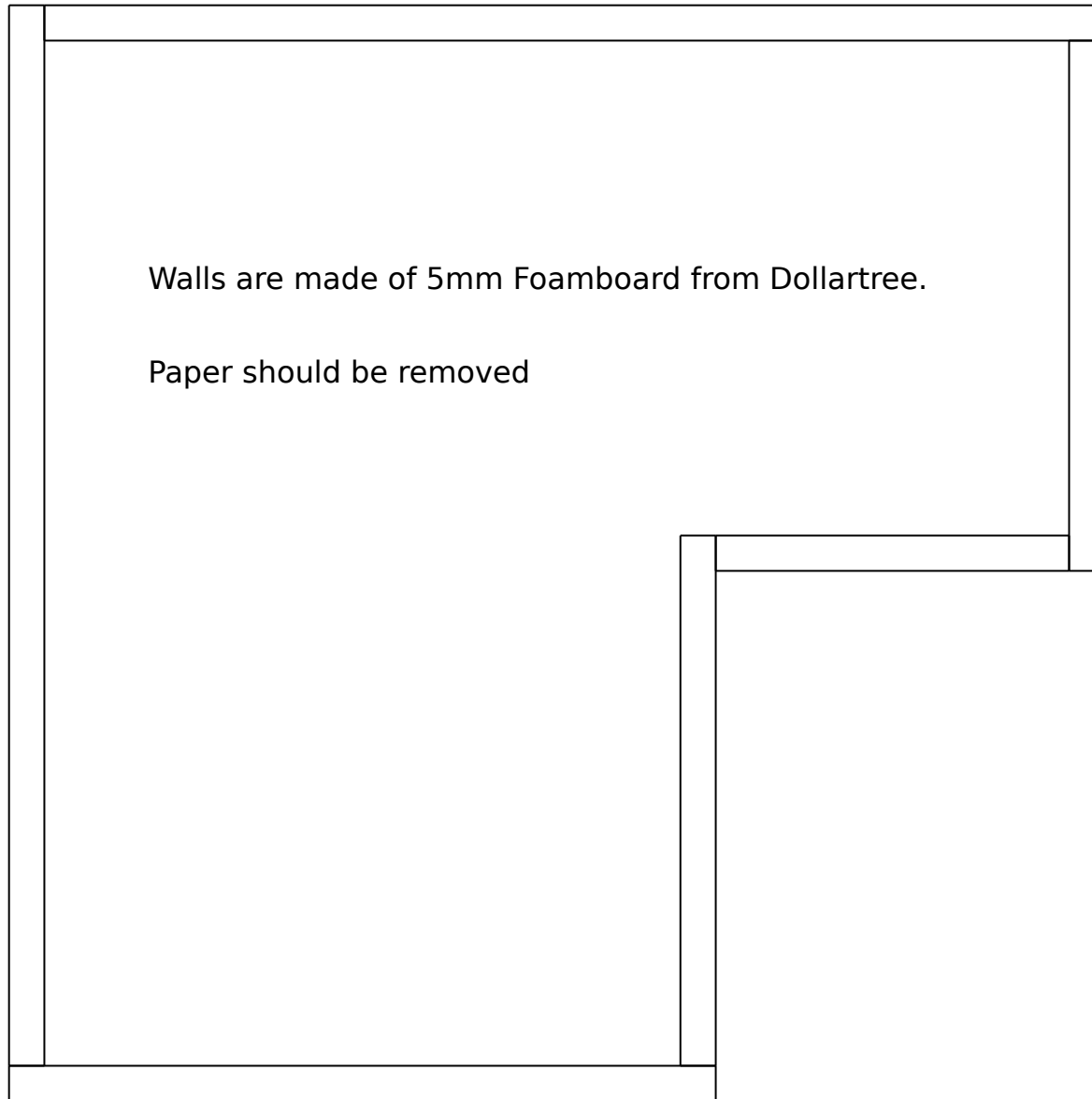


Scan with your Samrtphone
to open a web browser 3d model

Terrain Tronics Cottage Build

Cover Sheet

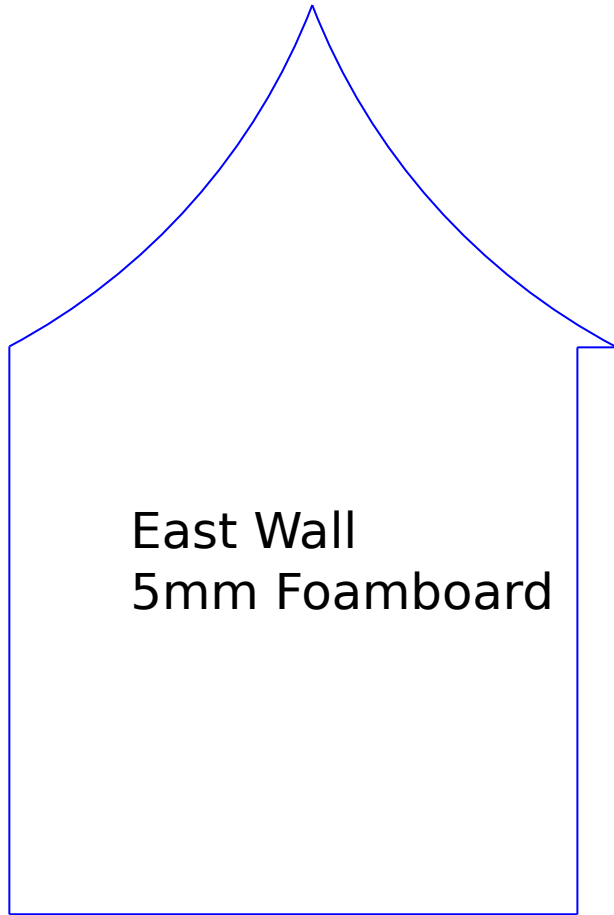


Walls are made of 5mm Foamboard from Dollartree.

