

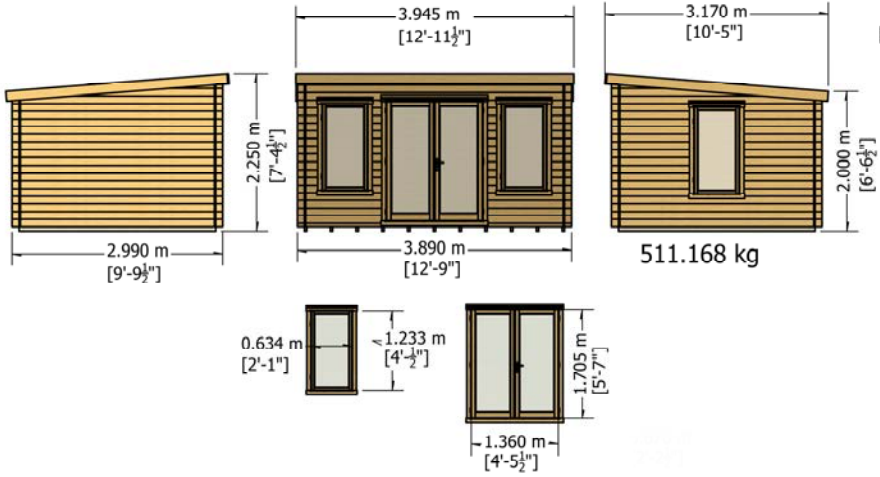
JOINERY KITS  
E-DD2-19  
E-W6P-19 x 3



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# © EMNETH

## 2990x3890 9'9x12'9" 19mm



Version 01 Julian Shepherd 18/07/2023

**These instructions are for your safety. Please read through them thoroughly before use.  
PLEASE KEEP THIS LEAFLET FOR FUTURE REFERENCE**

# Let's get started...

## Important information...



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## In more detail...



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Shire Garden Buildings



logcabinsupport@shiregb.co.uk



Brigstock Road Wisbech Cambridgeshire PE13 3JJ  
Tel 01406 359 052 option2

## Safety

### Check that you have noted all the following instructions:



- We advise the use of non slip protective gloves throughout the assembly process.
- We advise the use of steel capped protective footwear throughout the assembly process.
- We advise that you use a helper to hold the glass in position whilst you nail the beading in place.
- We advise the use of protective headwear and safety goggles throughout the assembly process.
- Where a ladder is in use another person must hold the ladder.
- Do not attempt to work in windy conditions.
- We advise the use of a scaffold tower when fitting the roof for felting or if you cannot reach from the ground.
- Do not allow children near the tools and work area.
- Follow any safety precautions quoted by the manufacturer for any equipment you use.
- Check all parts before assembly.
- Only use child and animal safe wood preservative.
- Do not use creosote.
- Allow the wood preservative to fully dry before use.
- Regularly check the building for wear and tear.



## Important!



**EVERY PRECAUTION IS TAKEN TO ENSURE THAT YOUR BUILDING HAS NO ELEMENT INCORRECTLY PLACED OR POSSIBLY HAZARDOUS, HOWEVER PRIOR TO USE PLEASE CHECK ALL SURFACES FOR THE FOLLOWING:**

- (1) RAISED GRAIN, SPLINTERS: Sand down timber to smooth finish
- (2) NAIL/SCREW/PIN HEADS PROUD: Tap home to be flush with surface of timber.
- (3) DAMAGED SCREW HEADS RESULTING IN SHARP SPLINTERS OF METAL: Replace.
- (4) SHARP ENDS OF NAILS/ SCREWS/ PINS PROTRUDING THROUGH THE PANEL: Remove and Reposition.
- (5) ENSURE ALL PARTS ARE SECURED AGAINST REASONABLE FORCE: Remove and refit.
- (6) ENSURE THERE ARE NO LOOSE PARTS: Remove and Refit/Discard.



**IMPORTANT !** For your safety please read carefully the safety warnings

## Warranty...

### **10 Year anti-rot warranty subject to the following:**

- The building must be raised so it is not in contact with any water retaining base surface (for example grass).
- This can be achieved using a concrete base.
- When using a concrete base use damp proofing strips under the bearers.
- The building must have been completely treated and sealed .
- The building must have been re-treated and re-sealed annually.

**NOTE:** Wood is a natural product, and therefore the following are excluded from the warranty:

- Colour change.
- Warping.
- Splitting.

### **The following are also excluded:**

- Damage resulting from poor assembly.
- Poor treatment application.
- Poor care and maintenance.
- Changes to the design.
- Misuse.
- General wear and tear.

## Care, Maintenance and Recycling

### The 6 golden rules of care:

- (1) Ensure your base is level and firm.
- (2) Ensure the building is not sitting directly on the ground using damp proof membrane.
- (3) The bottom faces of the first row of logs must be treated before assembly. The rest of the logs must be treated after assembly but before the joinery is fitted. (The logs will swell and will not fit together if treated first).
- (4) Ensure every other piece of timber and surface, especially that is hidden upon assembly, is treated with a top quality wood preservative at least twice (before assembly).
- (5) You must seal vertically at all corner joints with a silicone based sealant.
- (6) Regularly check your roofing felt for weather damage and leaks.

### The 6 golden rules of maintenance:

- (1) Visually check for weather damage.
- (2) Check and replace if necessary any silicone sealant if used on your building.
- (3) Check the roofing material for wear.
- (4) The doors and windows may require periodical adjustment and ensure the frames move freely against the logs.
- (5) Ensure your building is well ventilated especially during hot weather.
- (6) During extremely hot periods, humidify your building to prevent the timber from drying out.

### Recycling and disposal:



packaging

1. Pallet and timber widely recycled.
2. Cardboard widely recycled.
3. Plastic strapping subject to local regulations.
4. Plastic sheeting subject to local regulations.

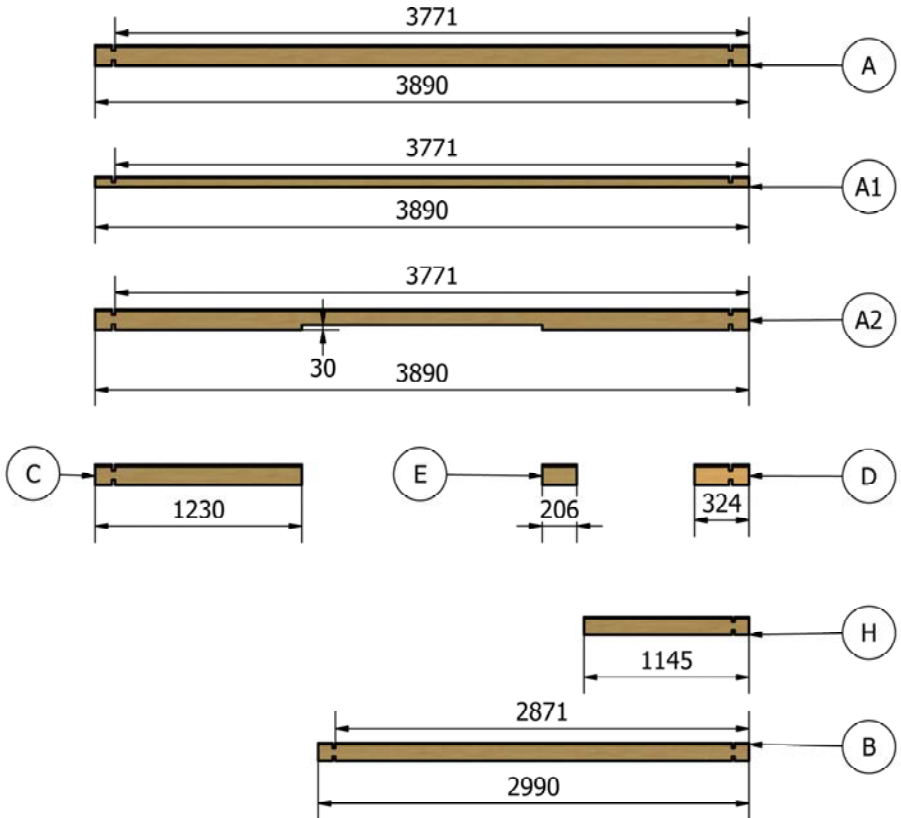


Building

1. Timber widely recycled.
2. Metal fixings widely recycled.
3. Glass widely recycled.
4. **Roofing felt not currently recycled.**

