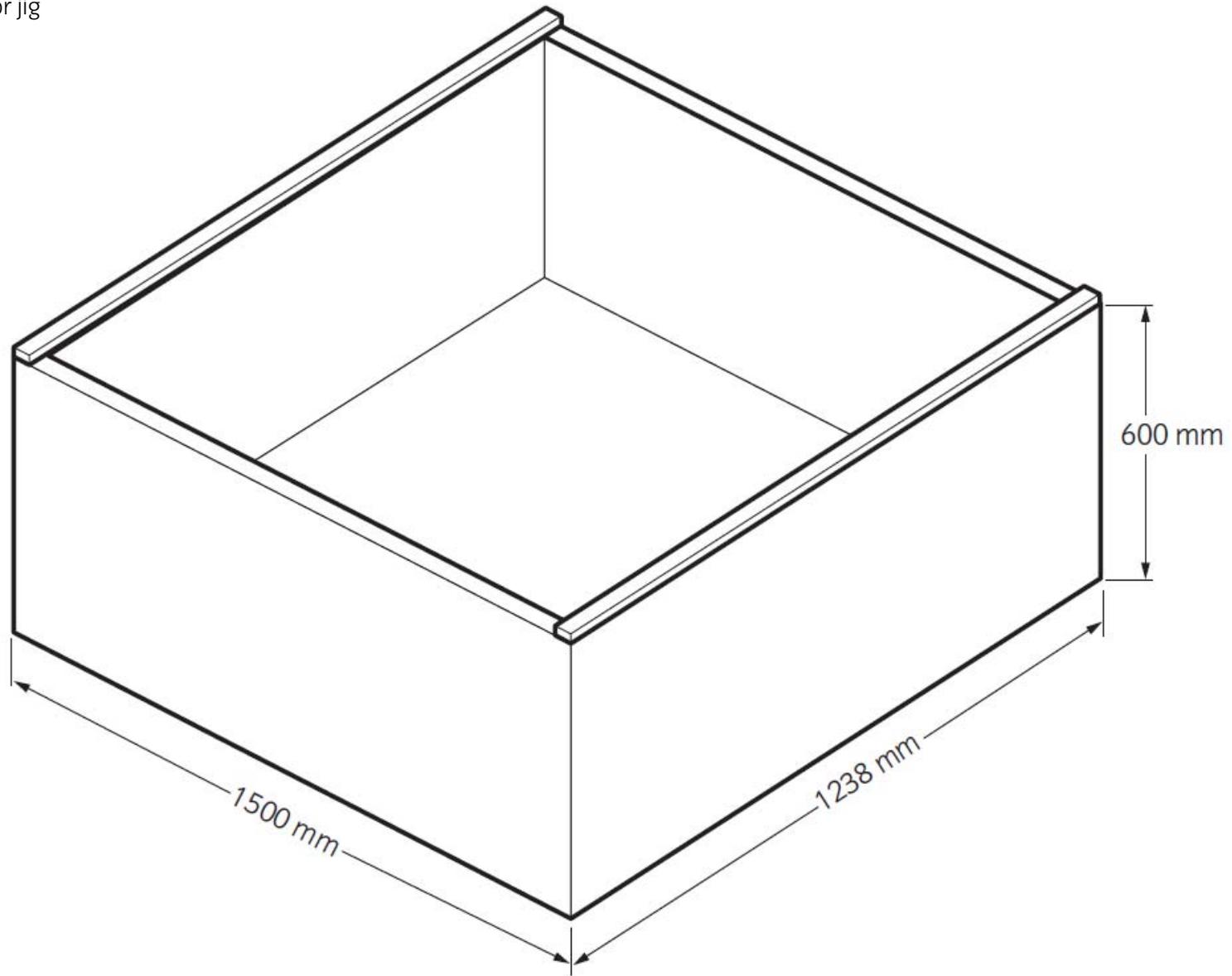
Drawings and diagrams

Unit 207 Carry out first fix flooring and roofing

Task 1 Build a roof structure

Figure 1: Roof and floor jig

Diagram not to scale



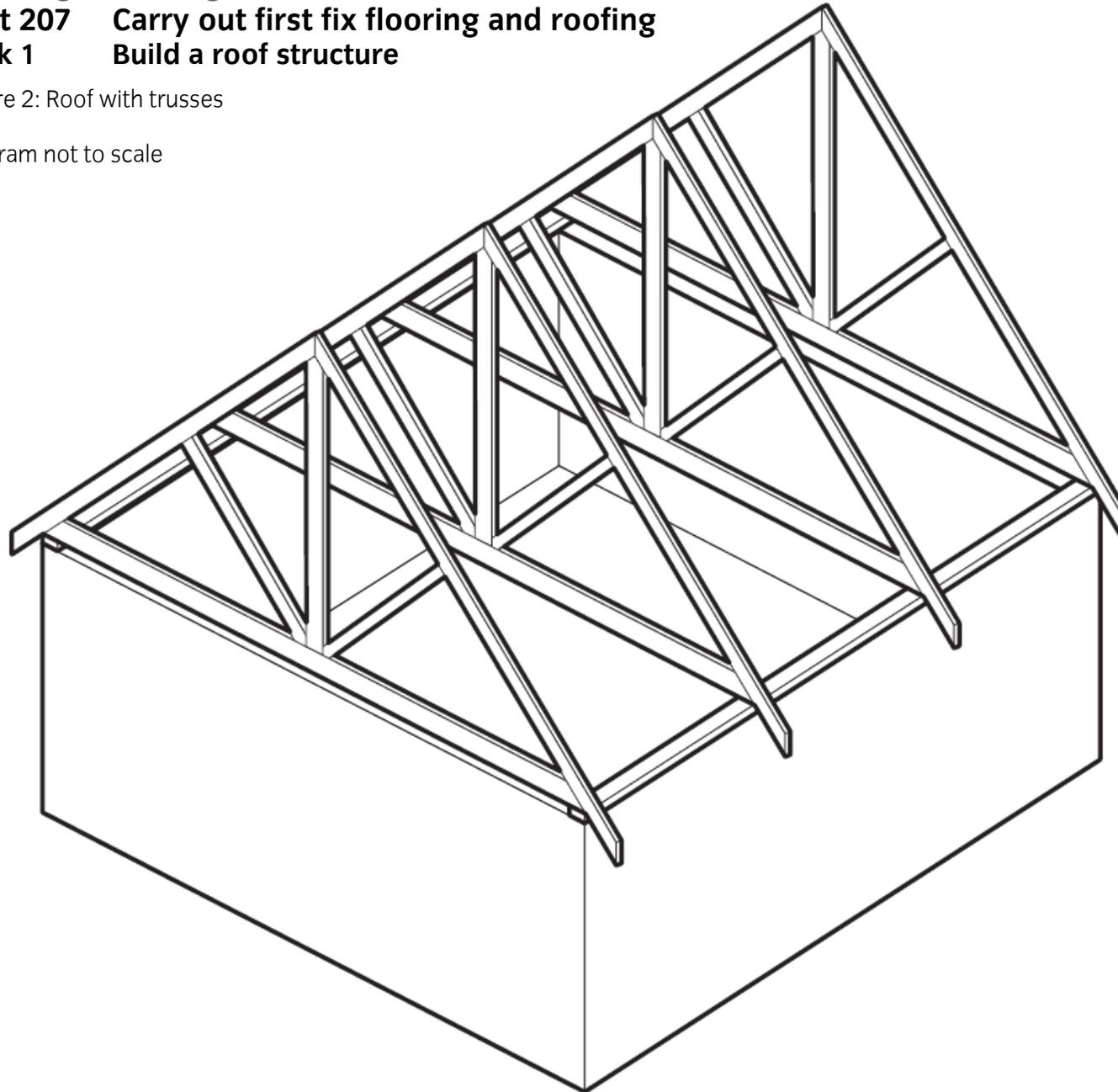
Drawings and diagrams

Unit 207 Carry out first fix flooring and roofing

Task 1 Build a roof structure

Figure 2: Roof with trusses

Diagram not to scale



4 trusses at 400 mm centres

Minimum 30° pitch

Bracing omitted for clarity

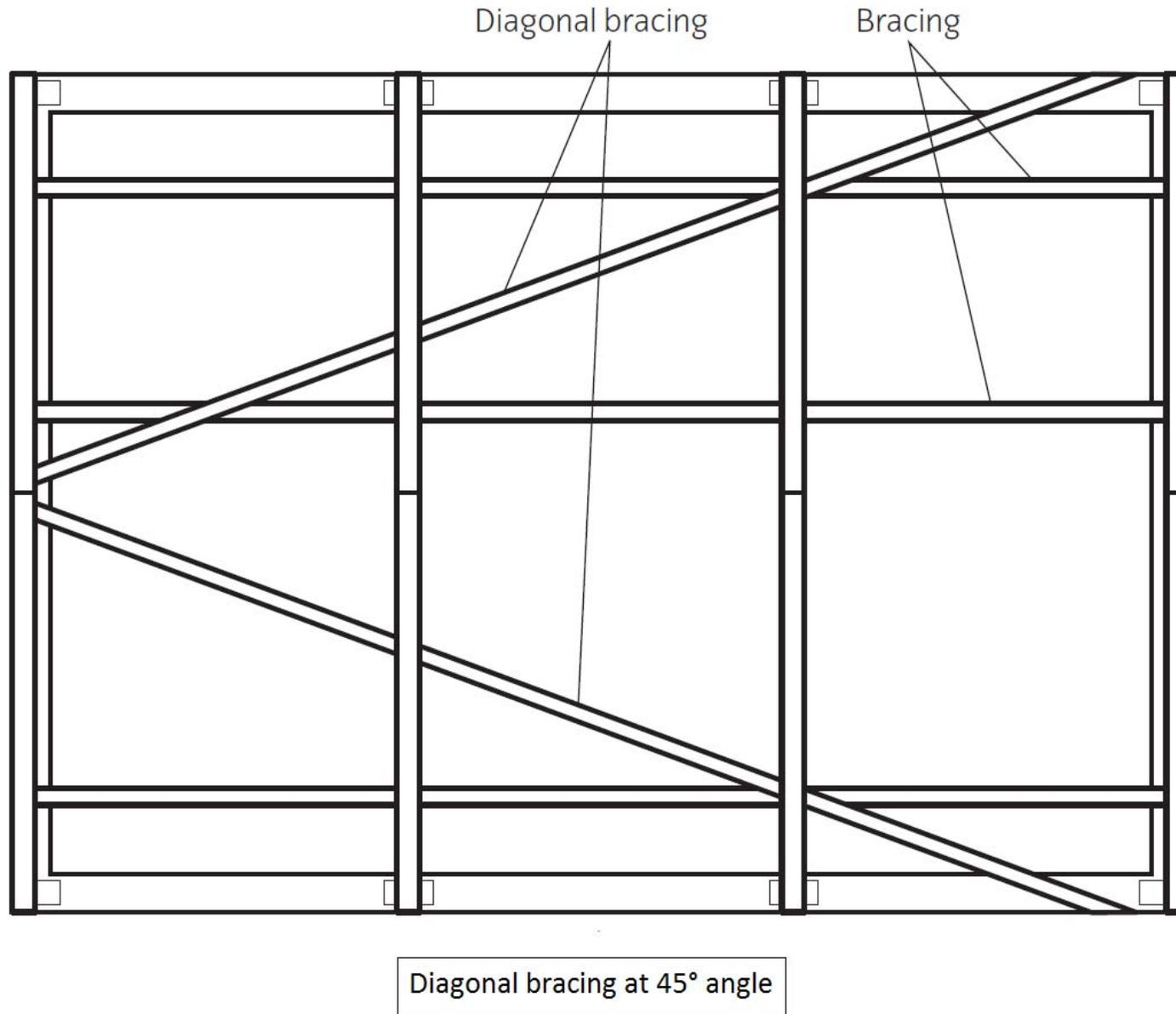
Drawings and diagrams

Unit 207 Carry out first fix flooring and roofing

Task 1 Build a roof structure

Figure 3: Bracing

Diagram not to scale



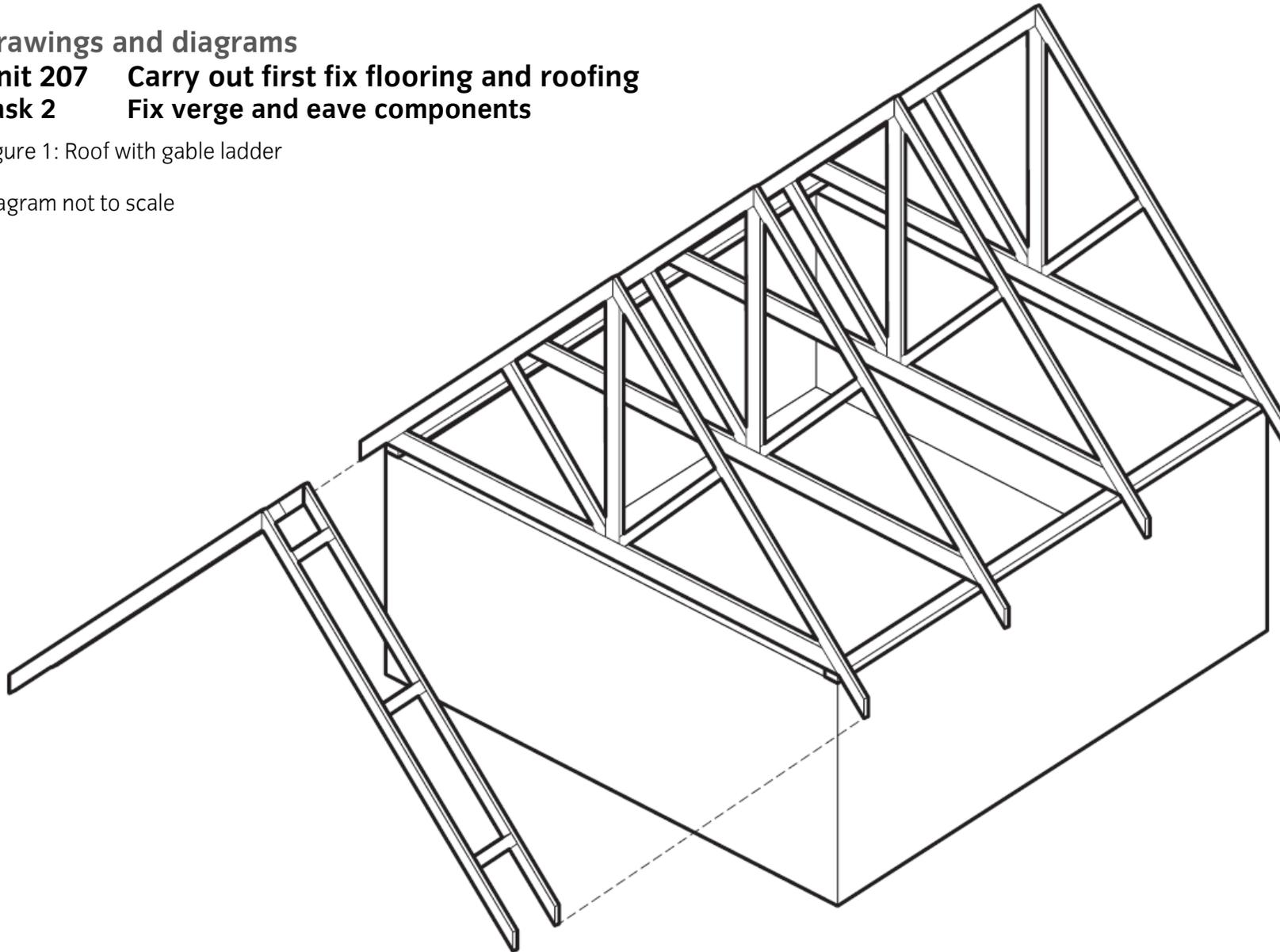
Drawings and diagrams

Unit 207 Carry out first fix flooring and roofing

Task 2 Fix verge and eave components

Figure 1: Roof with gable ladder