Paper should be removed

Terrain Tronics Cottage Build

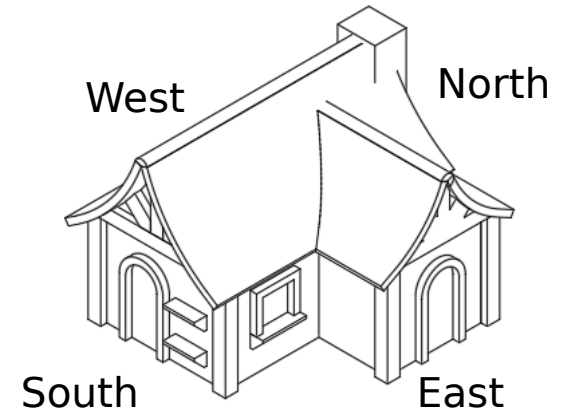
Floorplan



East Wall
5mm Foamboard



West Wall
5mm Foamboard

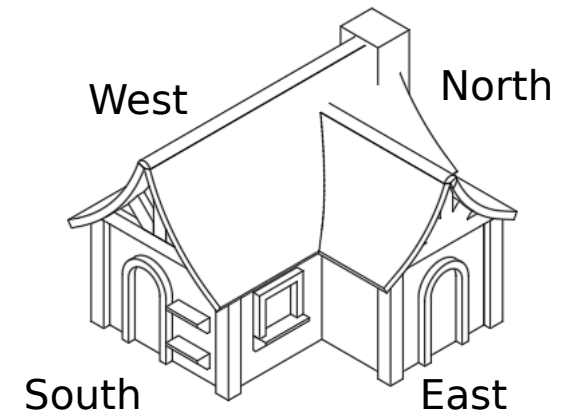


Terrain Tronics Cottage Build

East and West Walls

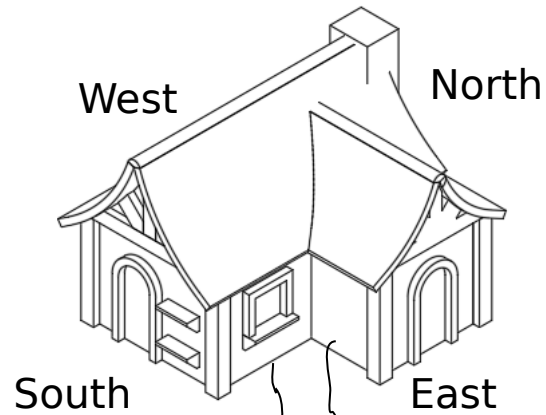
South Wall
5mm Foamboard

North Wall
5mm Foamboard



Terrain Tronics Cottage Build