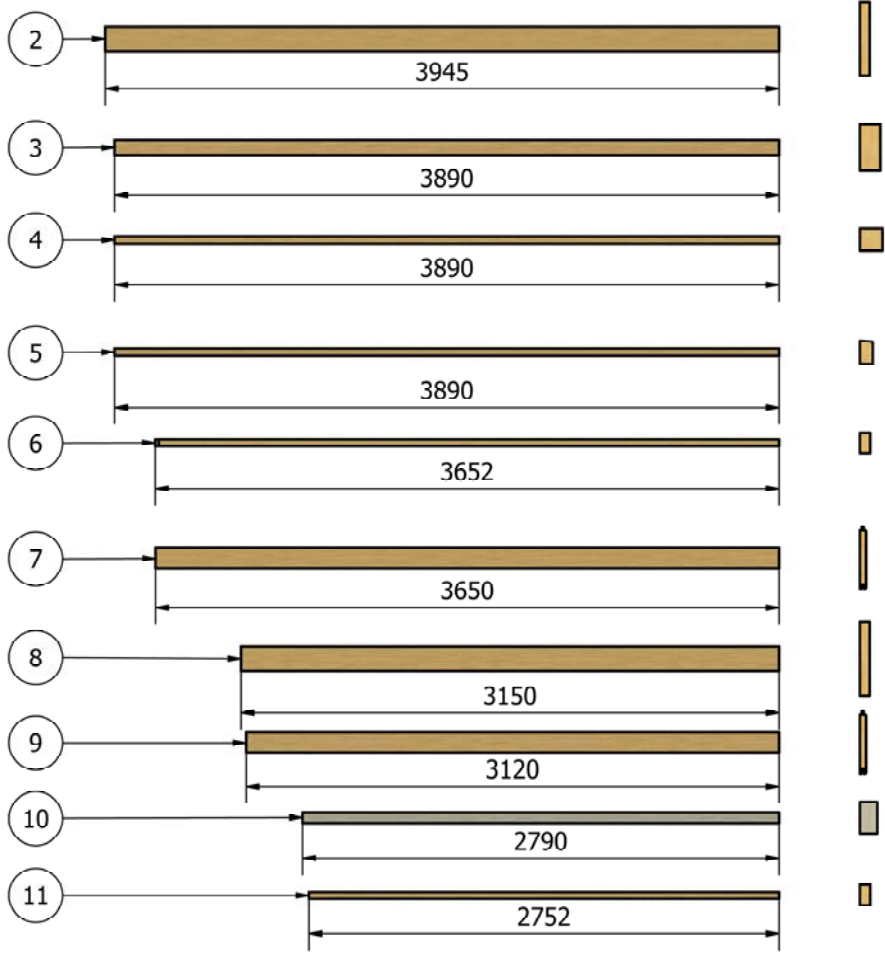
# Log List

MATERIAL LIST				
Pt. No.	TITLE	DESCRIPTION	LENGTH	QTY
	GABLE		1 mm	2
_A	A	LOG	3890 mm	19
_A1	A1	LOG	3890 mm	2
_A2	A2	LOG	3890 mm	1
_B	B	LOG	2990 mm	22
_C	C	LOG	1230 mm	8
_D	D	LOG	324 mm	24
_E	E	LOG	206 mm	24
_H	H	LOG	1145 mm	24

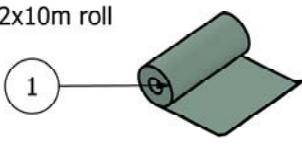


Drawn Date	Drawn By	Title	Project	Drawing no	Rev
18/04/2023	Julian Shepherd	Emneth 2990g x 3890 9'9" x 12'9"	Pent 19mm Log LIST	EMNETH 10X13	

# Timber List



FELT SUPPLIED  
2x10m roll



MATERIAL LIST				
ITEM	TITLE	DESCRIPTION	LENGTH	QTY
1	4.3m felt assy		4300 mm	4
2	143X19	FASCIA FRONT	3945 mm	1
3	40x90	ROOF BEARER	3890 mm	4
4	44x44	ROOF EDGE	3890 mm	2
5	45x25 ANGLED EAVES	ANGLED EAVES	3890 mm	2
6	40x20	SKIRTING	3652 mm	1
7	114x12 MATCHING	FLOOR BOARD	3650 mm	25
8	143X19	FASCIA-side	3150 mm	2
9	114x12 MATCHING	ROOF BOARD	3120 mm	35
10	34x62	FLOOR BEARER	2790 mm	11
11	40x20	SKIRTING	2752 mm	2
12	40x20	SKIRTING	1111 mm	2

Drawn Date 18/04/2023	Drawn By Julian Shepherd	Title Emneth 2990g x 3890 9'9" g x 12'9"	Project MATERIALS LIST	Drawing no EMNETH 10X13	Rev
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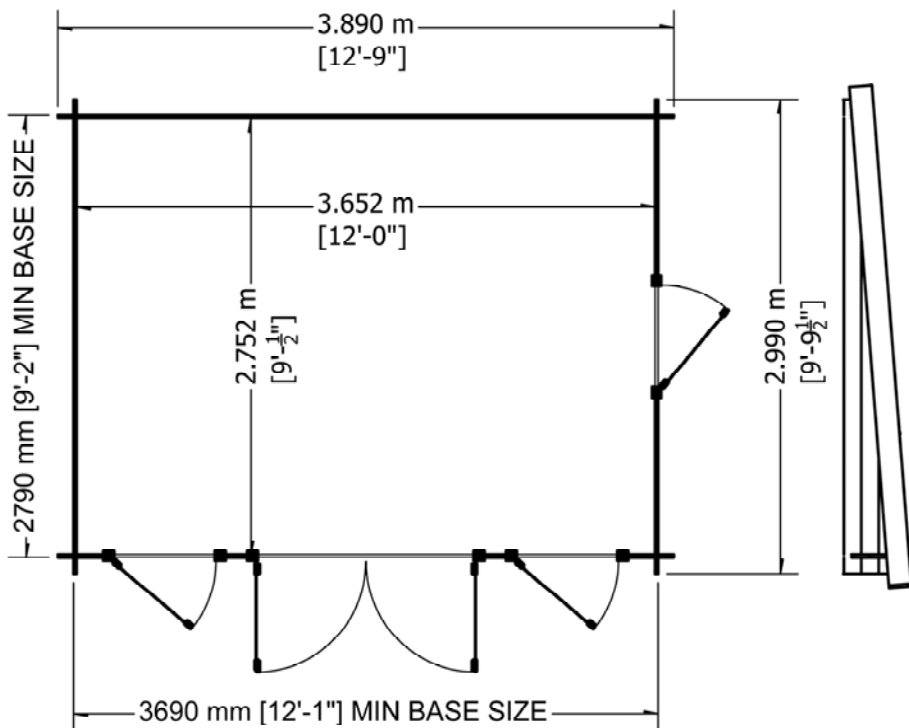
## Preparation of base...

We recommend that a perfectly flat concrete base onto which your building will stand must be at least the size stated below. We also recommend a 15cm trench filled with gravel around the base to stop rain splash back.

- **Total height clearance:** 2250mm
- **Roof size:** 3945mm x 3710mm

The chosen position in your garden for your building should have 1.5m space all around for assembly and re-treatment access.

We recommend that you contact your local planning to ensure there are no restrictions regarding the placement of your building.



### Note

The end window  
Can be built either end

## Building Photographs

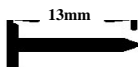
It will be greatly  
appreciated if you could forward  
images of your completed building to

-

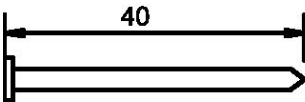
[sales@shiregb.co.uk](mailto:sales@shiregb.co.uk)

## Hardware Chart Scale 1:1

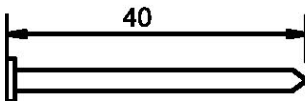
13mm Felt Nail  
(A0023) x 240



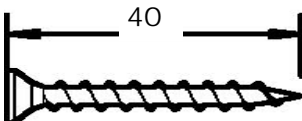
40mm Oval Head Nail  
(A06784) x 692



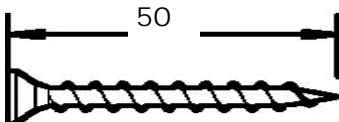
40mm Round Head Nail  
(A0025) x 420



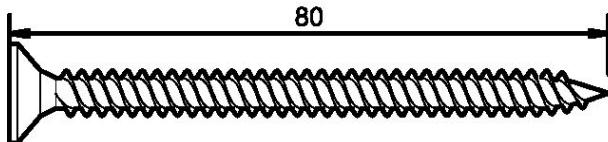
40mm Posi-drive screw  
(A0033) x 66



50mm Posi-drive screw  
(A0557) x 24



80mm Posi-drive screw  
(A0036) x 30



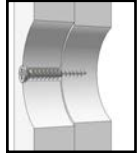
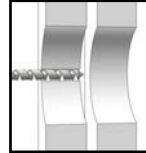
## Before you start...

## Things to check before you start:

- ✓ Ensure your base is ready – See page 4.
- ✓ Check all parts as listed in the parts lists.
- ✓ Read the instructions fully before starting work.
- ✓ Follow all the health and safety guidelines.



**When you see the drill icon**  
Only ever drill through the first piece of framework which will be a pilot hole for the screw to attach the second piece of framework  
**The required drill bit size is shown with the icon.**



## You will need:



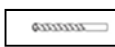
- Hammer



- Spirit level



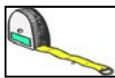
- Ladder



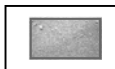
- 3mm + 5mm drill bit



- Drill



- Tape measure & Ruler



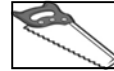
- Sand paper



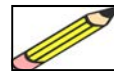
- Silicone sealant



- Gloves



- Saw



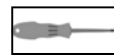
- Pencil



- Goggles



- A helper for some tasks



- Screwdriver



- Sharp knife

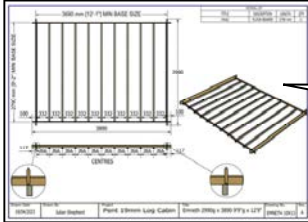
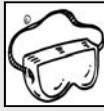
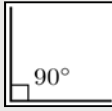


- Mallet

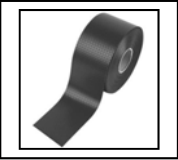
# Assembly instructions:

These instructions are for your safety. Please read through them thoroughly before use.