Diagram not to scale



Gable ladder overall width 200 mm

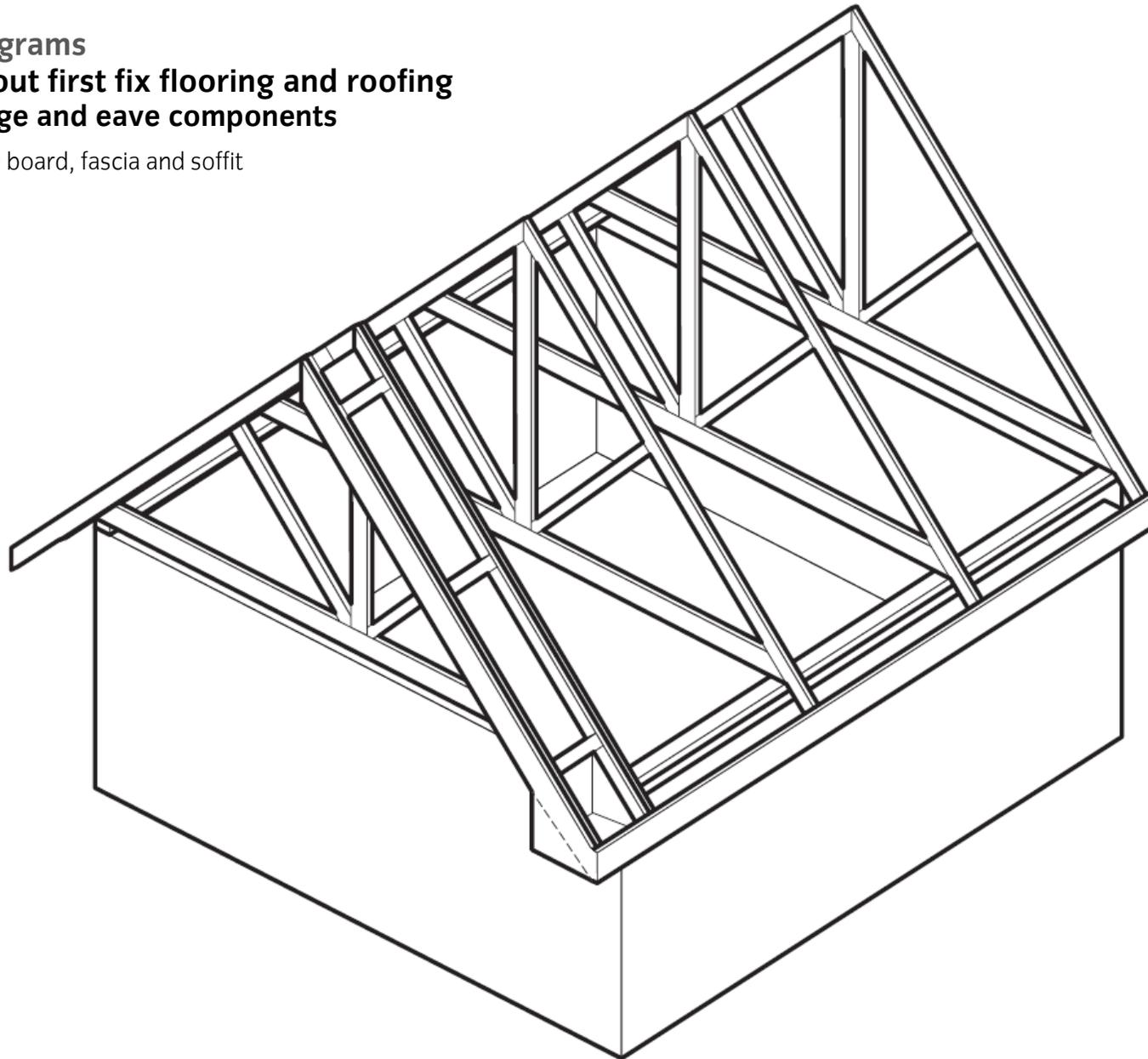
Drawings and diagrams

Unit 207 Carry out first fix flooring and roofing

Task 2 Fix verge and eave components

Figure 2: Roof with barge board, fascia and soffit

Diagram not to scale



Barge board to apex, soffit and fascia as shown

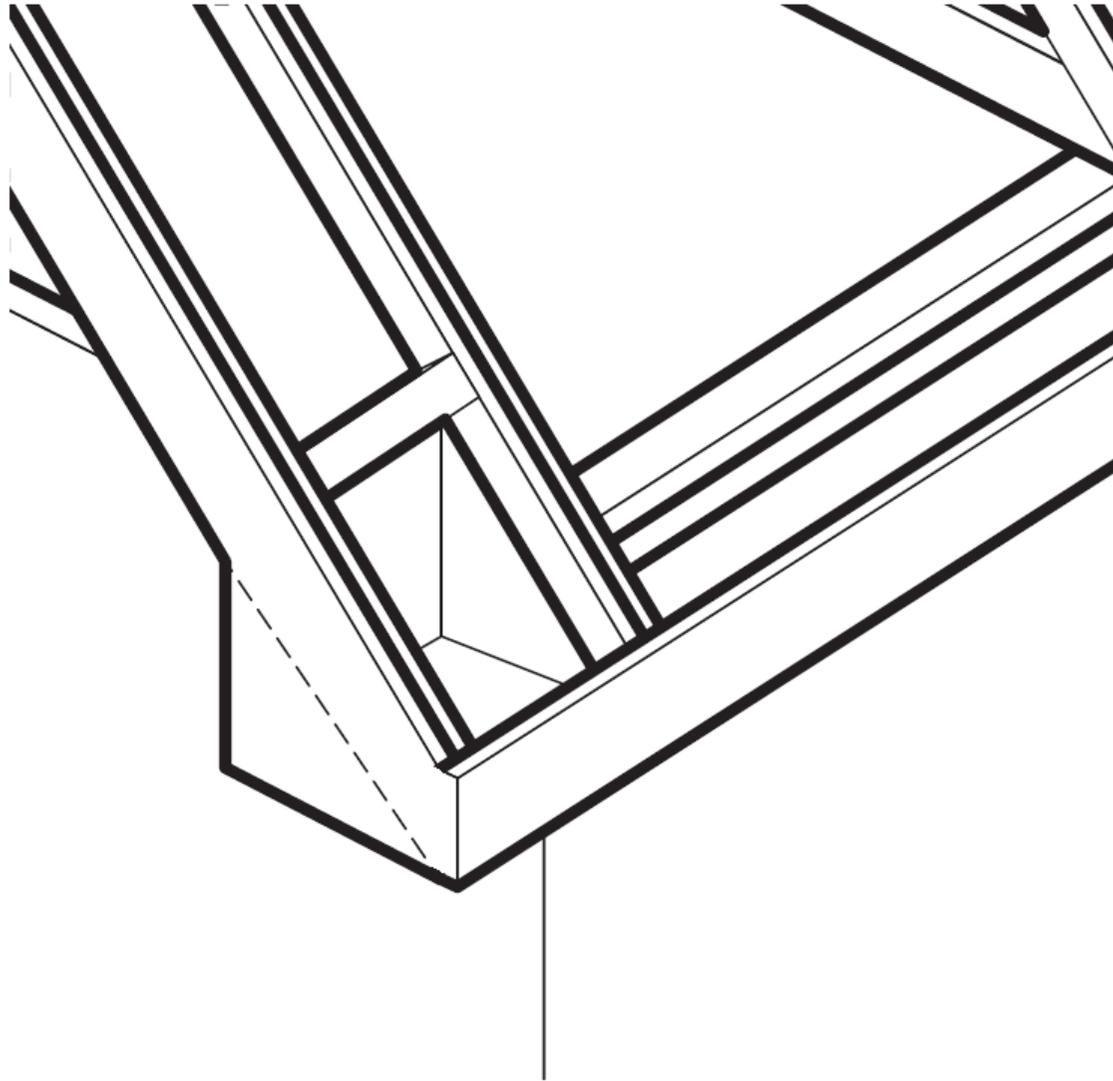
Drawings and diagrams

Unit 207 Carry out first fix flooring and roofing

Task 2 Fix verge and eave components

Figure 3: Barge board and fascia detail

Diagram not to scale



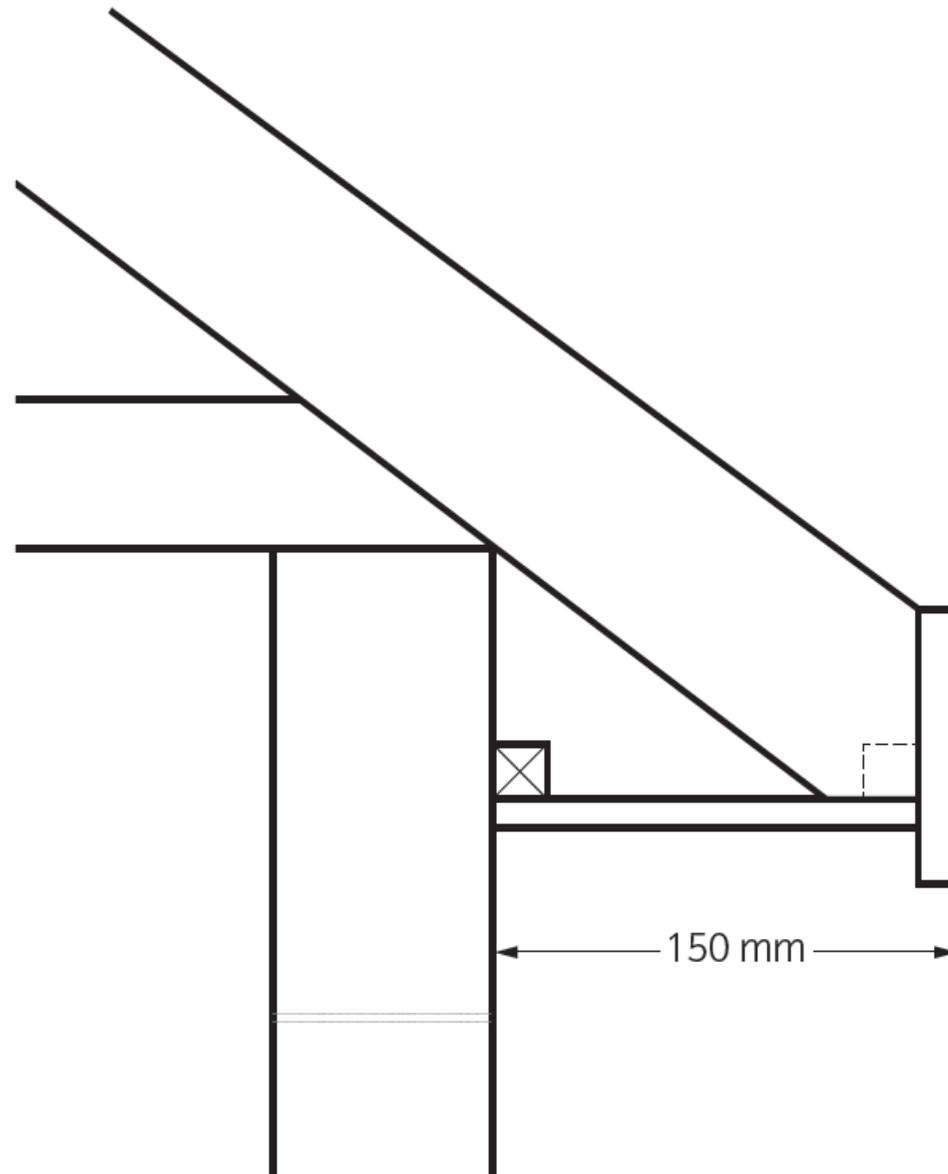
Drawings and diagrams

Unit 207 Carry out first fix flooring and roofing

Task 2 Fix verge and eave components

Figure 4: Unvented soffit detail

Diagram not to scale



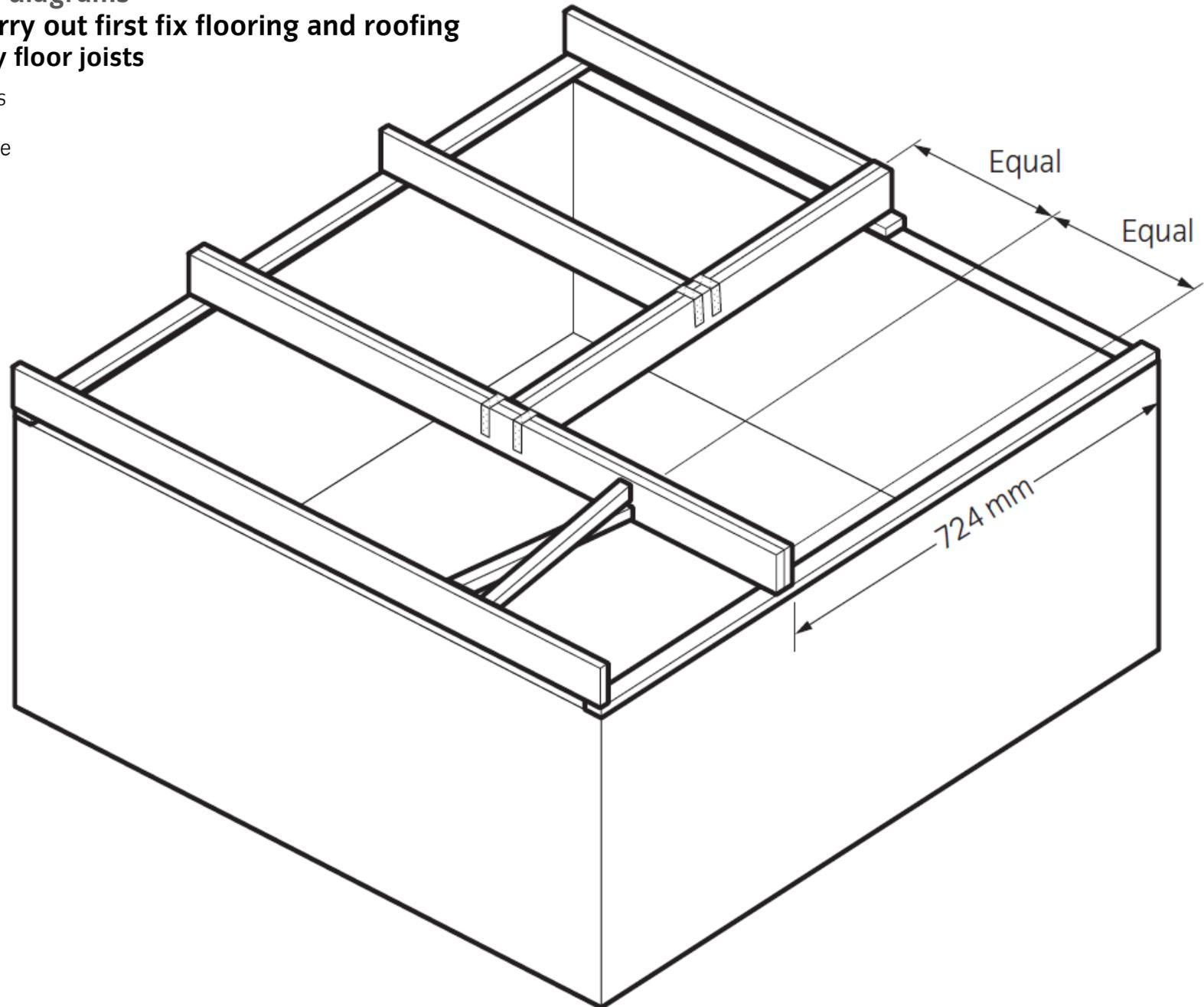
Drawings and diagrams

Unit 207 Carry out first fix flooring and roofing