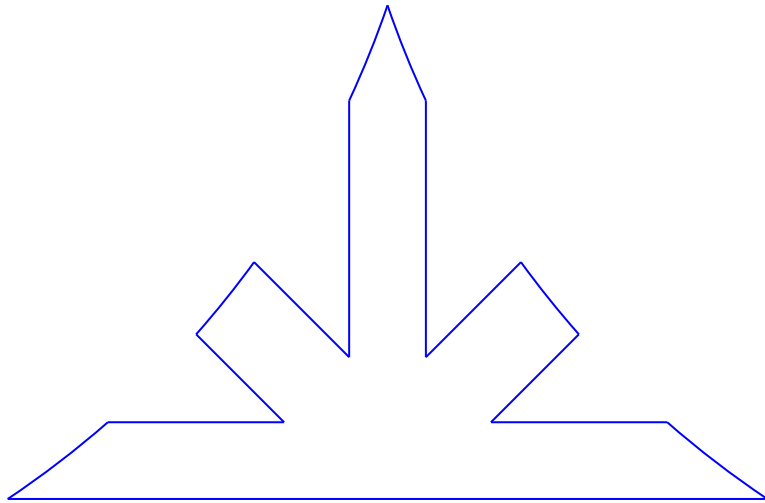
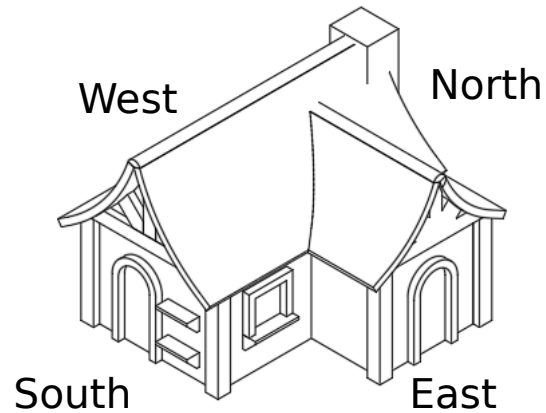
North and south walls



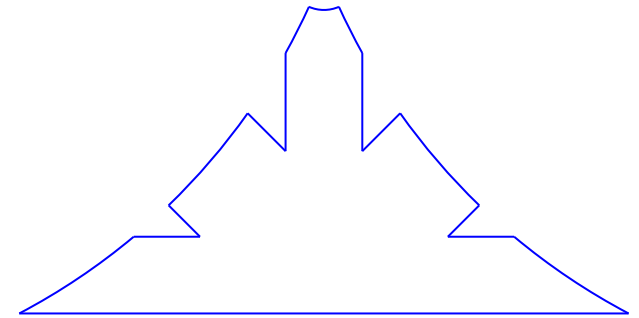
East Mini Wall
5mm Foamboard

South Mini Wall
5mm Foamboard

Terrain Tronics
Cottage Build
Mini Walls



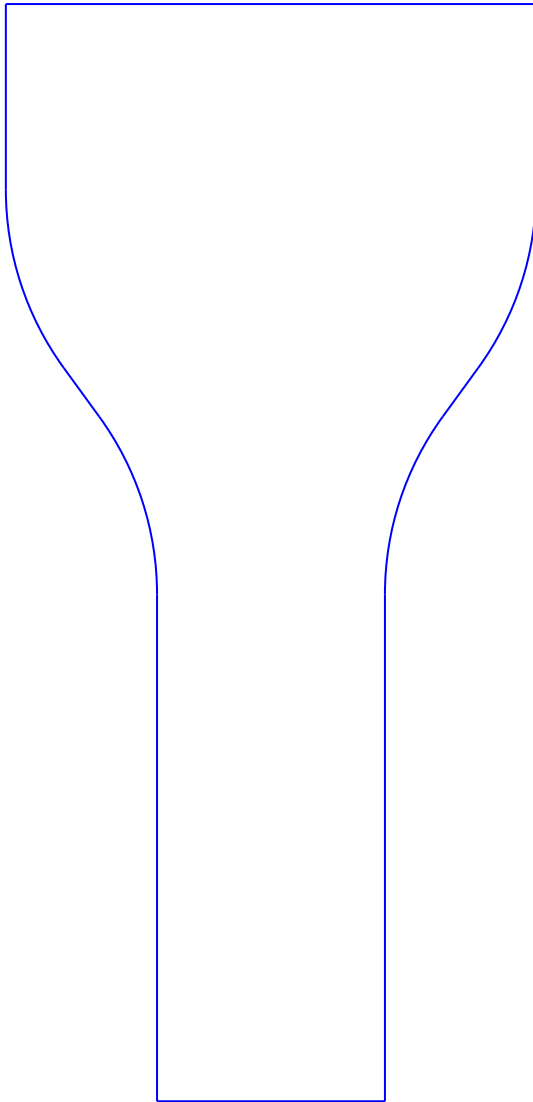
North and South Gable Frames
5mm Foamcore. Additional cutout
required for chimney.