01

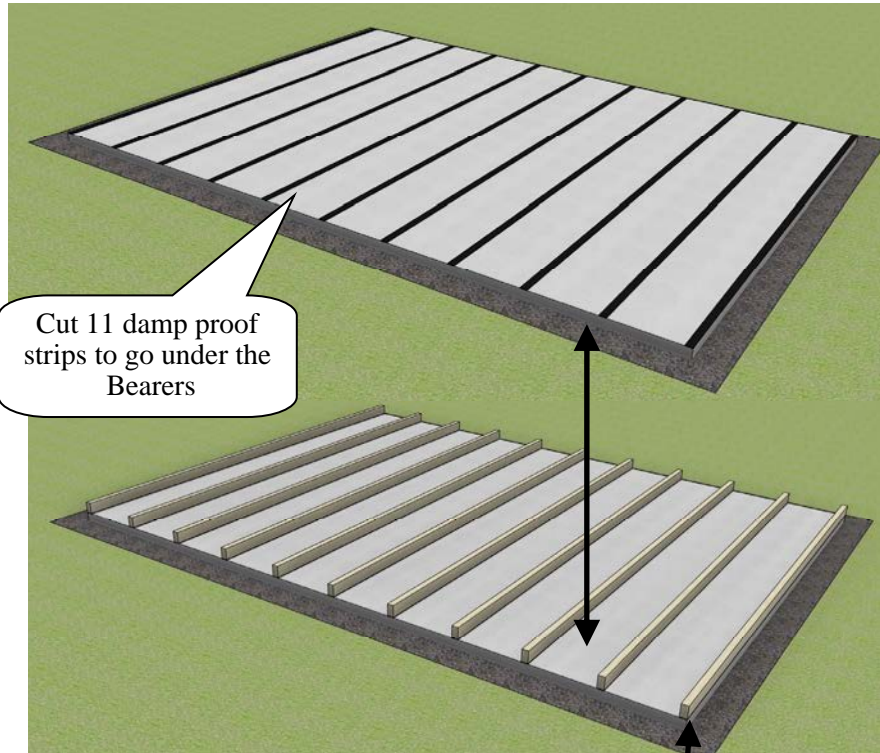


Refer to the drawing sheet for positions

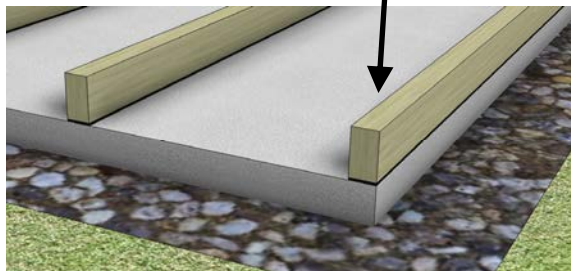


Damp proof strip  
Customer supplied

2790mm  
Floor Bearer  
Qty x 11



Cut 11 damp proof strips to go under the Bearers



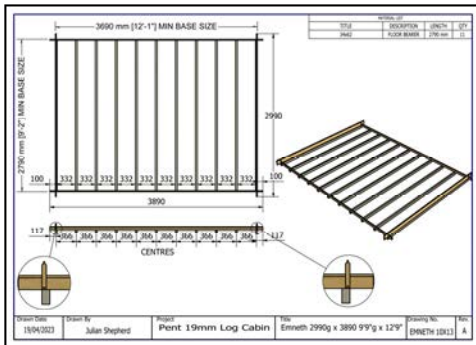


**A1  
LOG  
QTY 2**



**NOTE**  
Treat the under-side of the first row of logs at least twice before assembly

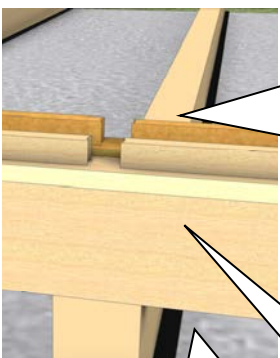
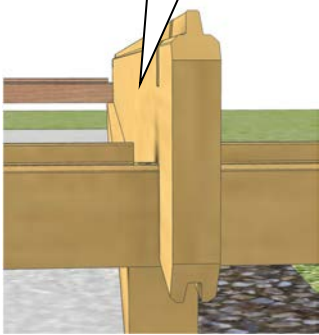
Place the two A1 together so you can mark the Centres at the same time



Refer to the drawing sheet for positions

**NOTE**  
FIT LOGS WITH TONGUES UPWARDS!

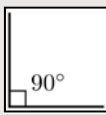
Notch against the side log. Make sure you screw into bearer



Cut a notch Just bigger than the screw head through the tongues at each bearer

**DOUBLE BEARER FOR PARTITION**

Drill through the A1 only with 5mm drill

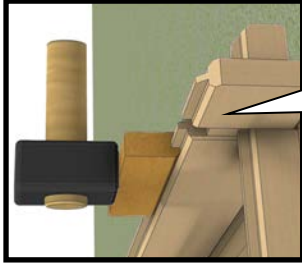
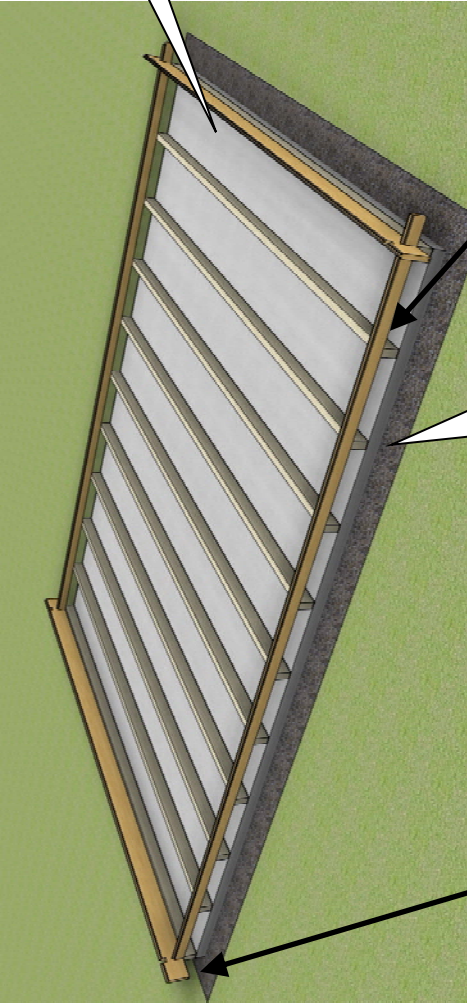


**B**  
**Logs**  
**Qty x 02**

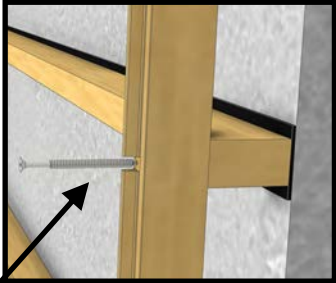


**80mmScrew**  
**(A0036) x 22**

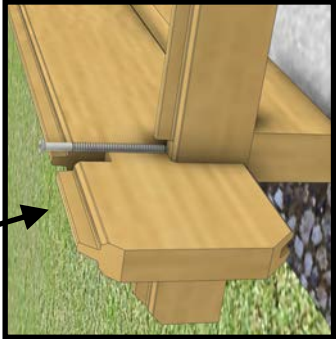
MAKE SURE EVERYTHING IS  
SQUARE BY MEASURING  
DIAGONALITY THE CORNERS  
BEFORE FIXING



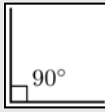
THERE ARE SEVERAL  
**KNOCKING BLOCKS**  
WHICH FIT OVER THE  
TONGUE. USE THESE  
WITH A MALLET TO  
POSITION THE LOGS



TREAT THE BOTTOM  
OF THE FIRST ROW OF  
LOGS AT LEAST TWICE  
BEFORE FIXING

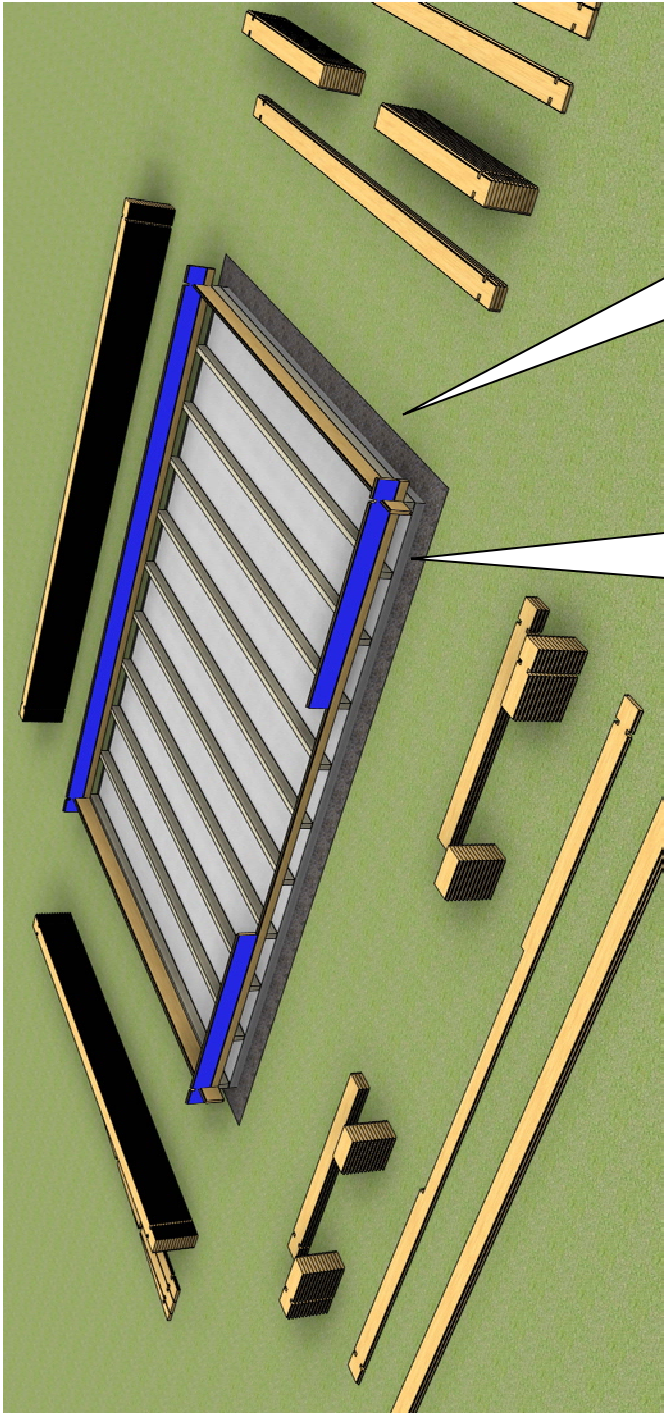






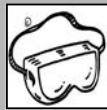
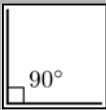
**A**  
**LOG**  
Qty x 01