Task 3 Lay floor joists

Figure 1: Floor joists

Diagram not to scale



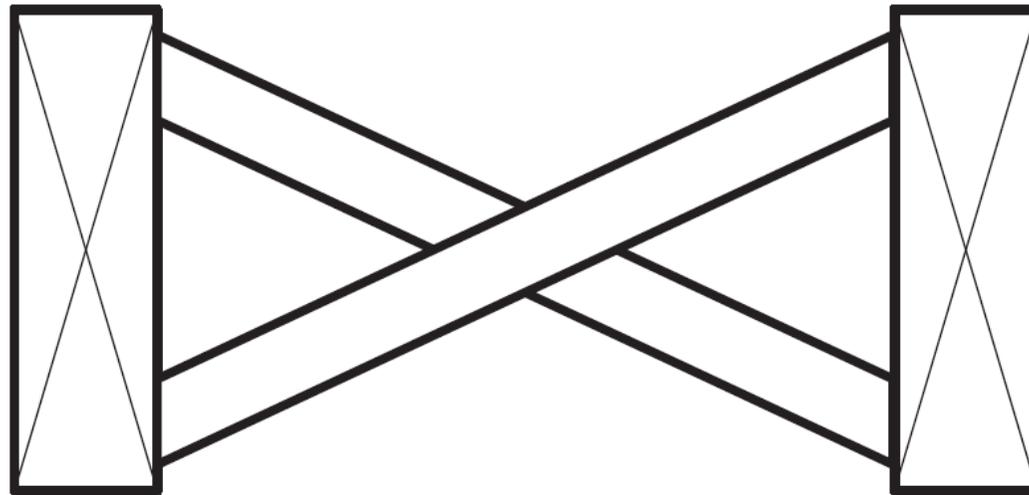
Drawings and diagrams

Unit 207 Carry out first fix flooring and roofing

Task 3 Lay floor joists

Figure 2: Herringbone strutting

Diagram not to scale



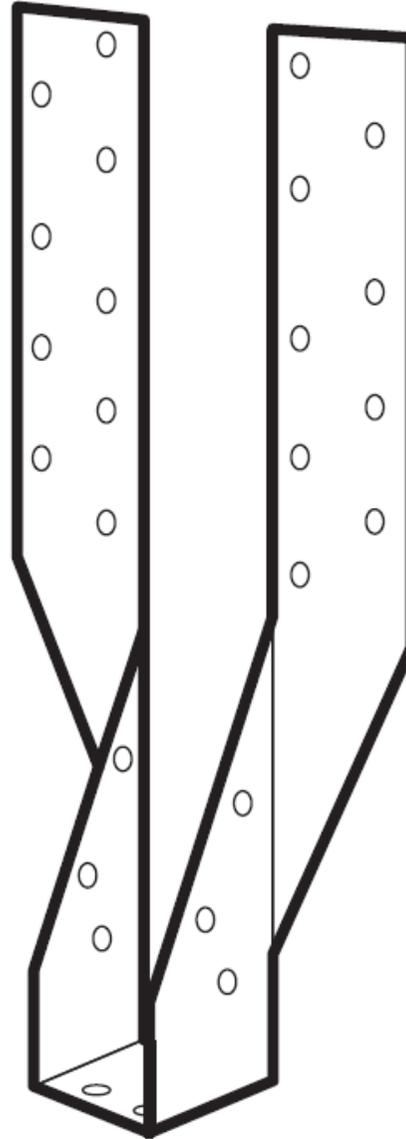
Drawings and diagrams

Unit 207 Carry out first fix flooring and roofing

Task 3 Lay floor joists

Figure 3: Joist hanger

Diagram not to scale



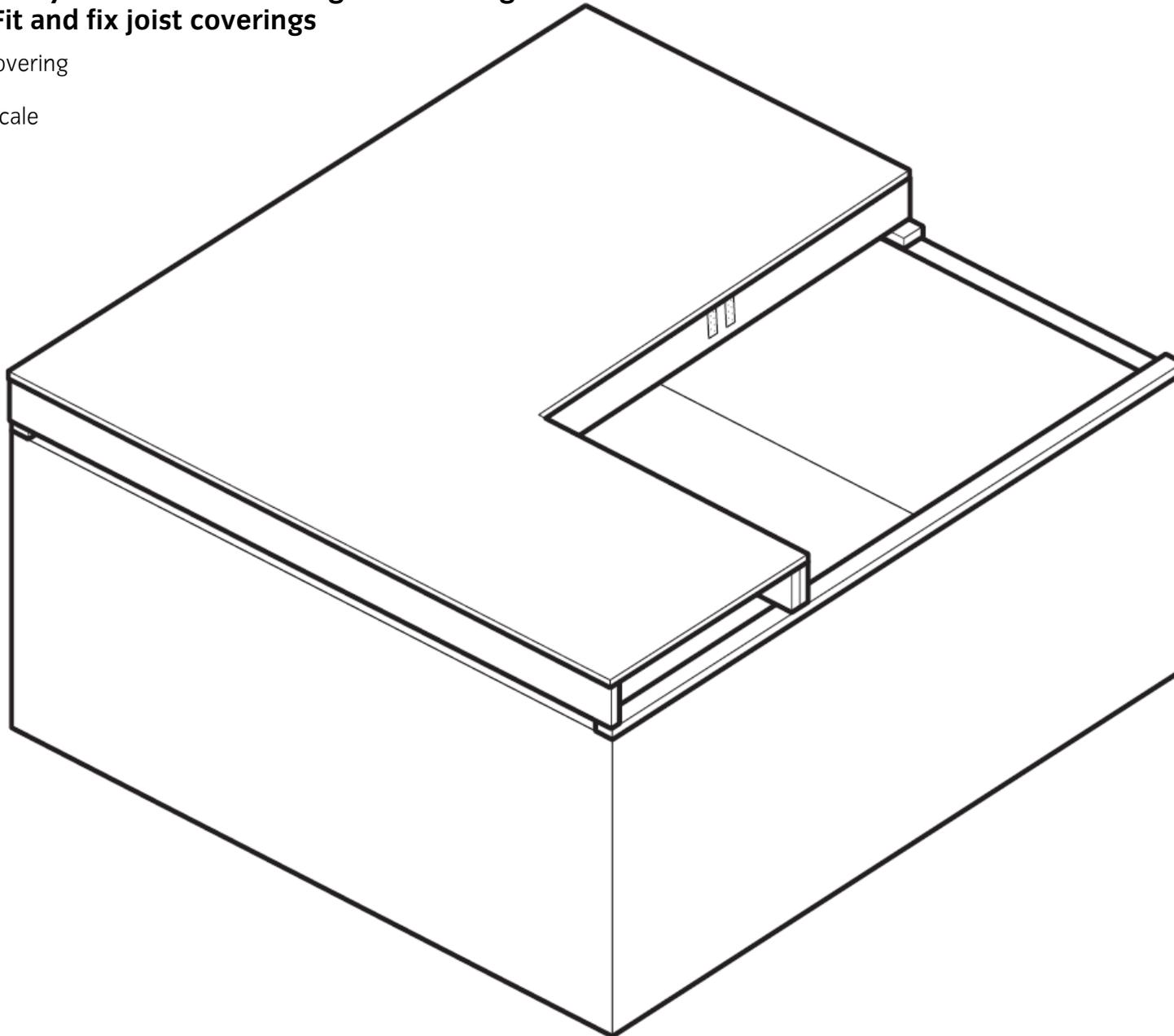
Drawings and diagrams

Unit 207 Carry out first fix flooring and roofing

Task 4 Fit and fix joist coverings

Figure 1: Floor covering

Diagram not to scale



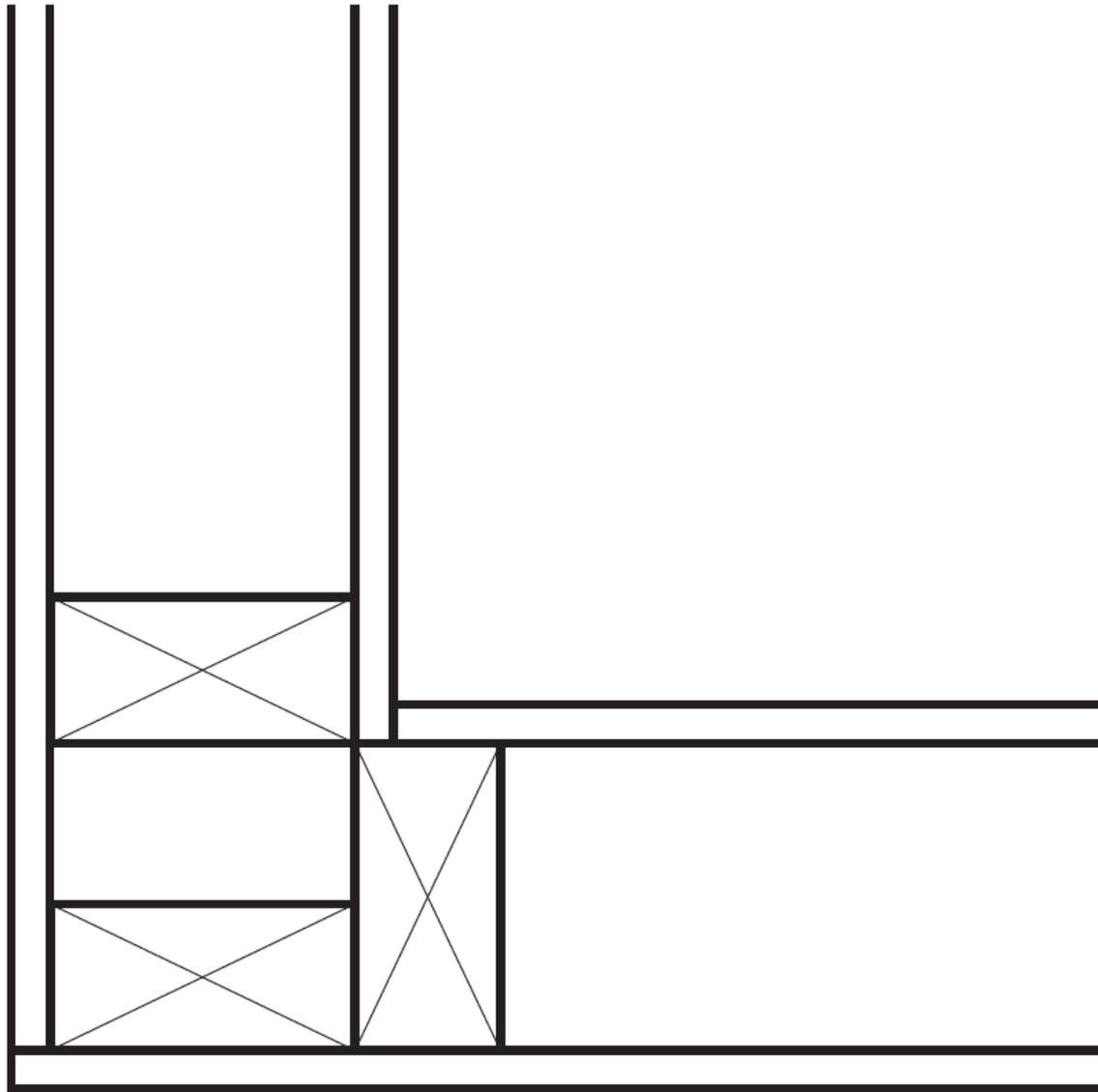
Drawings and diagrams

Unit 208 Carry out first fix frames, partitions and stairs

Task 1 Construct stud partitions

Figure 1: Stud partition