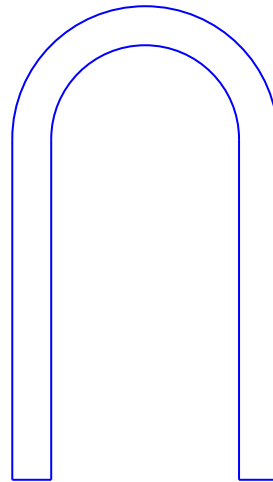
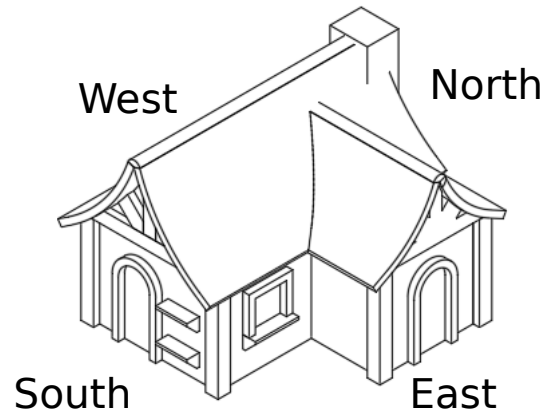
East Gable Frame
5mm Foamcore

Terrain Tronics Cottage Build

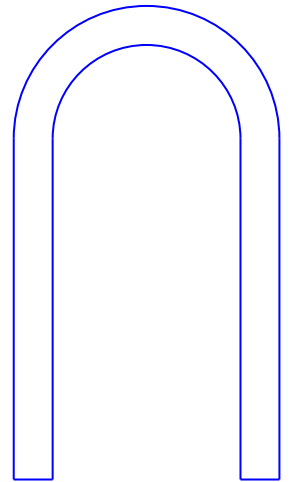
Gable Frames



Chimney template
25mm / 1inch XPS
North Side

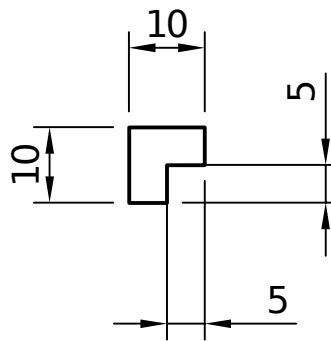


Door Frame x 2
5mm Foamcore

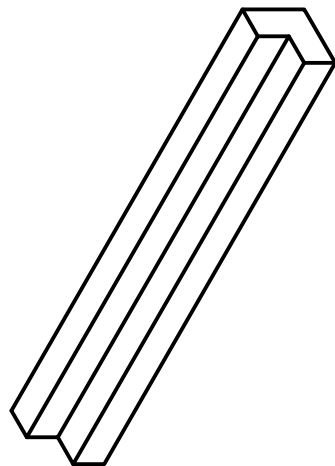
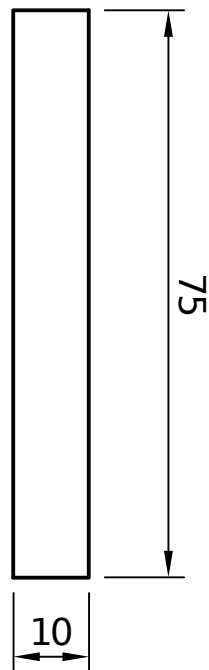


Terrain Tronics Cottage Build

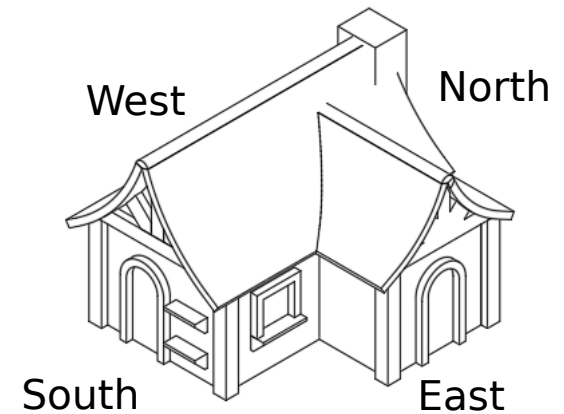
Door & Chimney



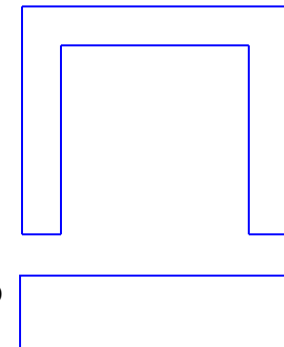
Corner Frames - start with
10mm x 10mm XPS and slice
down middle.
Make 5x