**C**  
**LOGS**  
Qty x 02

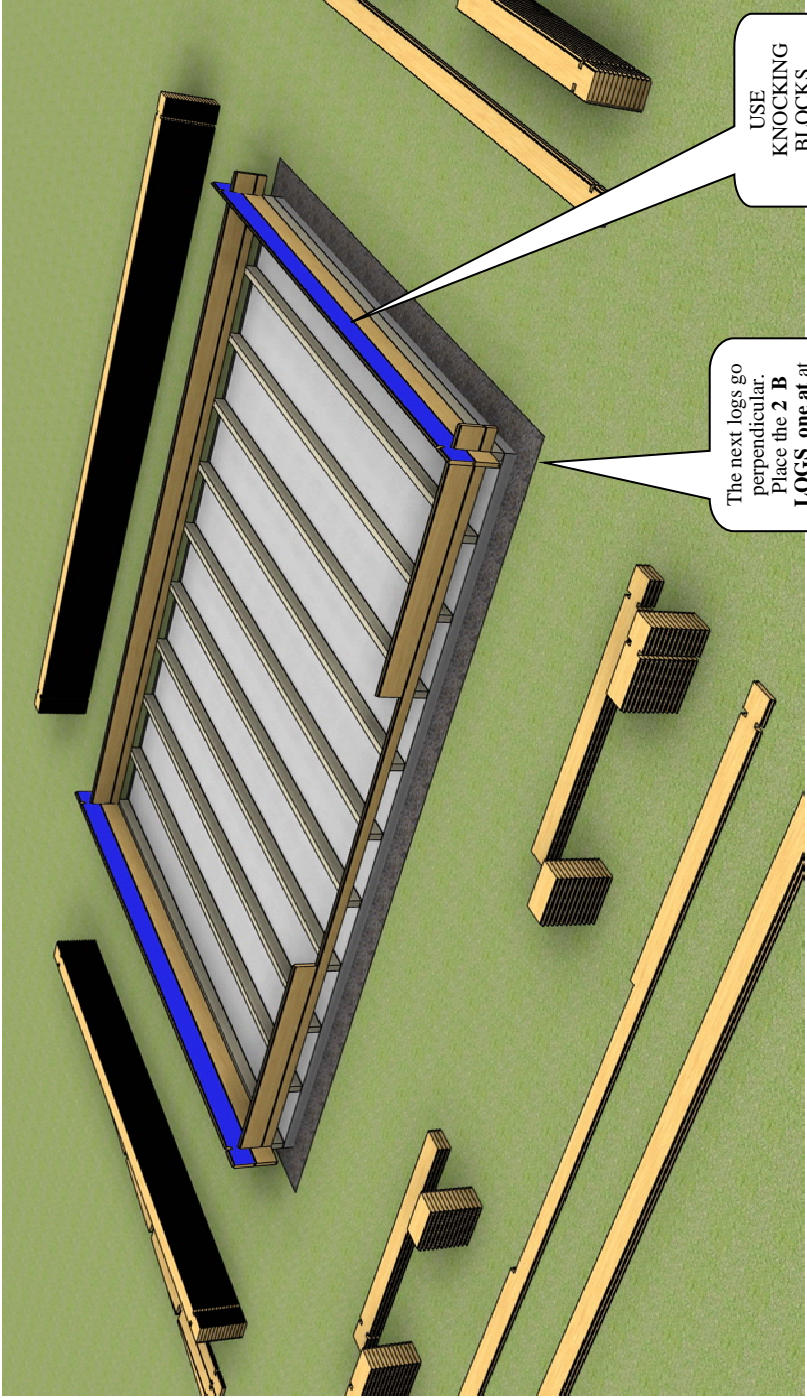


USE  
KNOCKING  
BLOCKS

Place an **A log** at  
the back and two  
**C logs** at the front.



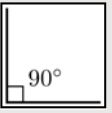
**B**  
**LOGS**  
Qty x 02



USE  
KNOCKING  
BLOCKS

The next logs go  
perpendicular.  
Place the 2 **B**  
**LOGS** one at  
each end.

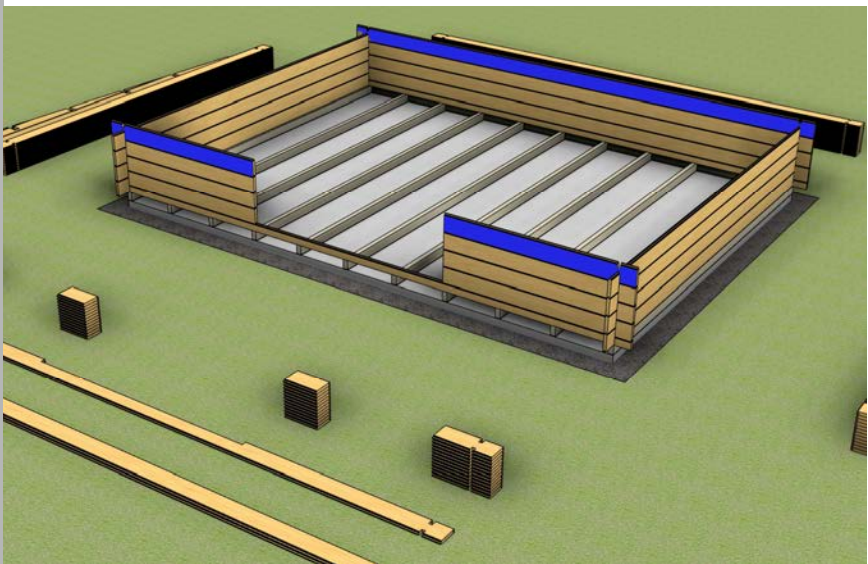
07



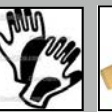
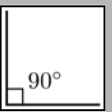
A  
LOG  
Qty x 03

B  
LOG  
Qty x 04

C  
LOG  
Qty x 06

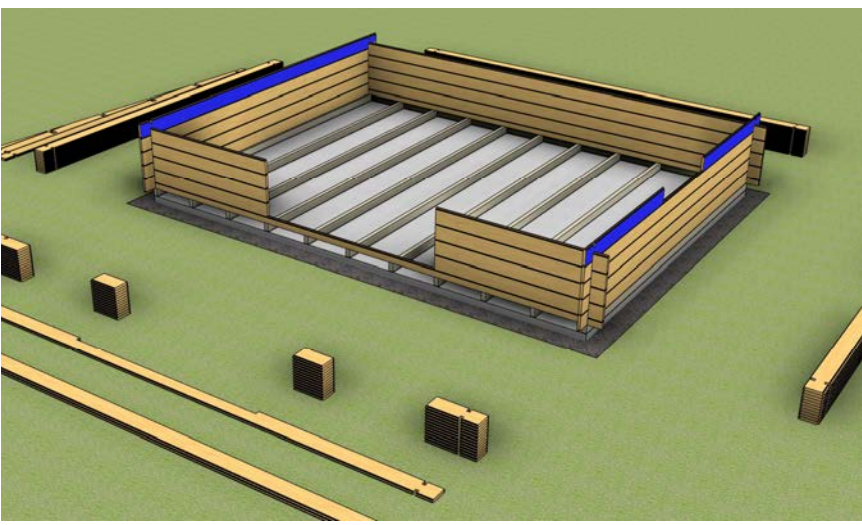


08



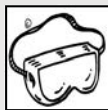
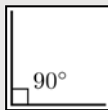
B  
LOG  
Qty x 01