Diagram not to scale



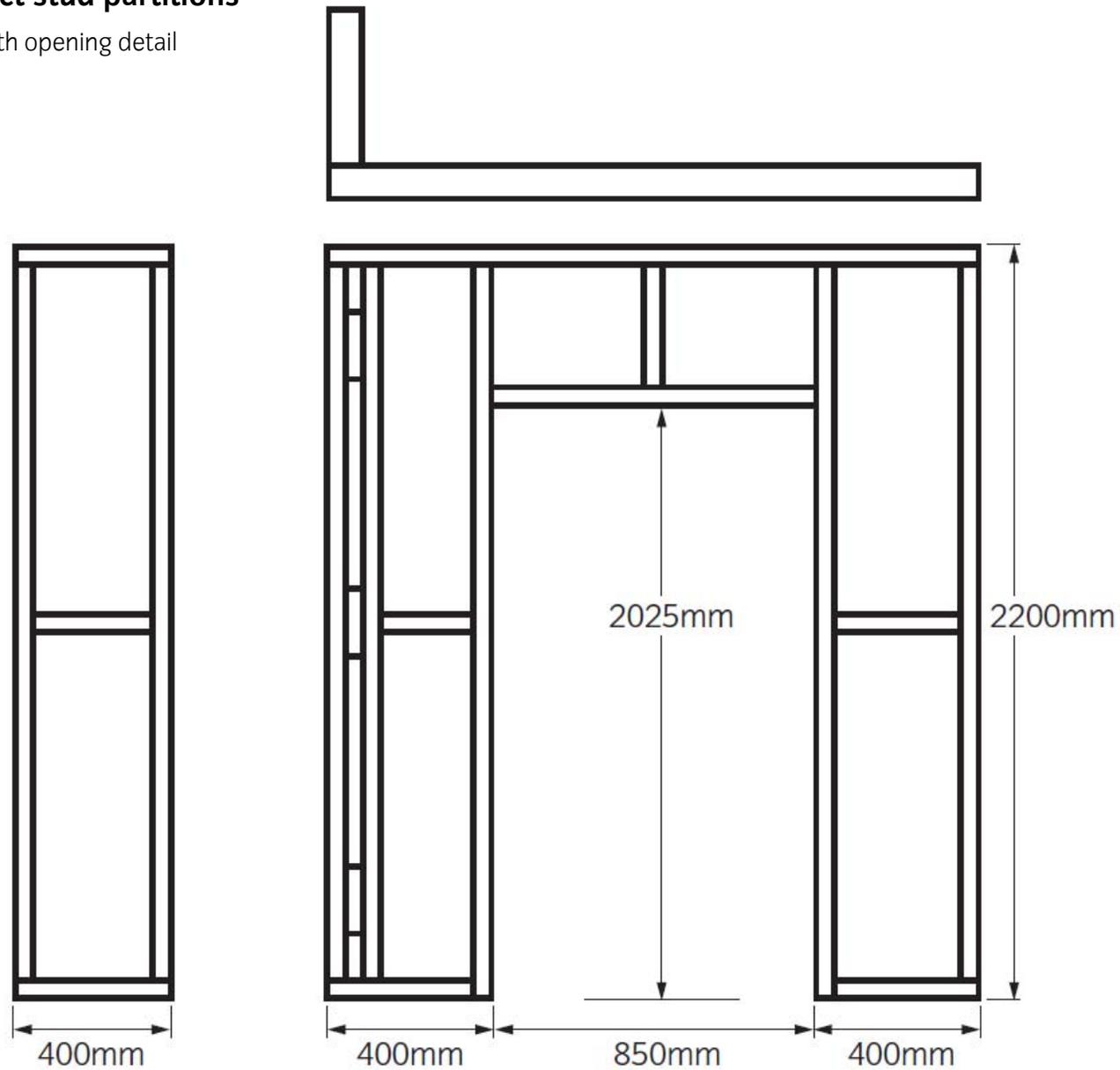
Drawings and diagrams

Unit 208 Carry out first fix frames, partitions and stairs

Task 1 Construct stud partitions

Figure 2: Stud partition with opening detail

Diagram not to scale



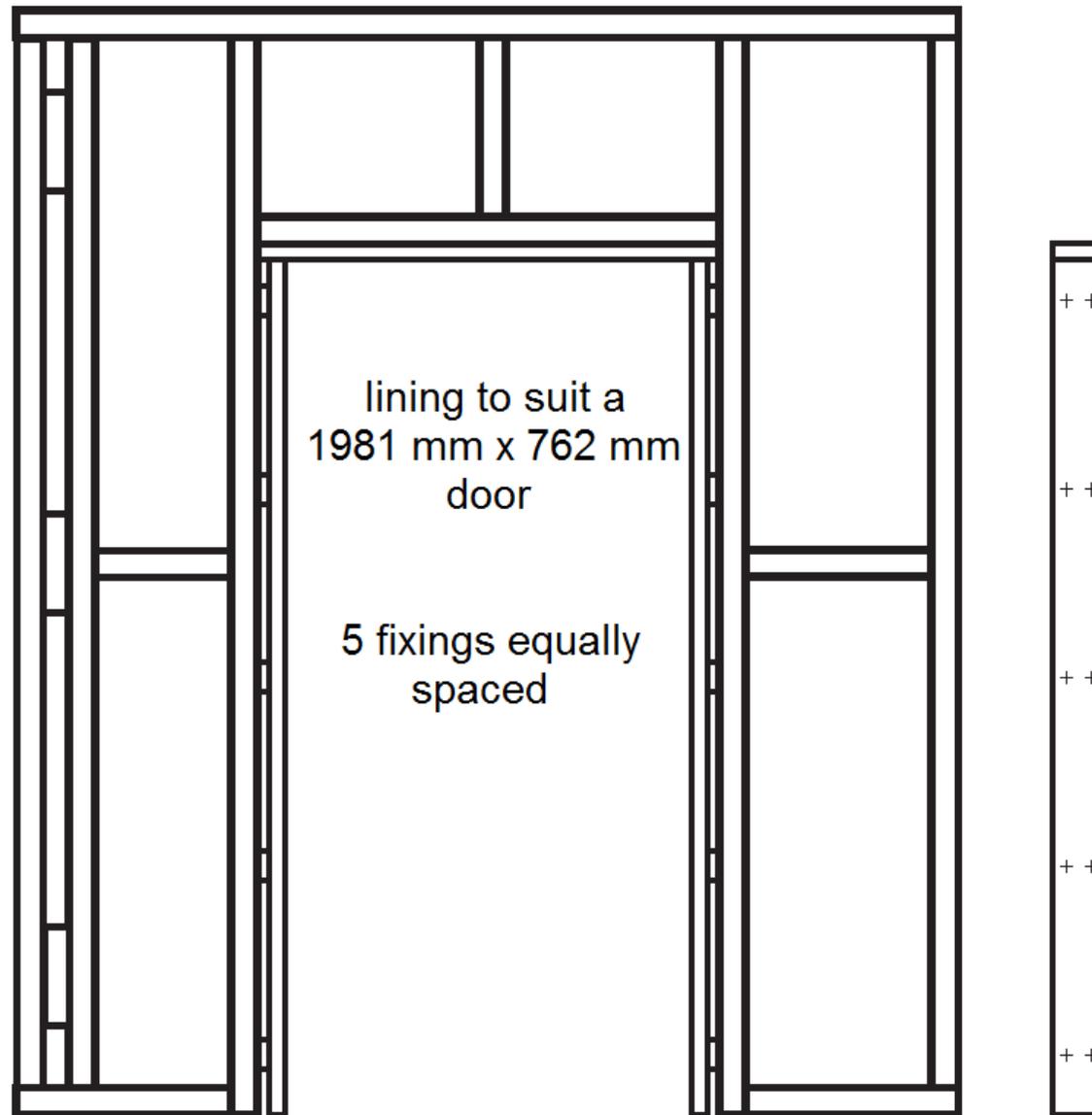
Drawings and diagrams

Unit 208 Carry out first fix frames, partitions and stairs

Task 2 Fix frames and linings

Figure 1: Door lining

Diagram not to scale



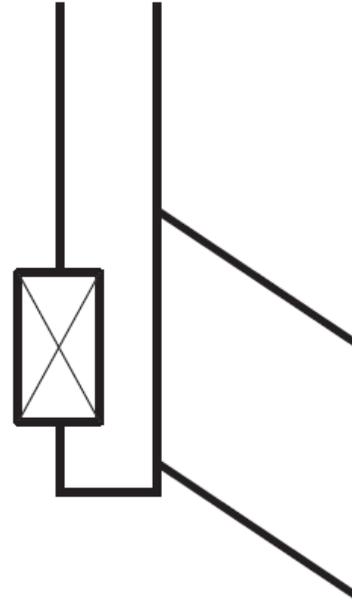
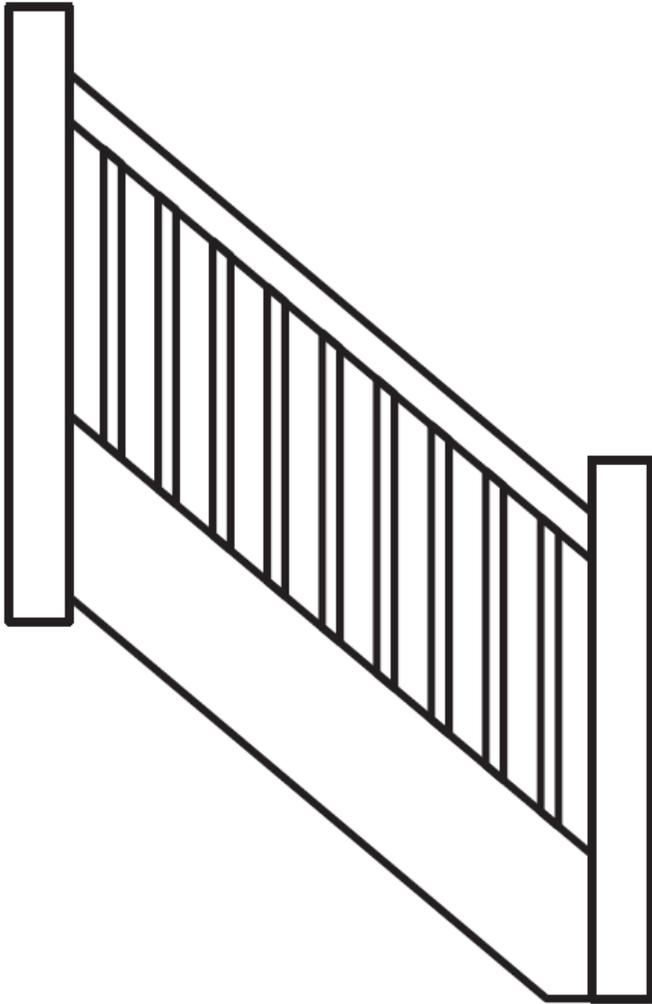
Drawings and diagrams

Unit 208 Carry out first fix frames, partitions and stairs

Task 3 Fix a straight flight of stairs

Figure 1: Half flight staircase

Diagram not to scale



Half flight (minimum 6 full sized treads) fitted to pre-existing trimmer.

Spindles equally spaced.

Maximum spindle spacing as per Building Regulations.