Shelf is made of 10mm XPS
Make 2x



Window Frame Top
5mm Foamcore



Terrain Tronics Cottage Build

Window Frame and Corner Profile

See this link for Conwy Castle documentation: <https://github.com/Audio-Roche/TerrainTronics-Conwy-Castle>

**NOTE: PLEASE PRACTICE WIRING
THROUGH THE BRACKET ON
SPARE BIT OF FOAM**

1 - put a blob of black paint on the back of the bracket and press against foam. Foam will have paint against it and a unpainted circle where the hole on the back of the bracket lines up.

2 - cut a small hole in the foam where the circle is. This allows for wires to pass through..

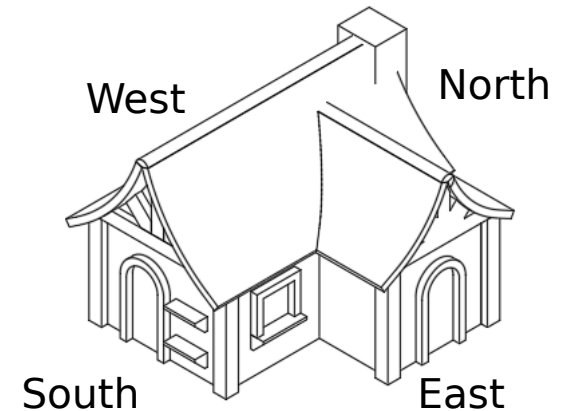
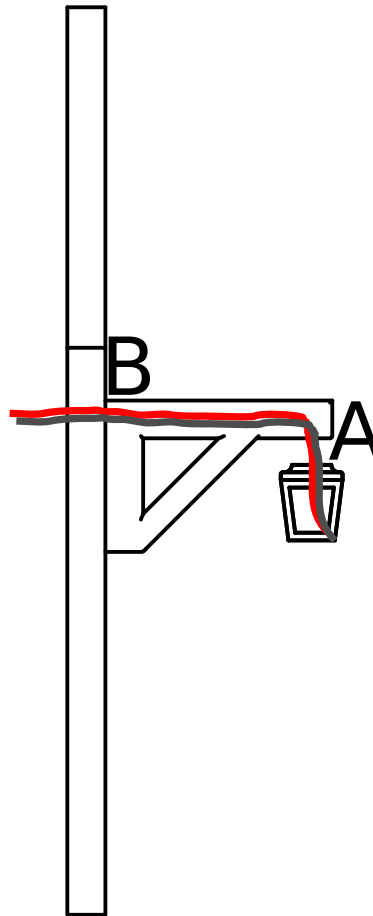
3 - feed 2x 30AWG wires (6" of wire) from the front of the bracket (point A), through the inside of the bracket, out of point B and through the wall. Allow at least 6inches of wire, you'll trim it later.

5 - Insert the LED into the shade with a little superglue.

6 - Wirewrap or Solder the legs of the parts red wire to the longer Diode leg and the black to the shorter leg, then trim the legs as short as possible. Leave about 6mm of wire between the bracket and shade by gently pulling both wires simultaneously through the bracket into the cottage. Be gentle.

7 - Careful when painting the lamp shade - don't get paint on the LED!

8 - Connect to Conwy Board. See Docs.

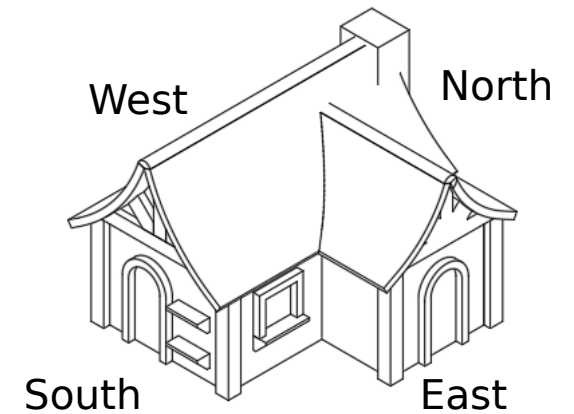


Scan with your amrtphone
to open Conwy Castle Manual

Terrain Tronics Cottage Build

Example Wiring

Main Roof x 2
Will need cutout for chimney.
5mm Foamboard



East Dormer x 2
Will need trimming to attach
5mm Foamboard

Terrain Tronics Cottage Build

Roofs