H  
LOG  
Qty x 02



18

09



A  
LOG  
Qty x 13

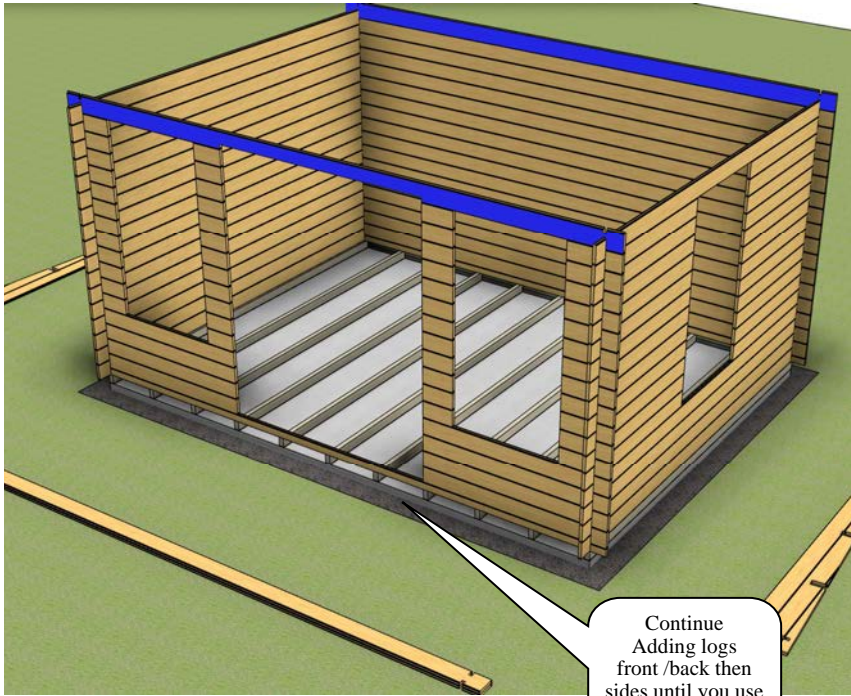
A2  
LOG  
Qty x 01

B  
LOG  
Qty x 13

D  
LOG  
Qty x 24

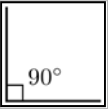
E  
LOG  
Qty x 24

H  
LOG  
Qty x 22

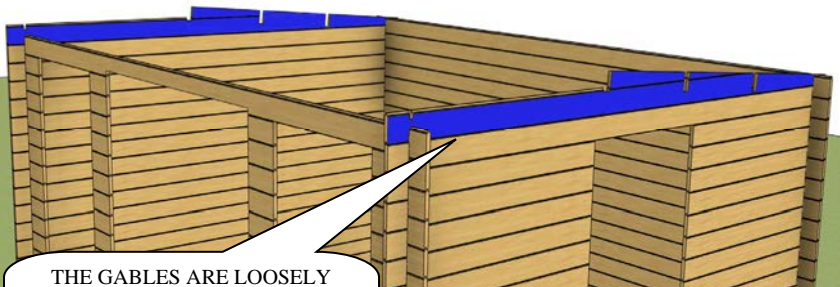


Continue  
Adding logs  
front /back then  
sides until you use  
**ALL BACK  
A LOGS**

10



LOW GABLE  
PART  
Qty x 02

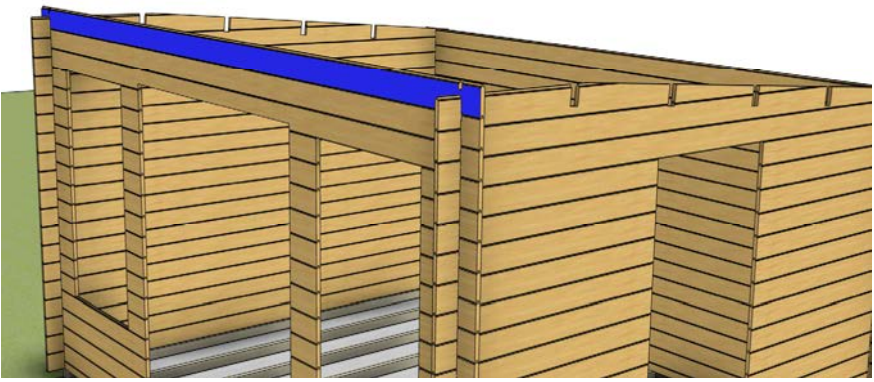
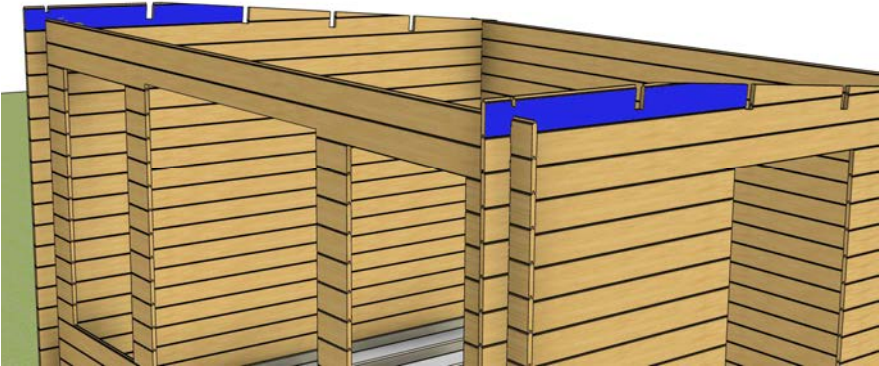
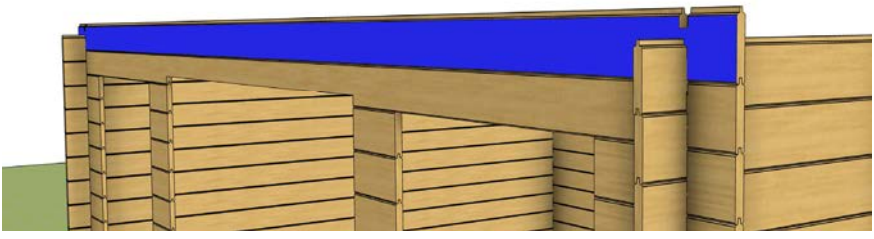


THE GABLES ARE LOOSELY  
SCREWED TOGETHER  
DIS-ASSEMBLE EACH GABLE IN  
SETS TO USE IN THIS AND THE  
FOLLOWING STEPS



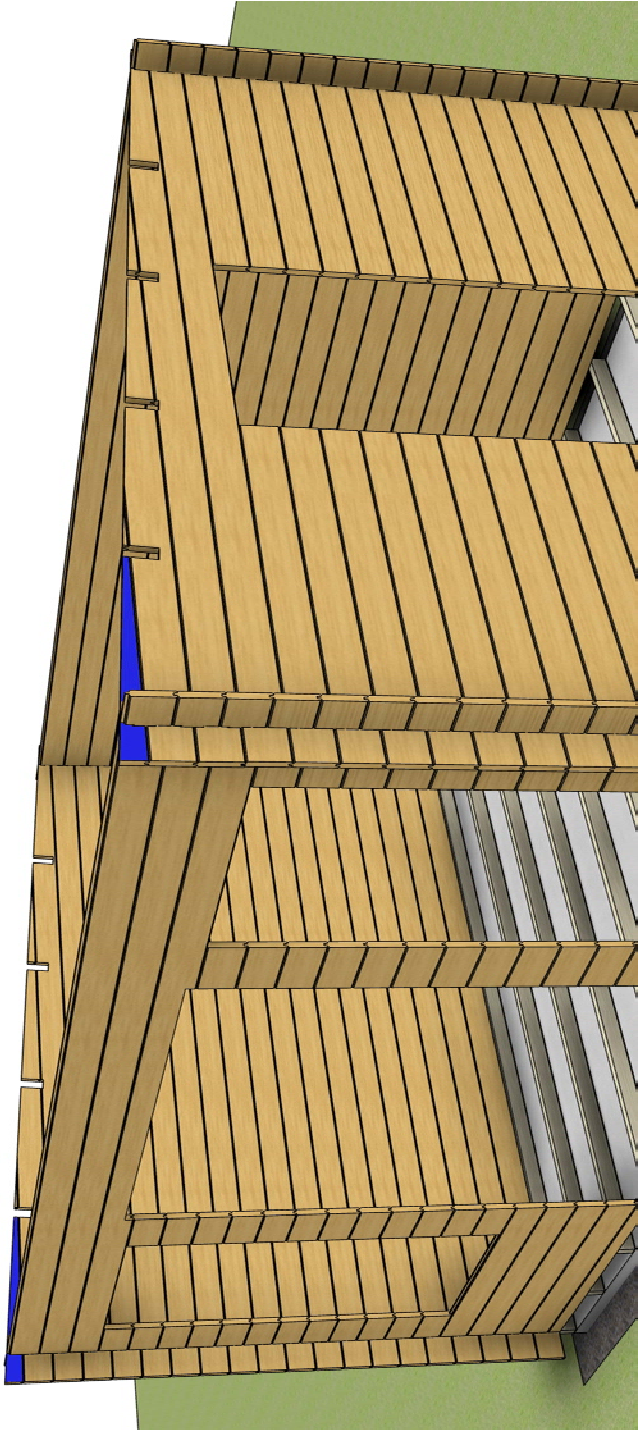
**A**  
**LOG**  
Qty x 02

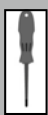
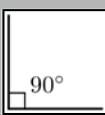
**MID GABLE**  
**PART**  
Qty x 03





**TOP GABLE  
PART**  
Qty x 03



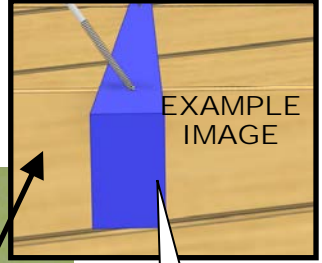
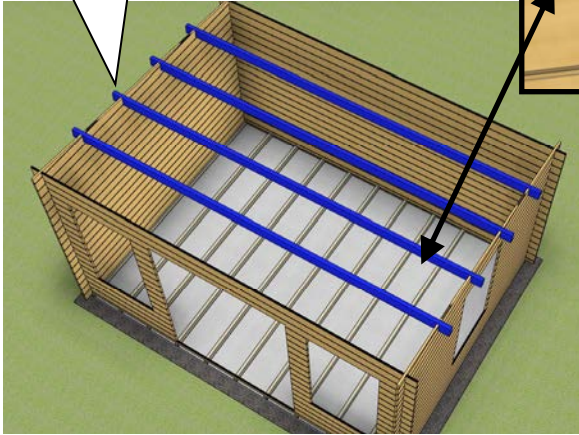


**3890  
ROOF  
BEARER  
Qty x 04**



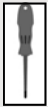
**80mmScrew  
(A0036) x 08**

MEASURE AND POSITION  
THE ROOF BEARERS  
100mm BOTH ENDS TO  
ALIGN FOR FIXING

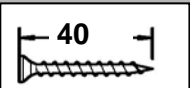


EXAMPLE  
IMAGE

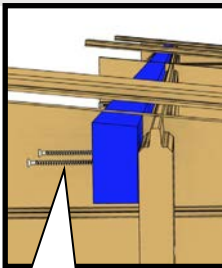
DRILL AT AN  
ANGLE AND FIX  
ROOF BEARERS  
TO GABLES AT  
NOTCHES WITH  
80mm SCREWS