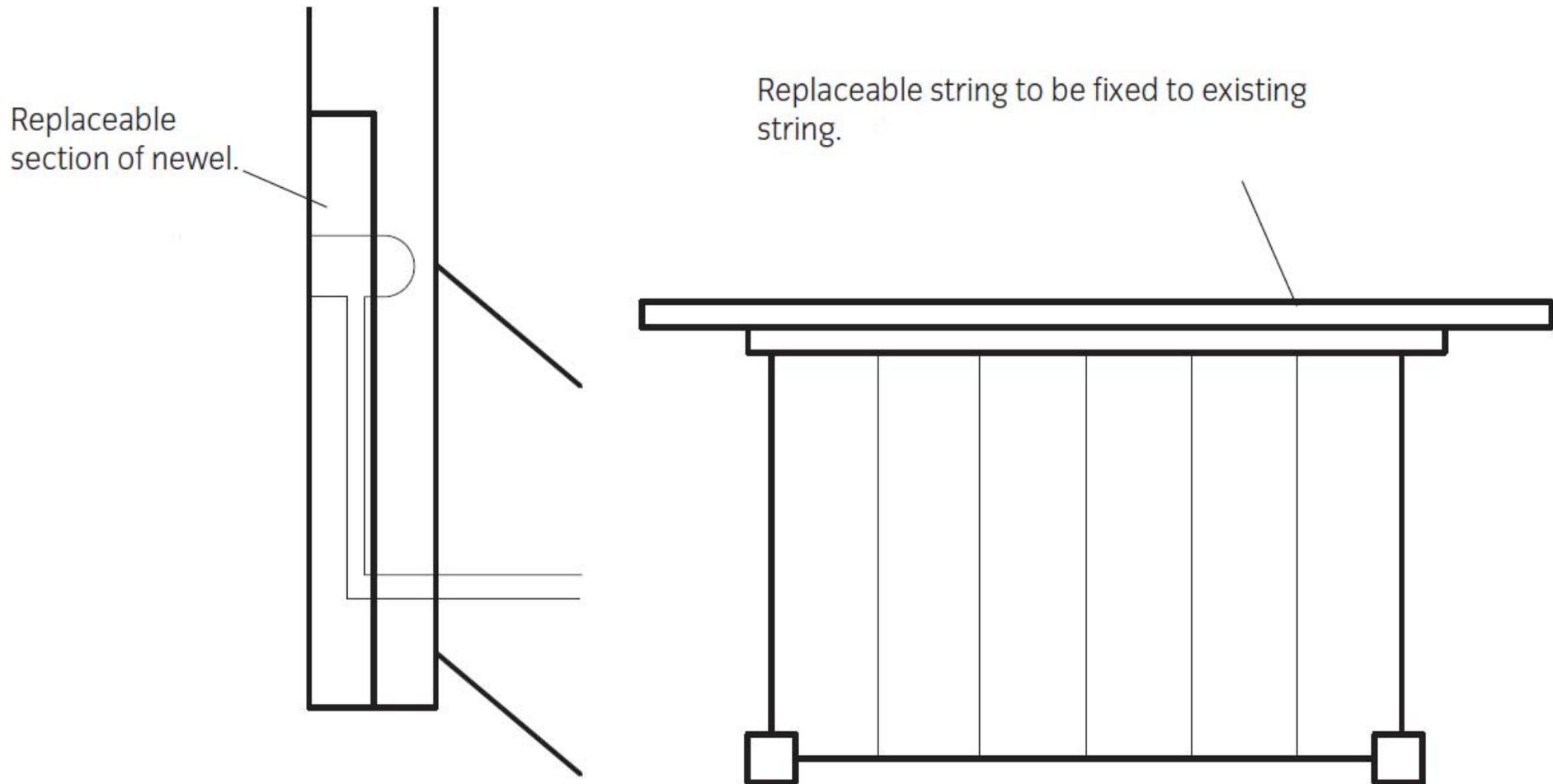
Drawings and diagrams

Unit 208 Carry out first fix frames, partitions and stairs

Task 3 Fix a straight flight of stairs

Figure 2: Newel and string detail

Diagram not to scale



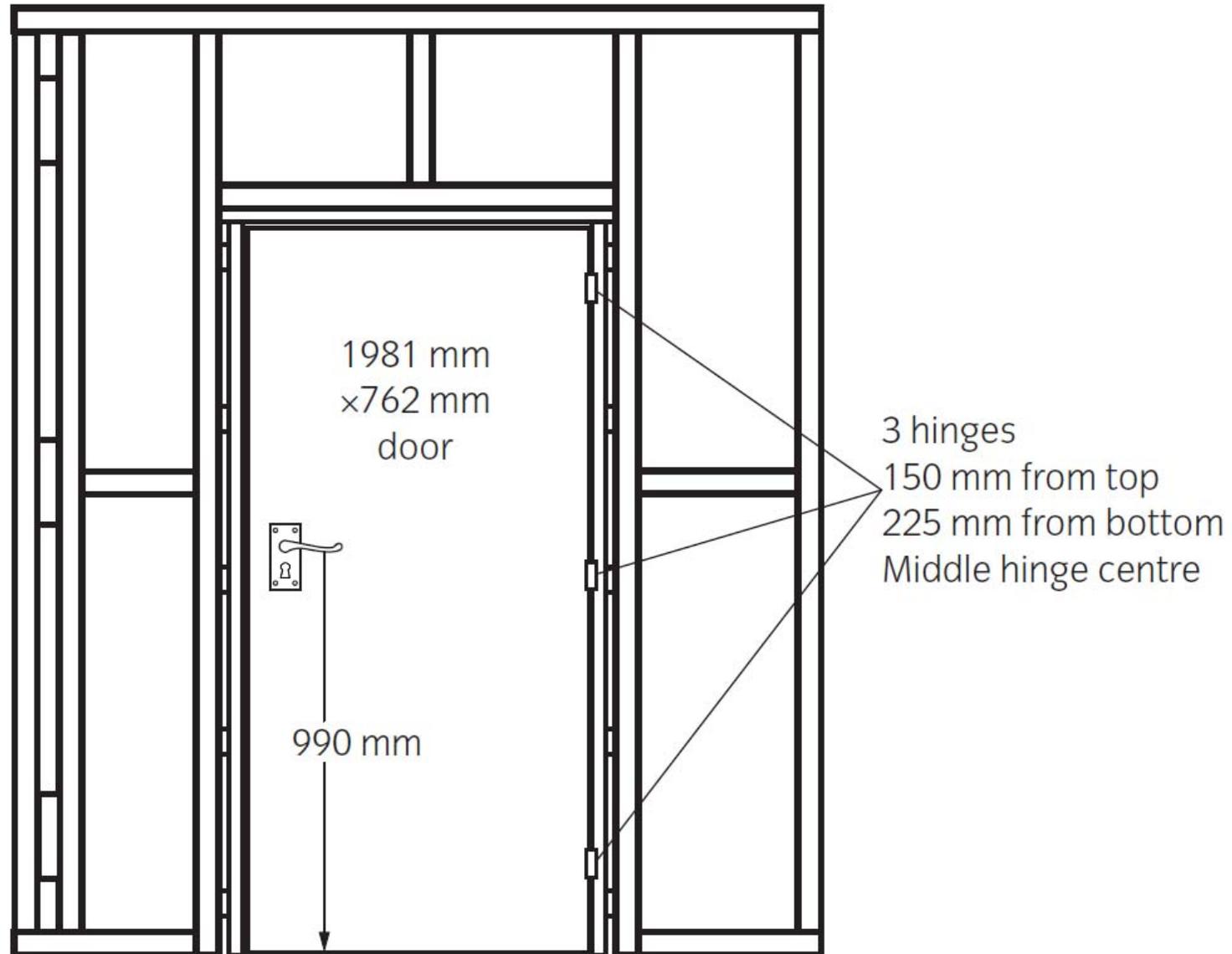
Drawings and diagrams

Unit 209 Carry out second fixing operations

Task 1 Install doors and ironmongery

Figure 1: Door with ironmongery detail

Diagram not to scale



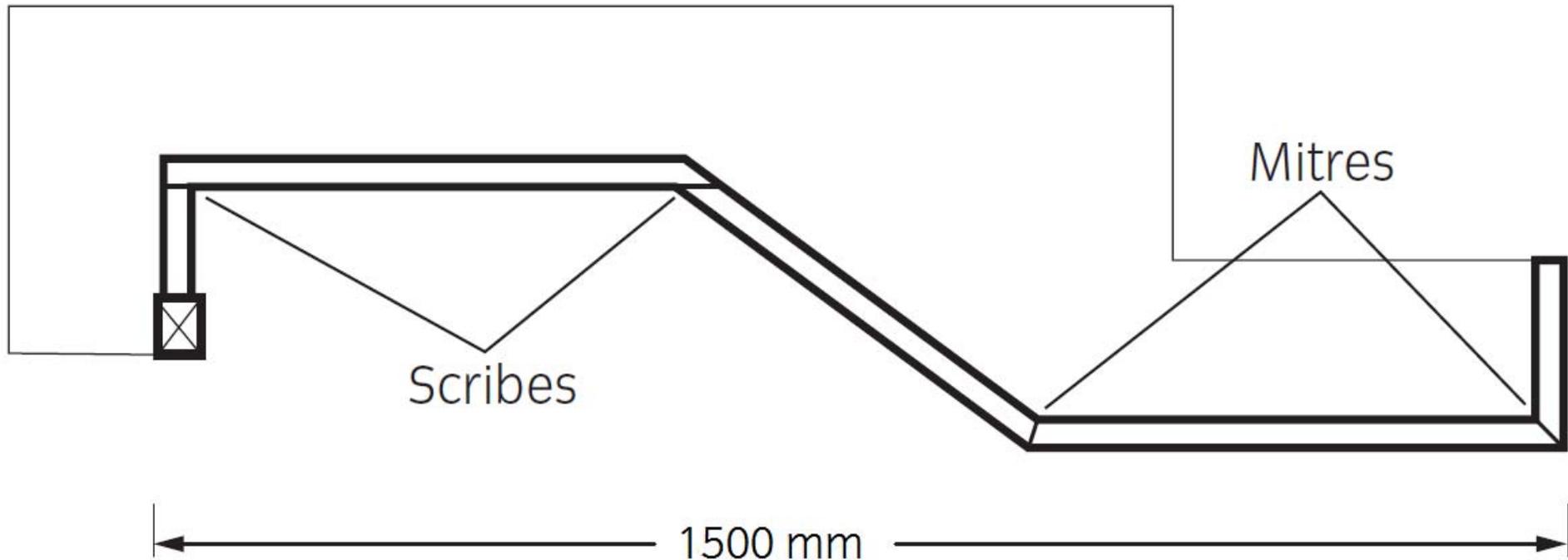
Drawings and diagrams

Unit 209 Carry out second fixing operations

Task 2 Fix mouldings

Figure 1: Skirting jig plan view

Diagram not to scale



Drawings and diagrams

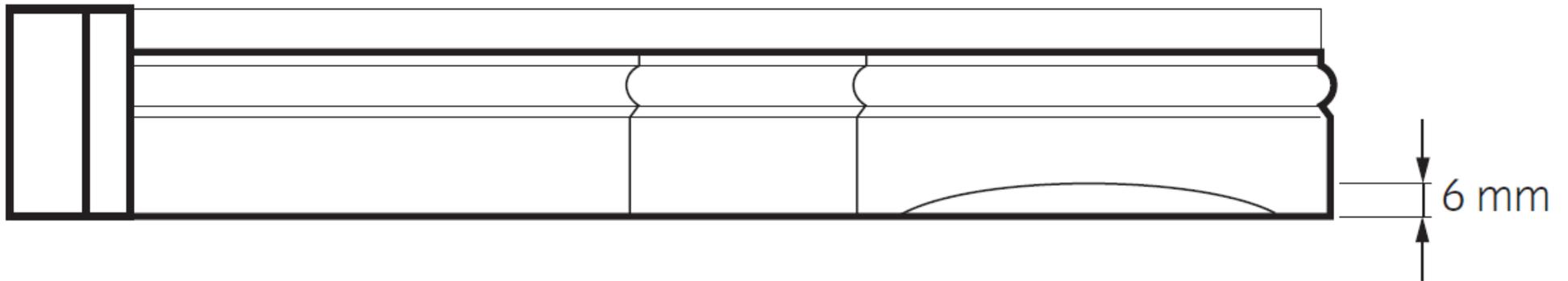
Unit 209 Carry out second fixing operations