**3890  
ANGLED  
EAVES  
EDGING  
Qty x 02**

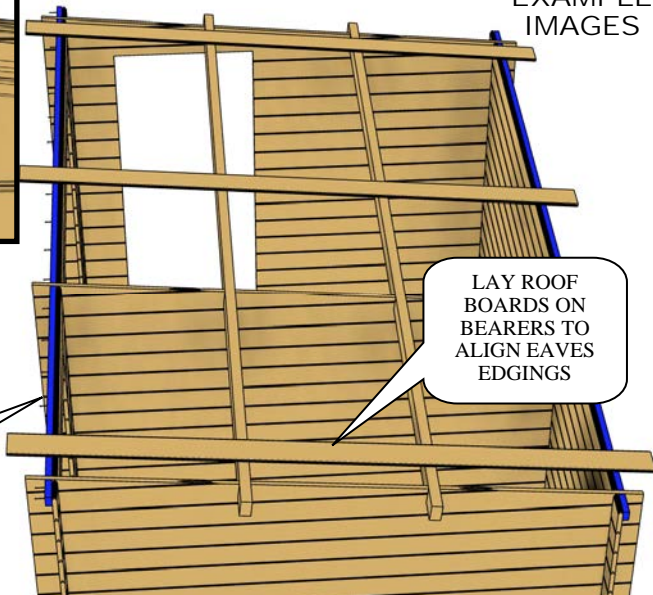


**40mmScrew  
(A00033) x 38**



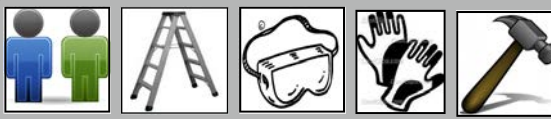
DRILL AND FIX  
EAVES EDGING  
TO WALLS WITH  
40mm SCREWS

YOU WILL HAVE  
TO CUT THE  
EAVES EDGINGS  
TO FIT ( FRONT  
AND BACK)



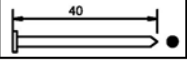
EXAMPLE  
IMAGES

LAY ROOF  
BOARDS ON  
BEARERS TO  
ALIGN EAVES  
EDGINGS

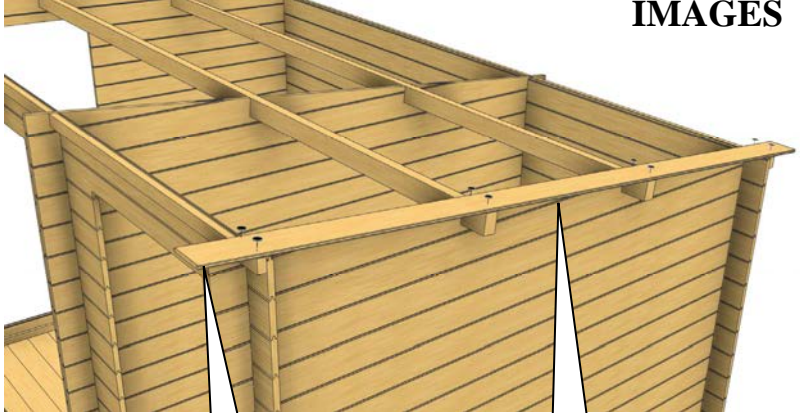


## EXAMPLE IMAGES

**ROOF  
BOARDS**  
Qty x 01

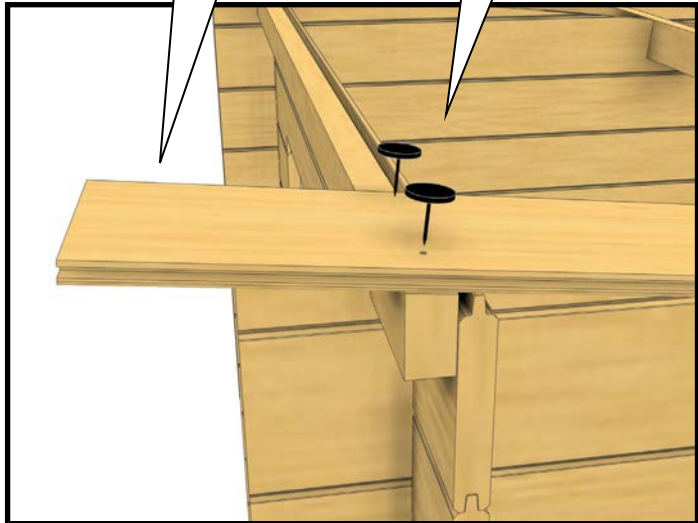


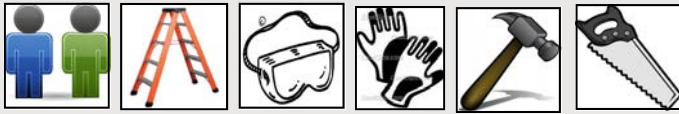
**40mm Nails**  
(A0025) x 12



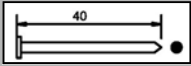
ALIGN THE ROOF BOARD  
(GROOVE OUTWARDS)  
FLAT SIDE UP WITH EVEN  
OVERHANG FRONT AND  
BACK

FIX WITH TWO  
40mm NAILS  
AT EACH ROOF BEARER  
AND AT THE ANGLED  
EAVES EDGES

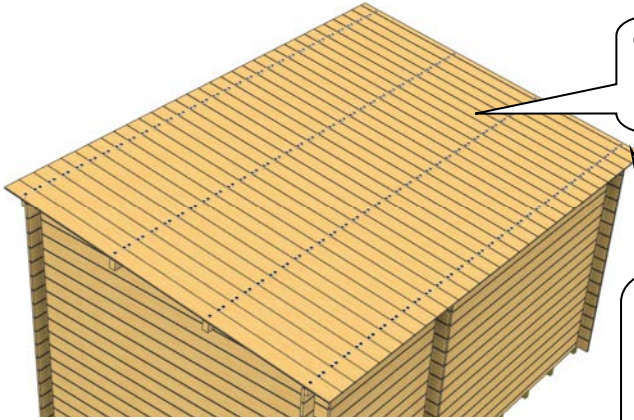




**ROOF  
BOARDS**  
Qty x 34



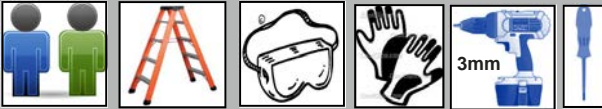
**40mm Nails  
(A0025) x 408**



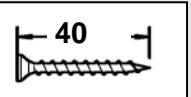
CONTINUE WITH  
THE REST OF  
THE ROOF  
BOARDS

YOU MAY HAVE  
TO CUT THE  
FINAL ROOF  
BOARDS FLUSH  
WITH THE ROOF  
BEARERS

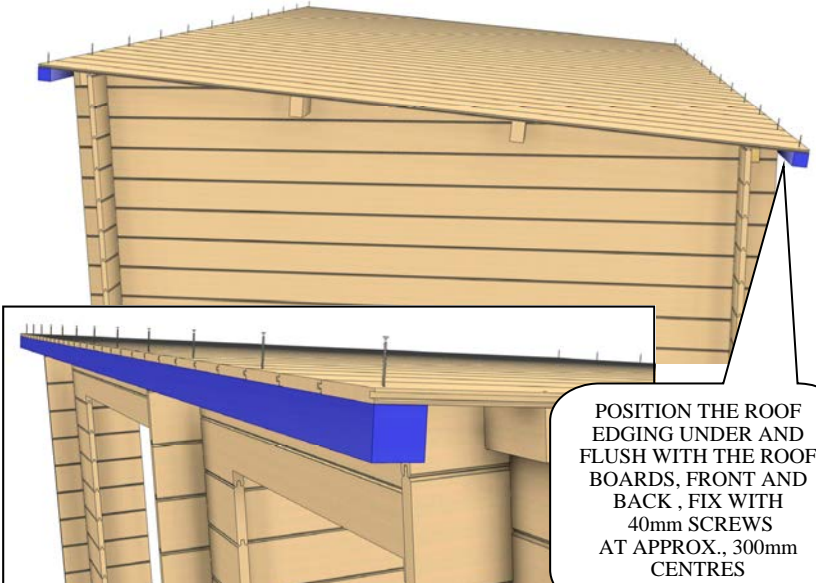
EXAMPLE  
IMAGE



**3890  
44x44  
ROOF  
EDGING**  
Qty x 02

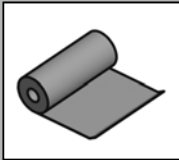
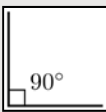


**40mmScrew  
(A00033) x 28**

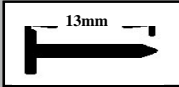


EXAMPLE  
IMAGES

POSITION THE ROOF  
EDGING UNDER AND  
FLUSH WITH THE ROOF  
BOARDS, FRONT AND  
BACK , FIX WITH  
40mm SCREWS  
AT APPROX., 300mm  
CENTRES