Task 2 Fix mouldings

Figure 2: Skirting jig elevation view

Diagram not to scale

Skirting jig



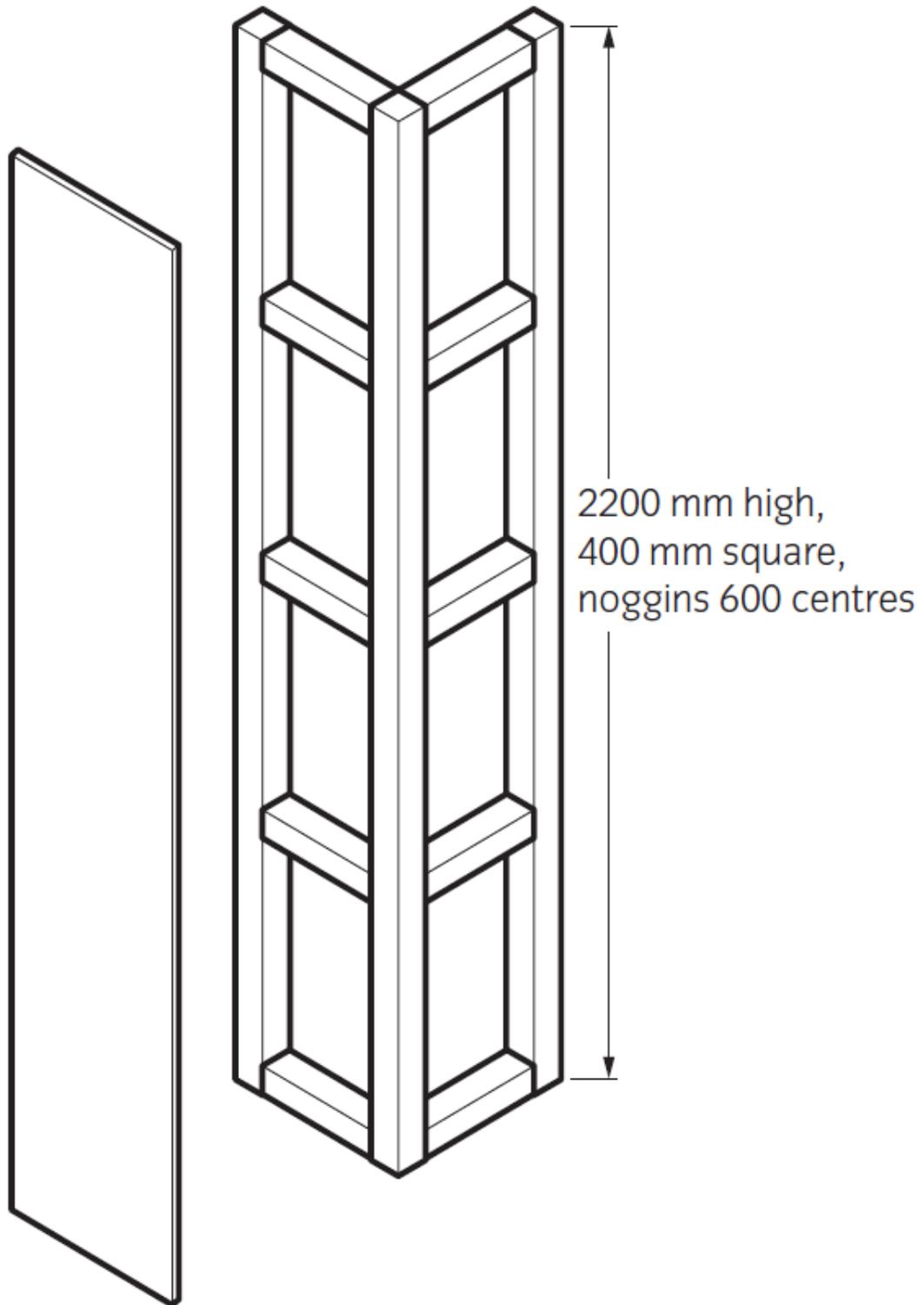
Drawings and diagrams

Unit 209 Carry out second fixing operations

Task 3 Fix service encasements and cladding

Figure 1: Pipe boxing with cladding

Diagram not to scale



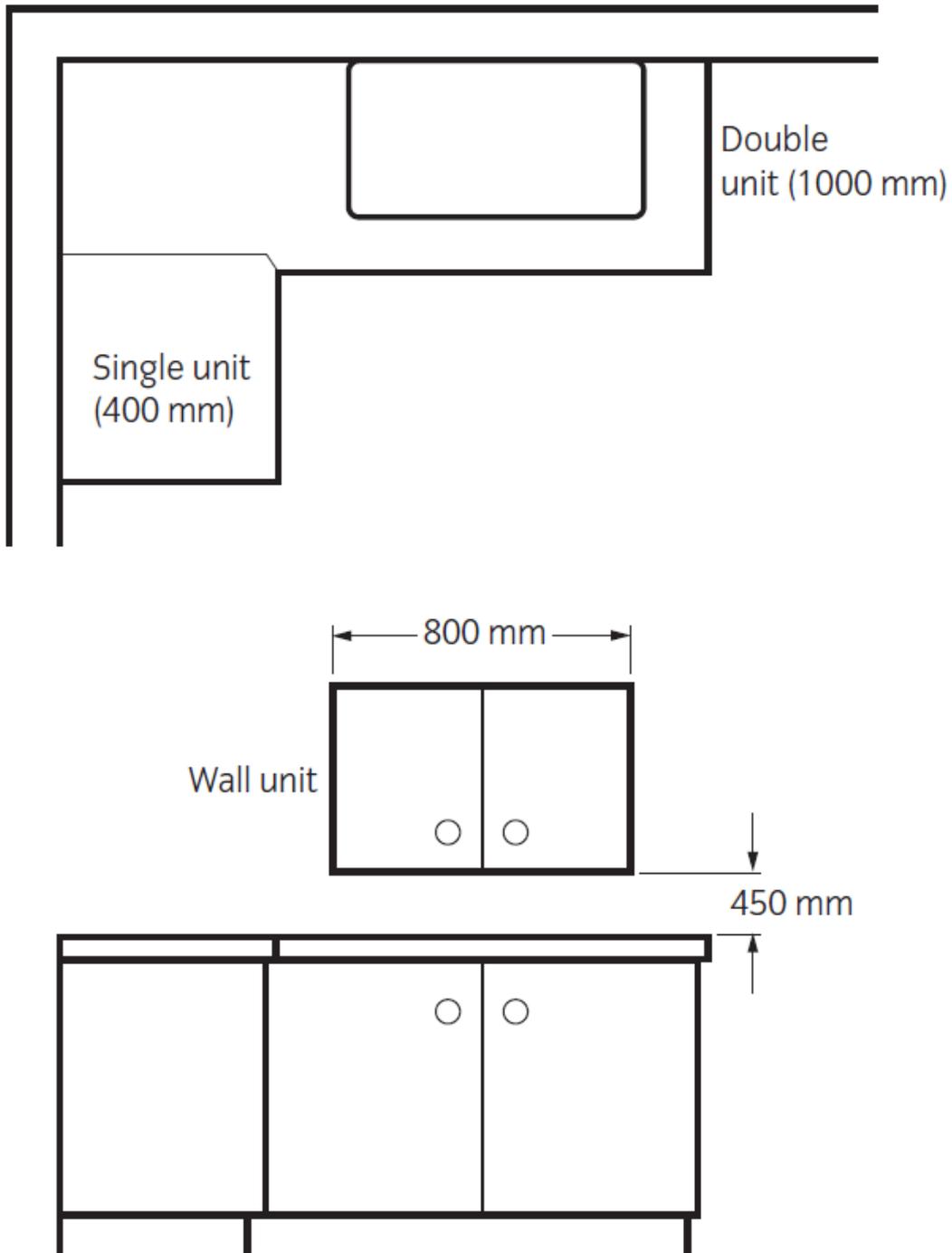
Drawings and diagrams

Unit 209 Carry out second fixing operations

Task 4 Install kitchen units, worktops and fitments

Figure 1: Kitchen units and worktop detail

Diagram not to scale



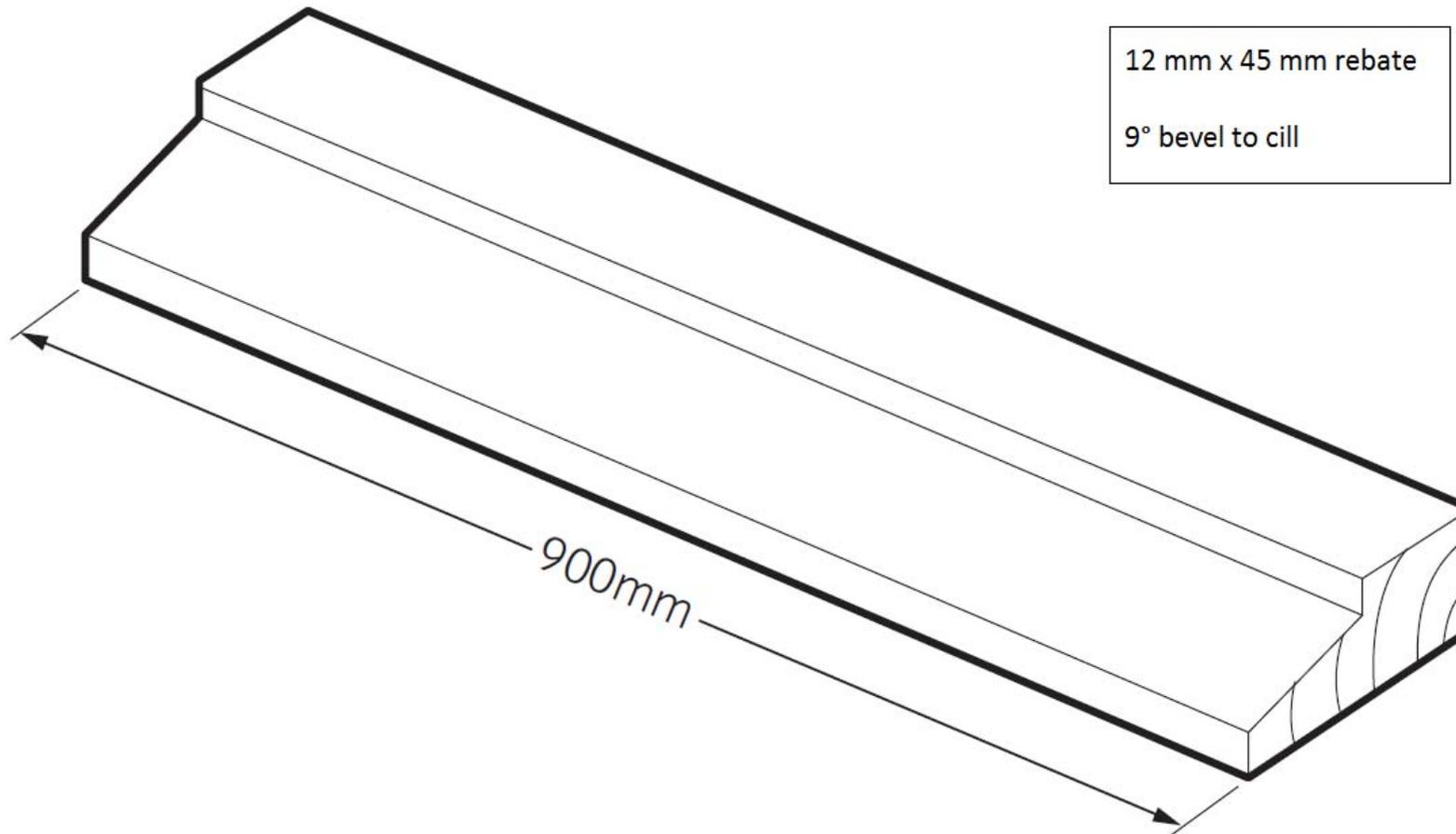
Drawings and diagrams

Unit 210 Carry out carpentry maintenance

Task 1 Repair mouldings, doors and window sills

Figure 1: Cill

Diagram not to scale



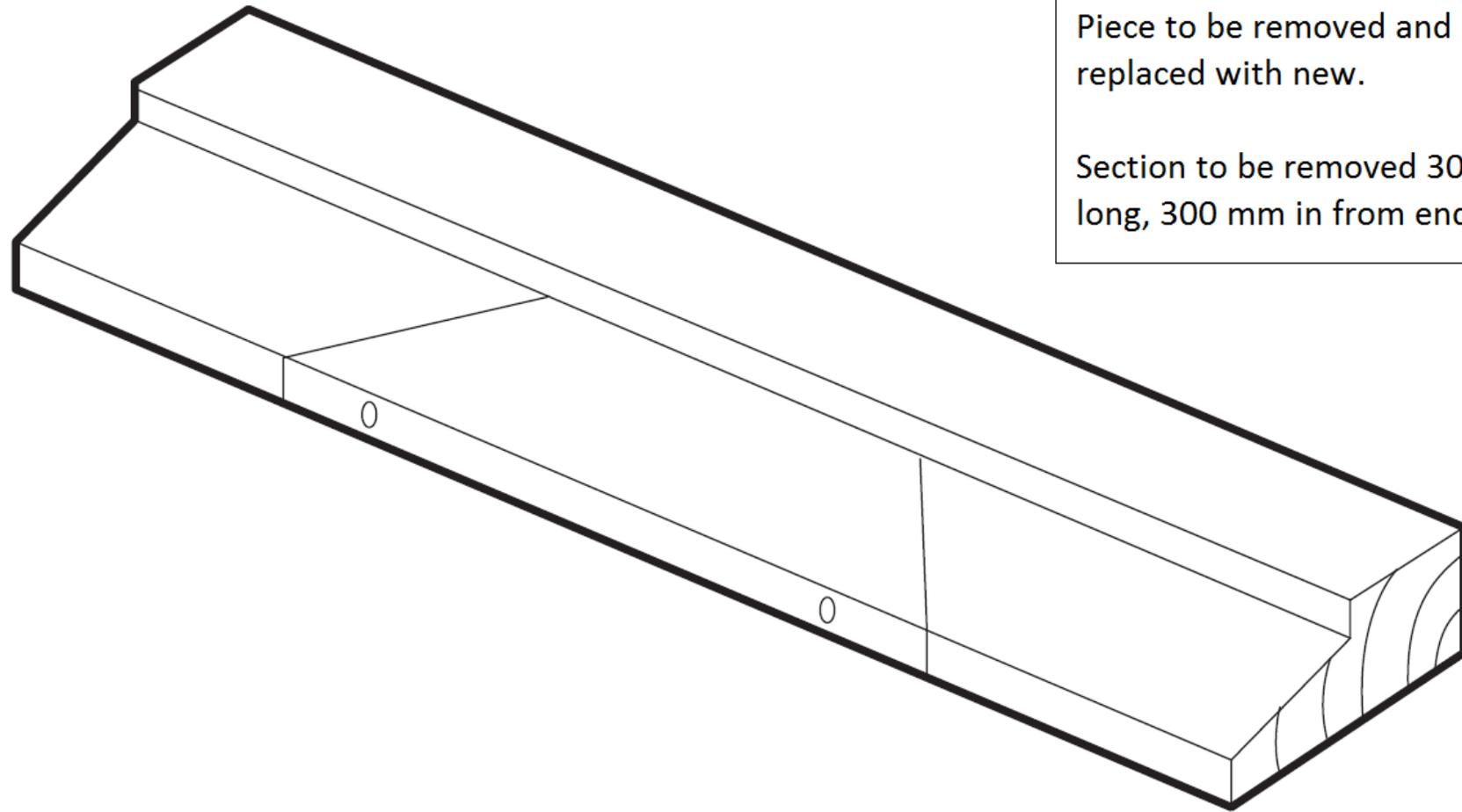
Drawings and diagrams

Unit 210 Carry out carpentry maintenance

Task 1 Repair mouldings, doors and window sills

Figure 2: Cill piece to be replaced

Diagram not to scale



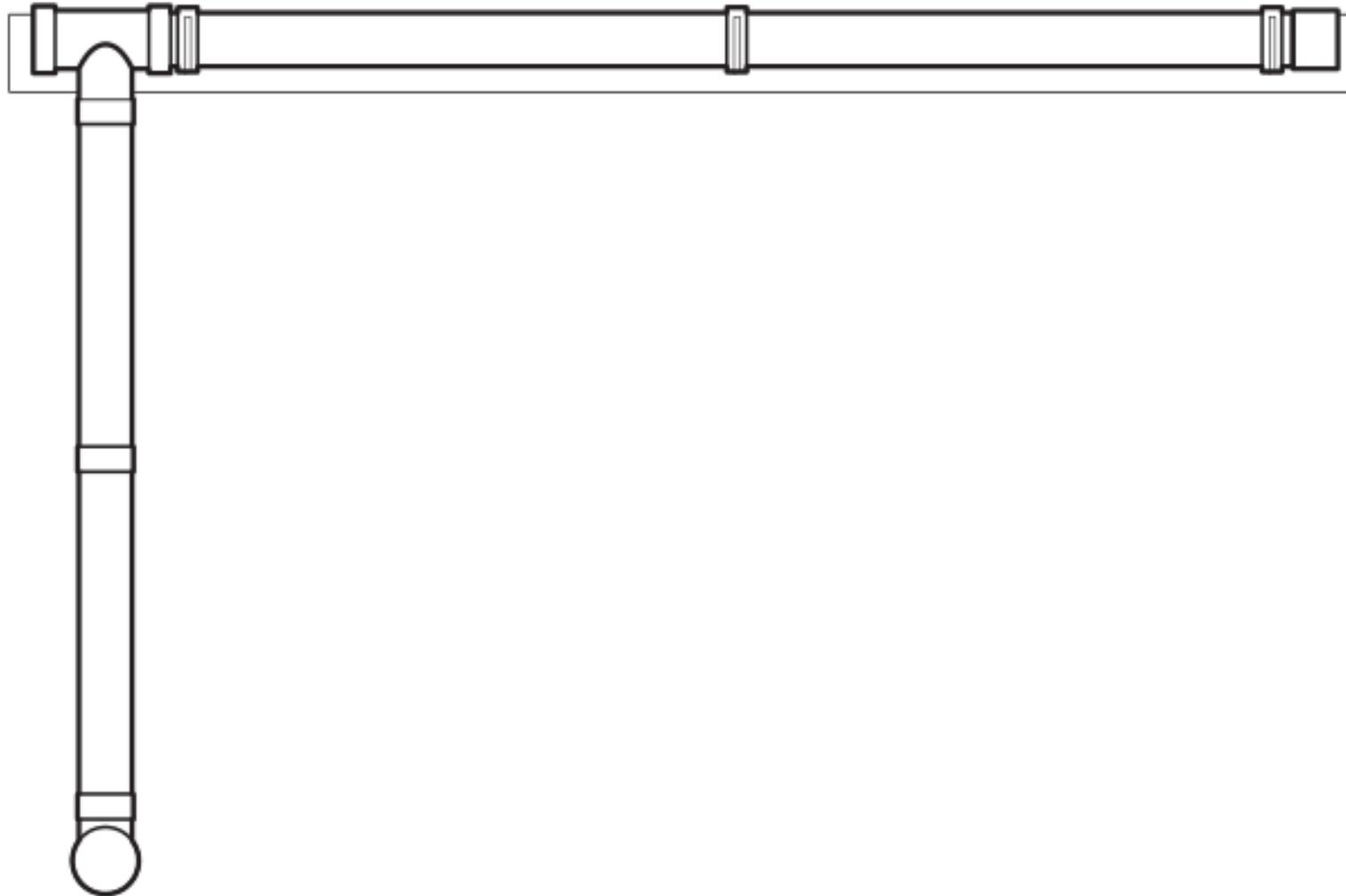
Drawings and diagrams

Unit 210 Carry out carpentry maintenance

Task 2 Replace gutters and downpipes

Figure 1: Gutter and downpipe on fascia

Diagram not to scale



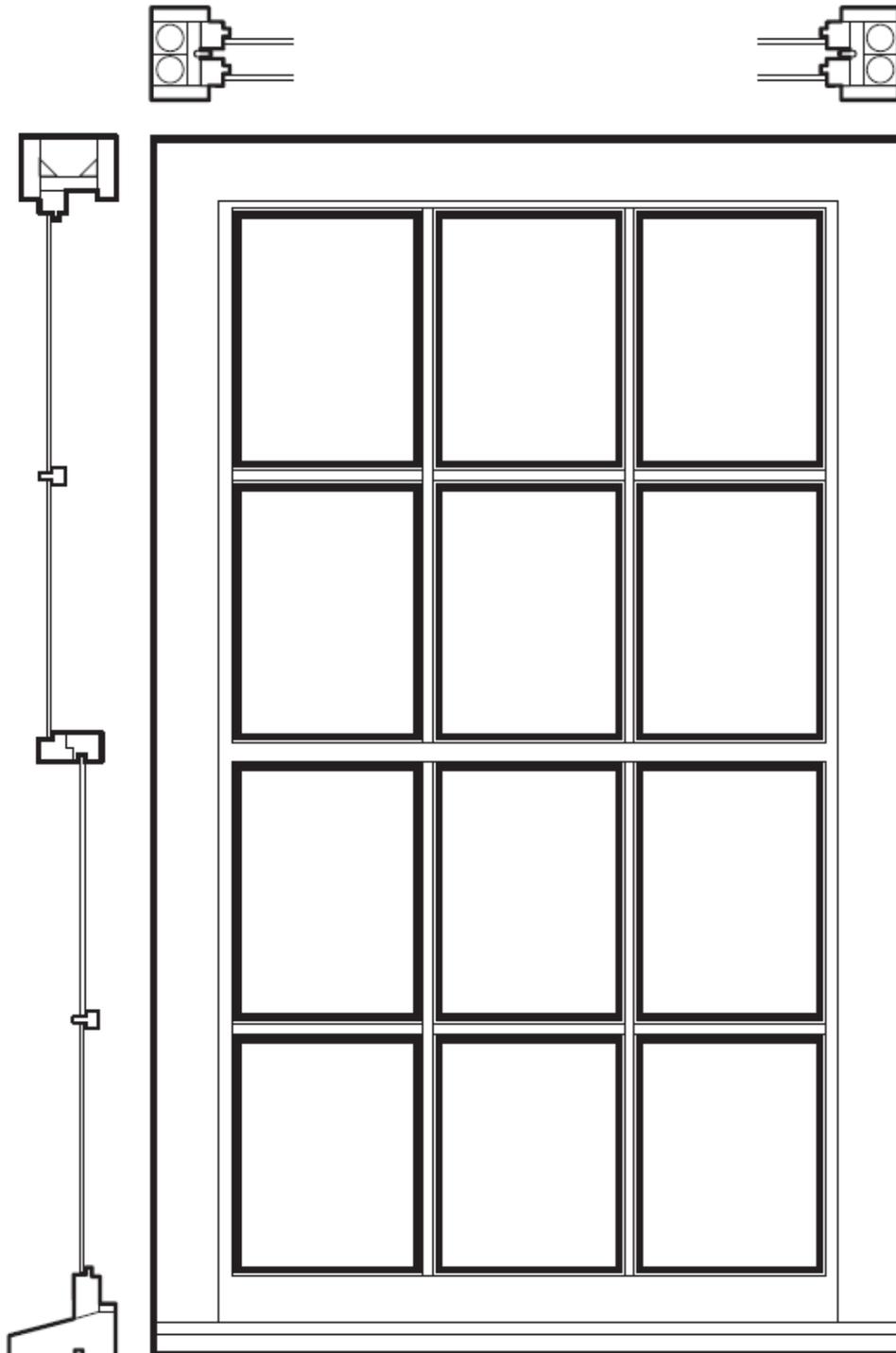
Drawings and diagrams

Unit 210 Carry out carpentry maintenance

Task 3 Replace sash cords

Figure 1: Sliding sash window

Diagram not to scale



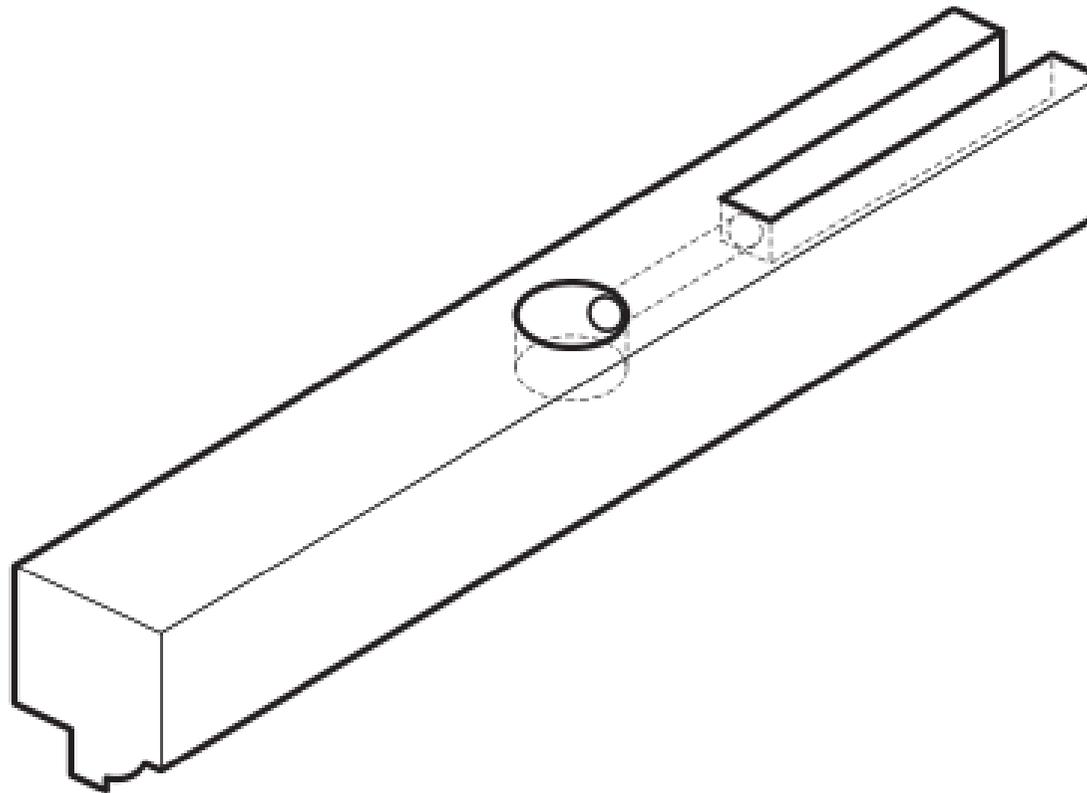
Drawings and diagrams

Unit 210 Carry out carpentry maintenance

Task 3 Replace sash cords

Figure 2: Sash cord detail

Diagram not to scale



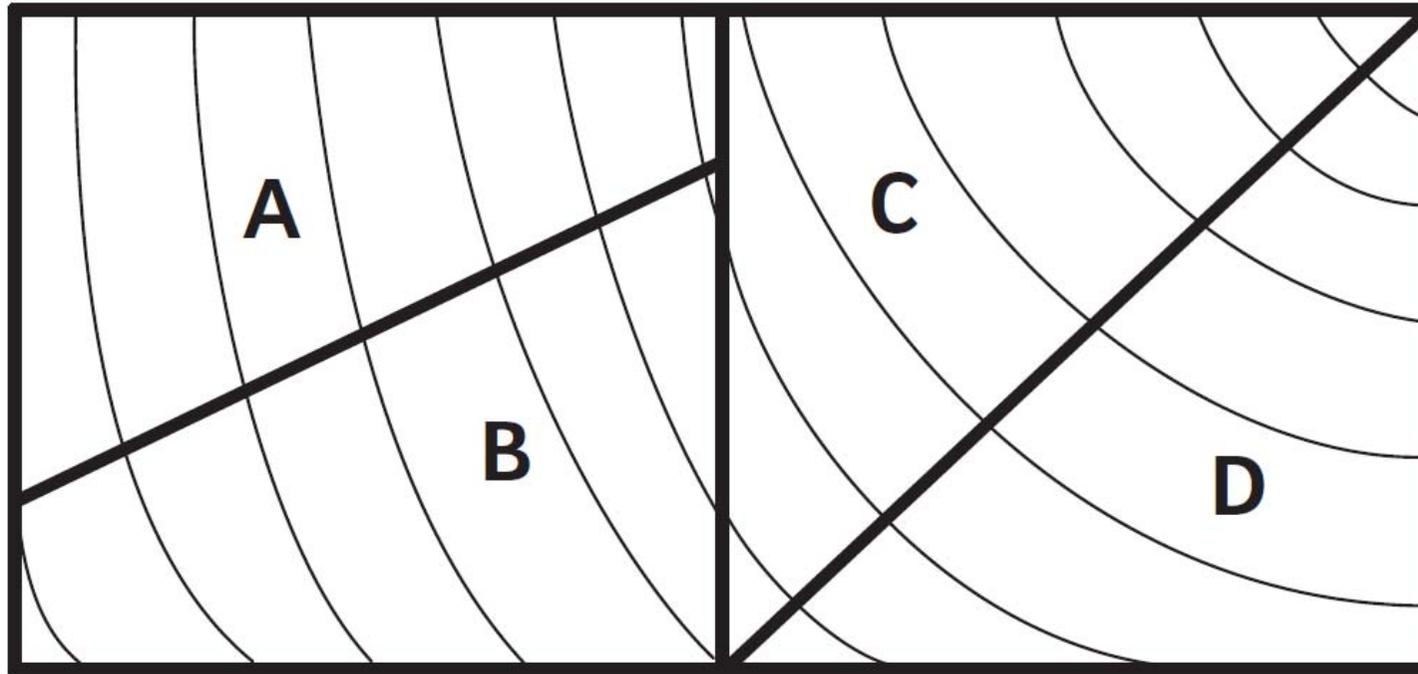
Drawings and diagrams

Unit 211 Set up and operate a circular saw