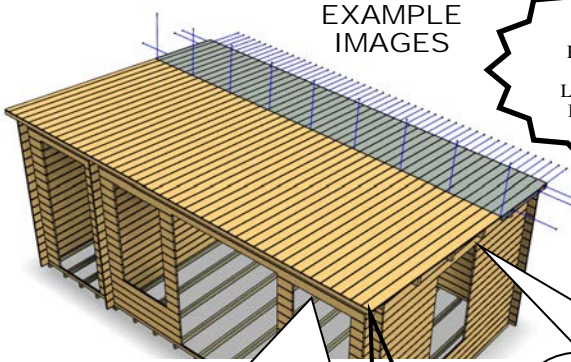


Felt Strip  
4.3m  
Qty x 03



13mm Felt Nails  
(A0023) x 165

EXAMPLE IMAGES

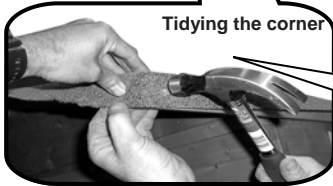


**NOTE**  
ROLL THE STRIPS  
OUT FLAT ON A  
LAWN OR SIMILAR  
BEFORE FITTING

**NOTE**  
TREAT THE  
ROOF BEFORE  
FELTING

POSITION THE FELT LEVEL WITH  
THE BOTTOM OF THE ROOF  
EDGING AND AN EVEN  
OVERHANG EACH END

NAIL ALONG THE HIGH  
EDGE WITH 9 FELT NAILS.  
1 FELT NAIL IN EACH  
BEARER END AND  
ALONG THE ROOF EDGE  
AT 100mm SPACING



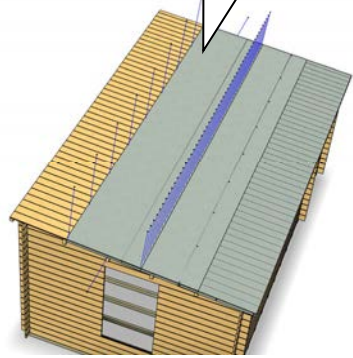
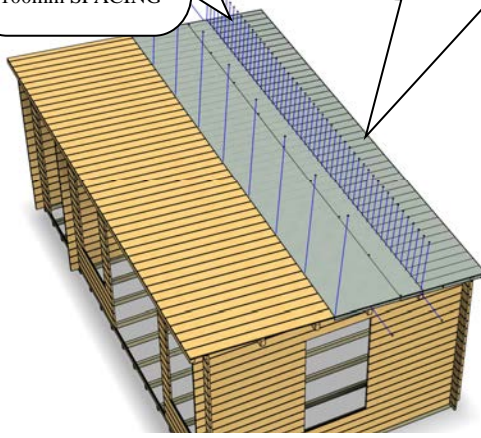
Tidying the corner

FOLD THE CORNER  
AND FIX WITH A  
FELT NAIL

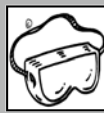
NAIL ALONG THE  
HIGH EDGE WITH  
7 FELT NAILS.  
1 FELT NAIL IN  
EACH BEARER  
END AND  
ALONG THE  
OVERLAP AT  
100mm SPACING

MEASURE HOW FAR THE  
BOTTOM FELT GOES UP THE  
ROOF.  
MARK THIS DISTANCE  
FROM THE HIGH EDGE AND  
WORK OUT AN EVEN OVER-  
LAP FOR THE OTHER STRIPS

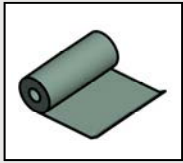
REPEAT WITH  
3RD STRIP



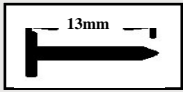
19



PLACE THE LAST STRIP EVENLY OVERLAPPING THE STRIP BELOW

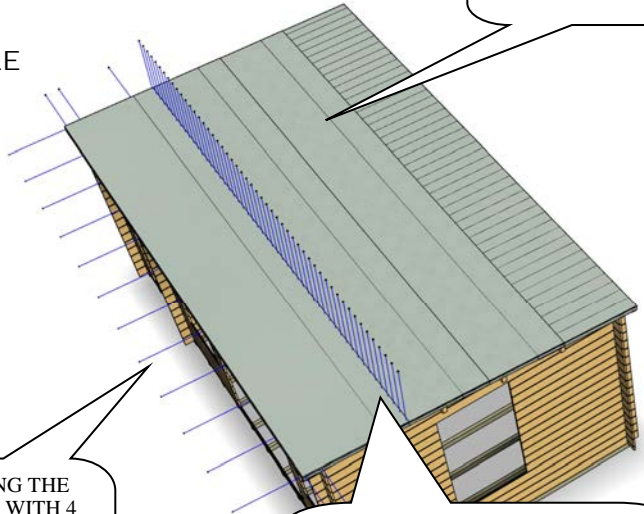


Felt Strip  
4.3m  
Qty x 01



13mm Felt Nails  
(A0023) x 55

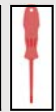
EXAMPLE IMAGE



NAIL ALONG THE HIGH EDGE WITH 4 FELT NAILS.  
1 FELT NAIL IN EACH BEARER END AND ALONG THE JOIN AT 100mm SPACING

NAIL 7 FELT NAILS IN THE ROOF EDGING, 1 FELT NAIL IN EACH BEARER END AND ALONG THE OVERLAP AT 100mm SPACING

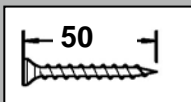
20



PUSH THE SIDE FASCIA UP TO THE FRONT FIX AT EACH ROOF BEARER AND EDGING WITH 1x 50mm SCREW.

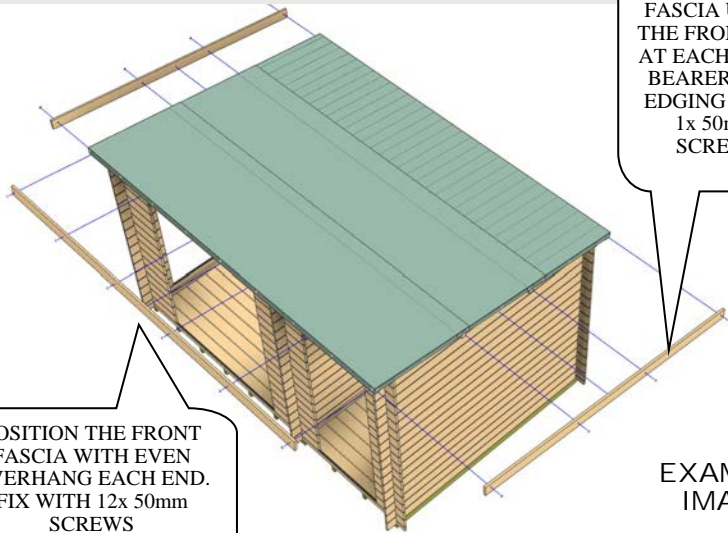
FASCIA FRONT  
Qty x 01

FASCIA SIDE  
Qty x 02



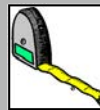
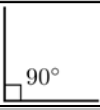
50mm Screw  
(A0557)x24

POSITION THE FRONT FASCIA WITH EVEN OVERHANG EACH END. FIX WITH 12x 50mm SCREWS

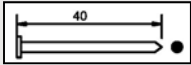


EXAMPLE IMAGE

26



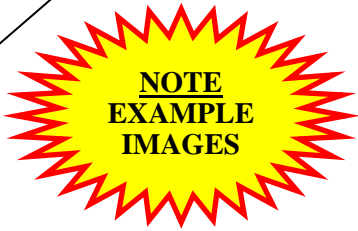
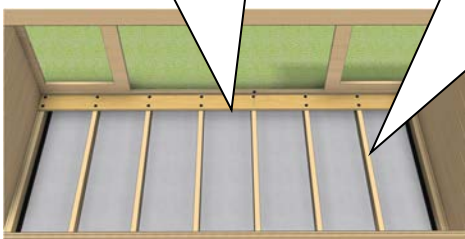
**3650mm  
Floor Boards  
Qty x 25**



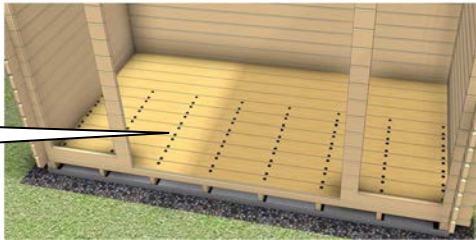
**40mm  
Oval Nails  
(A06784)x650**

**FLAT SIDE UP  
TREAT UNDERSIDE  
BEFORE FIXING**

**PLACE THE FIRST FLOOR BOARD  
AGAINST THE DOOR AND FIX AT EACH  
BEARER WITH 2 NAILS**

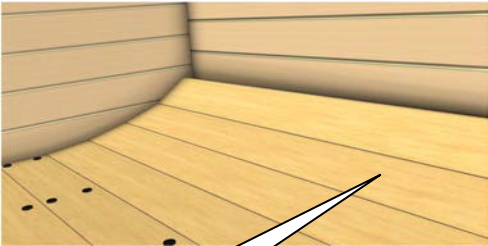
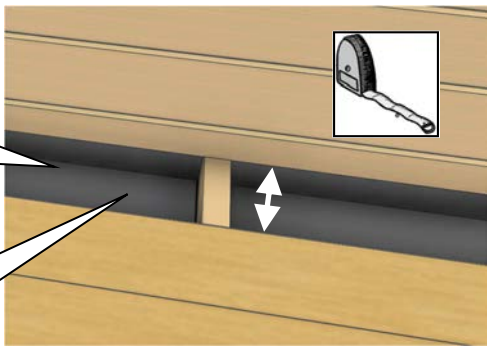


**DO NOT NAIL  
LAST 4 FLOOR  
BOARDS**



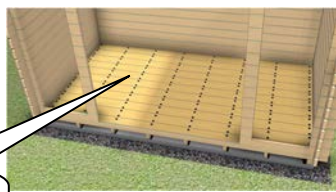
**MEASURE GAP  
AND CUT LAST  
FLOOR BOARD**

**NOTE  
CAN BE 5mm  
NARROW AS  
UNDER SKIRTING**



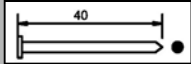
**CURL THE FLOOR  
BOARDS UP AND  
ADD THE CUT  
BOARD**