Task 1 Change circular saw blades and cut timber and manufactured boards

Figure 1 Rip cuts

Diagram not to scale



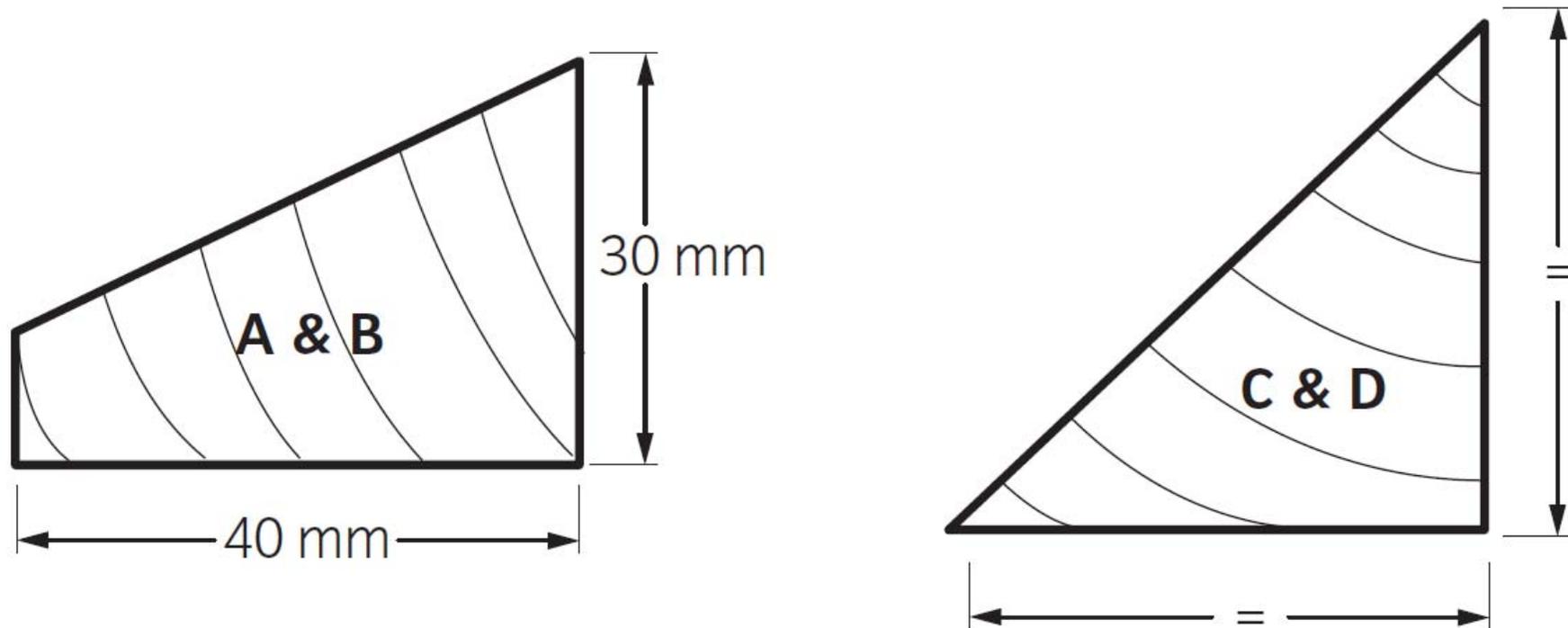
Drawings and diagrams

Unit 211 Set up and operate a circular saw

Task 1 Change circular saw blades and cut timber and manufactured boards

Figure 2 Rip cuts measurement detail

Diagram not to scale



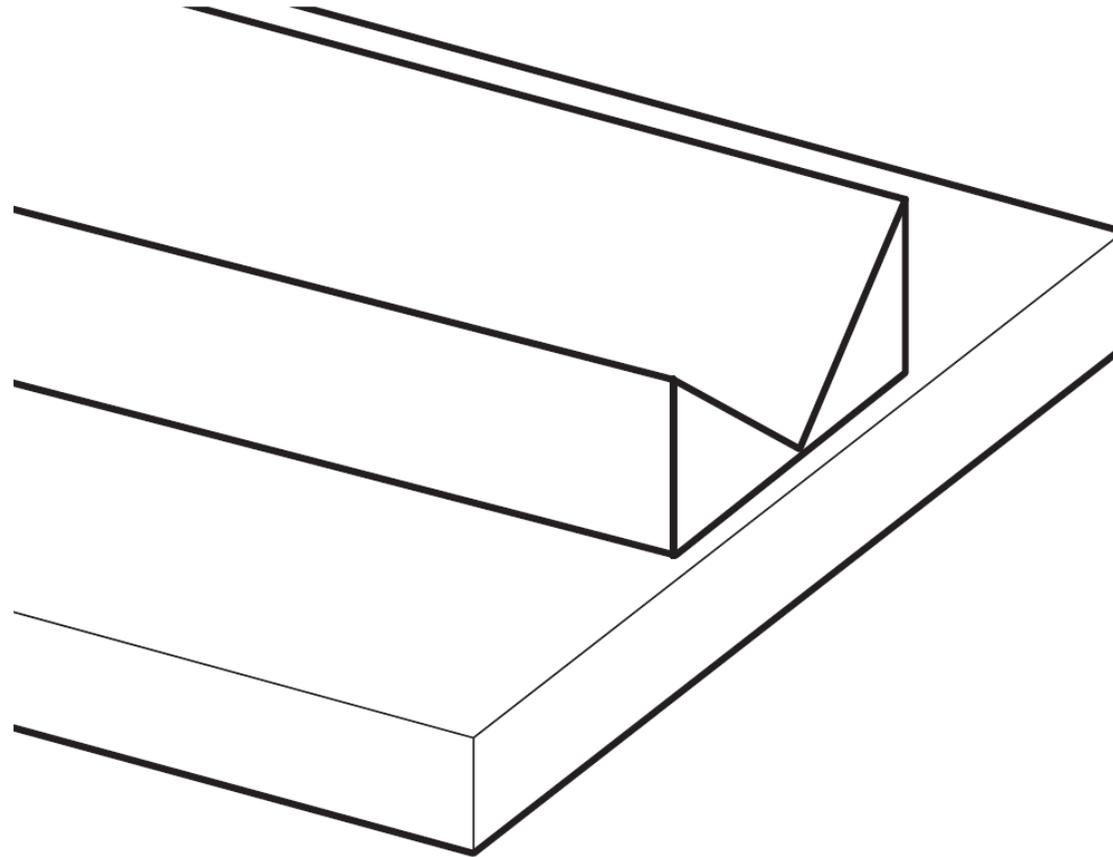
Drawings and diagrams

Unit 211 Set up and operate a circular saw

Task 1 Change circular saw blades and cut timber and manufactured boards

Figure 3 45° rip cut saddle

Diagram not to scale



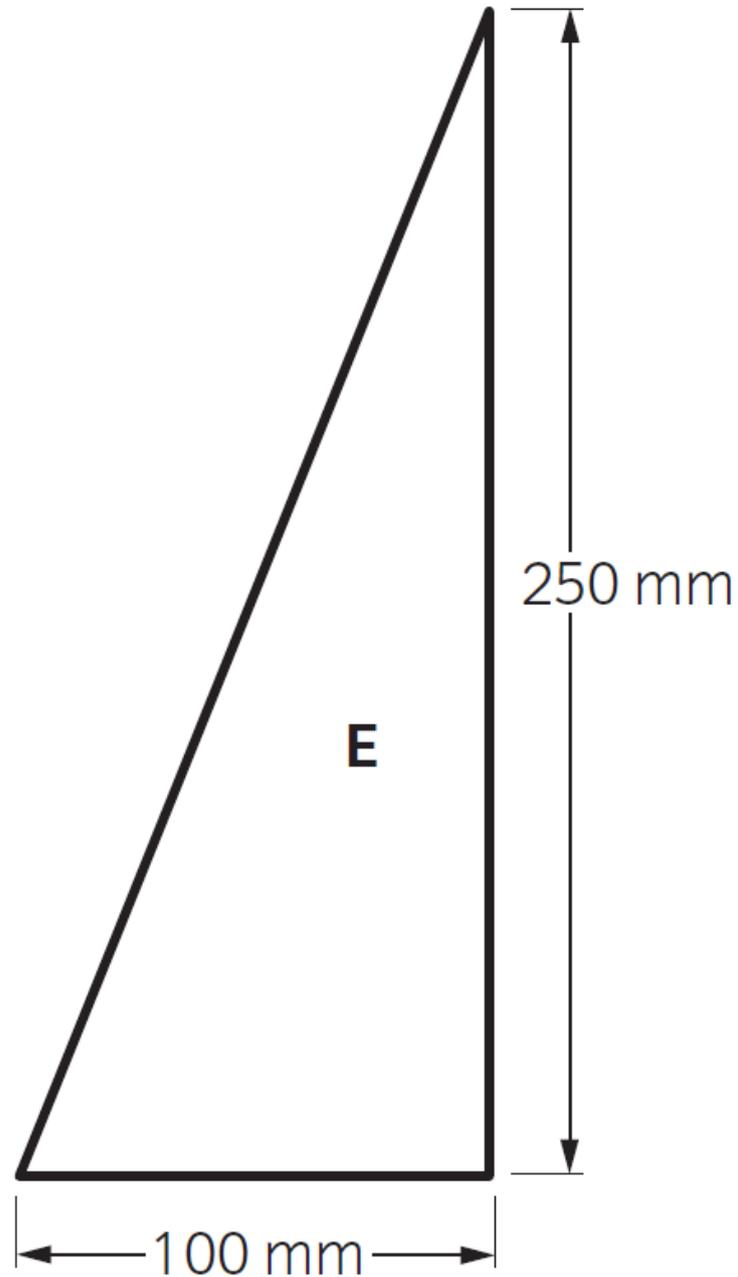
Drawings and diagrams

Unit 211 Set up and operate a circular saw

Task 1 Change circular saw blades and cut timber and manufactured boards

Figure 4 Tapered cut

Diagram not to scale



Published by City & Guilds
1 Giltspur Street
London
EC1A 9DD
T +44 (0)844 543 0000
F +44 (0)20 7294 2413
www.cityandguilds.com

**City & Guilds is a registered charity
established to promote education
and training**

About City & Guilds

As the UK's leading vocational education organisation, City & Guilds is leading the talent revolution by inspiring people to unlock their potential and develop their skills. We offer over 500 qualifications across 28 industries through 8500 centres worldwide and award around two million certificates every year. City & Guilds is recognised and respected by employers across the world as a sign of quality and exceptional training.

City & Guilds Group