**LAY THEM DOWN  
AND FINISH  
NAILING**



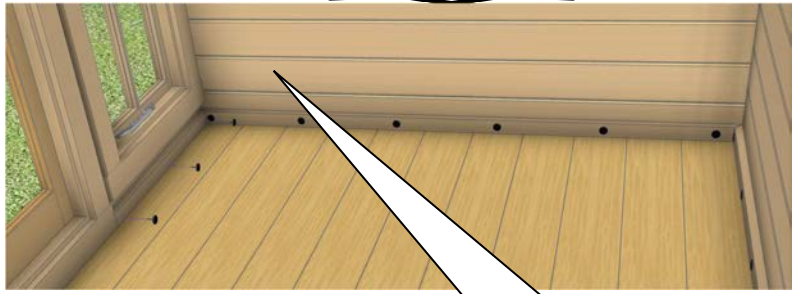


**Skirting Boards**



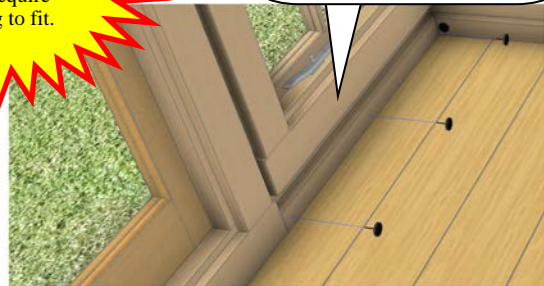
**40mm  
Oval Nails  
(A06784)x42**

**TREAT ALL TIMBERS INSIDE AND OUT BEFORE FITTING JOINERY. THEN FIT SKIRTING**



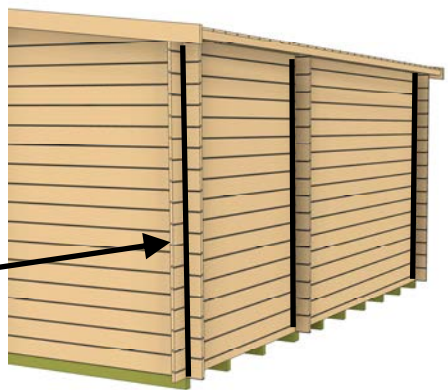
**NOTE**  
Skirting may be in longer lengths  
And require cutting to fit.

**CUT THE SKIRTING BOARDS TO FIT ( NOT UNDER THE DOOR FRAME) AND FIX WITH 40mm OVAL NAILS AT APPROX. 400mm CENTRES**

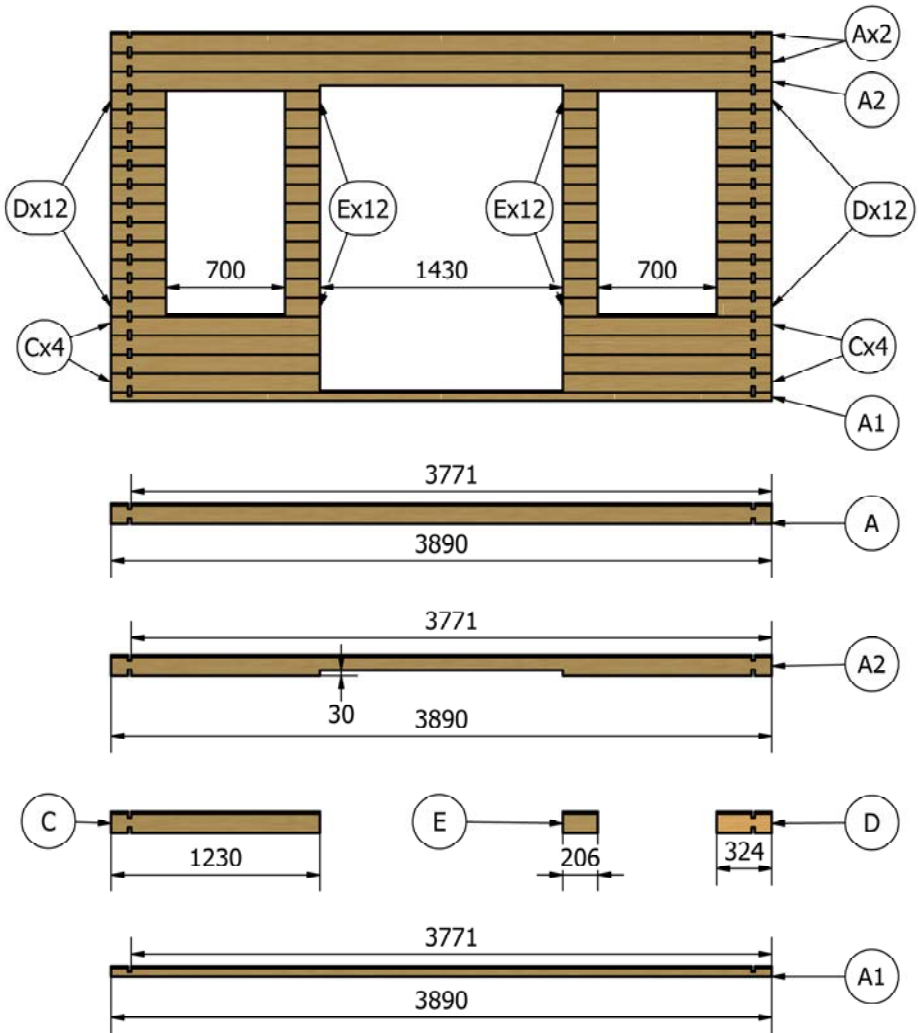


**EXAMPLE IMAGE**

**IMPORTANT**  
Silicone seal all sides of all external Corner Joints top to bottom after treatment.

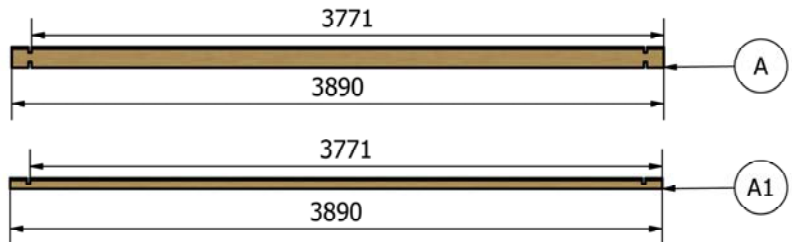






MATERIAL LIST			
TITLE	DESCRIPTION	LENGTH	QTY
A	LOG	3890 mm	2
A1	LOG	3890 mm	1
A2	LOG	3890 mm	1
C	LOG	1230 mm	8
D	LOG	324 mm	24
E	LOG	206 mm	24

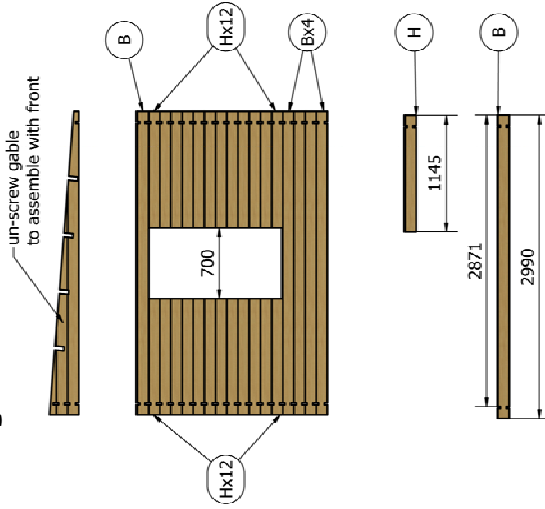
Drawn Date	Drawn By	Title	Project	Drawing no	Rev
18/04/2023	Julian Shepherd	FRONT	project		



MATERIAL LIST			
TITLE	DESCRIPTION	LENGTH	QTY
A1	LOG	3890 mm	1
A	LOG	3890 mm	17

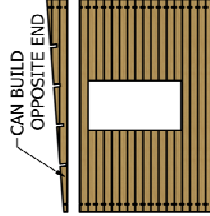
Drawn Date 18/04/2023	Drawn By J Shepherd	Title BACK	Project 3890 13' Emneth 19mm	Drawing no	Rev
--------------------------	------------------------	---------------	---------------------------------	------------	-----

Mass: 34.7 kg

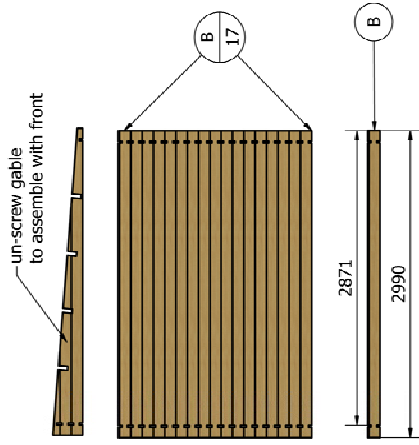


MATERIAL LIST			
TITLE	LENGTH	QTY	
B	2990 mm	5	
H	1145 mm	24	

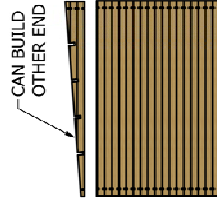
WHERE USED		
BUILDING	QTY	
ELM 10X17	1	
ELM 10X14	1	
ELM 10X12	1	
EMMETH 10 X 13	1	



Mass: 41.7 kg



MATERIAL LIST			
Pl. No.	TITLE	LENGTH	QTY
B	B	2990 mm	17



WHERE USED		
BUILDING	QTY	
ELM 10X17	2	
ELM 10X14	2	
ELM 10X12	2	
EMMETH 10 X 13	1	

REVISION HISTORY		
REV	DESCRIPTION	DATE
A		25/09/2020

Drawn By	J Stepien	Checked By	
Issue Date	20/09/2022	Project	ELM 19mm 2950
Title	PLAIN END PARTITION	Drawn Date	
Rev		Rev	