The City & Guilds Group operates from three major hubs: London (servicing Europe, the Caribbean and Americas), Johannesburg (servicing Africa), and Singapore (servicing Asia, Australia and New Zealand). The Group also includes the Institute of Leadership & Management (management and leadership qualifications), City & Guilds Land Based Services (land-based qualifications), the Centre for Skills Development (CSD works to improve the policy and practice of vocational education and training worldwide) and Learning Assistant (an online e-portfolio).

Copyright

The content of this document is, unless otherwise indicated, © The City and Guilds of London Institute and may not be copied, reproduced or distributed without prior written consent. However, approved City & Guilds centres and candidates studying for City & Guilds qualifications may photocopy this document free of charge and/or include a PDF version of it on centre intranets on the following conditions:

- centre staff may copy the material only for the purpose of teaching candidates working towards a City & Guilds qualification, or for internal administration purposes
- candidates may copy the material only for their own use when working towards a City & Guilds qualification

The *Standard Copying Conditions* (see the City & Guilds website) also apply.

Published by City & Guilds, a registered charity established to promote education and training

Every effort has been made to ensure that the information contained in this publication is true and correct at the time of going to press. However, City & Guilds' products and services are subject to continuous development and improvement and the right is reserved to change products and services from time to time. City & Guilds cannot accept liability for loss or damage arising from the use of information in this publication.