

Component 4: The Roof Pieces

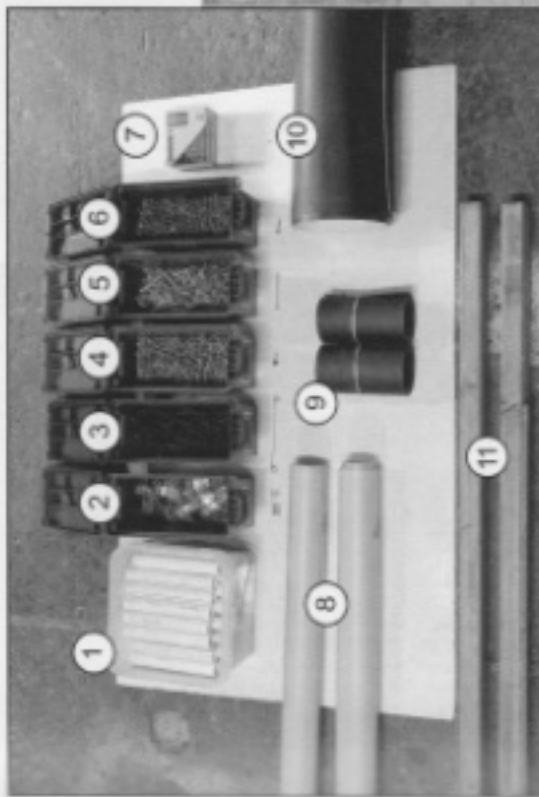


Figure 1. Roof pieces 1-11

This component is not as compact and tidy as the walls, floor, or deck. It is an assemblage of fourteen separate pieces, some of which require preparation work before bringing them to the build site.

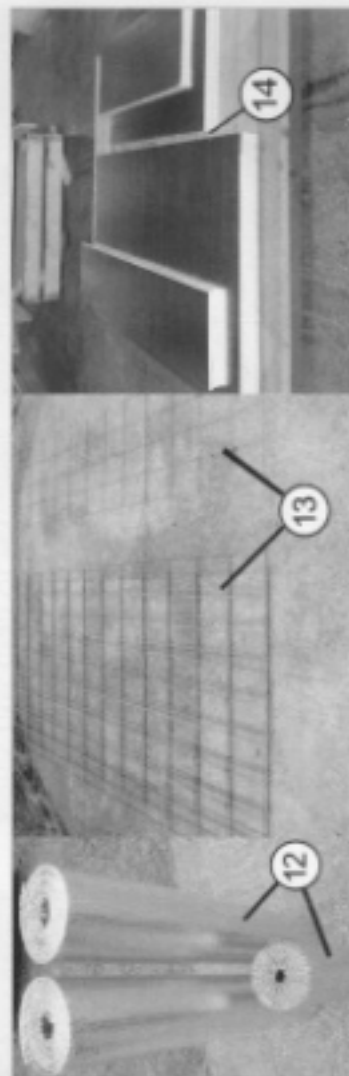


Figure 2. Roof pieces 12-14

List of roof pieces, the purpose, and the amount needed

Roof piece	Purpose	QTY/Roof
1. PVC saddle clips	Secures outer membrane	48
2. Plumber's tape straps	Secures cattle fencing	about 100
3. Rebar ties	Ties cattle fencing together	about 21
4. 1" hex roofing screws	Fastens roof membranes	30-40
5. 3" deck screws (T-25 star drive)	Fastener for wall braces	a few
6. 1 1/2" deck screws (T-25 star drive)	Fastener for cattle fencing	3 lb.
7. T-50 3/8" staples	Attaches materials	a few
8. Commercial vinyl material	Membrane over deck and rear overhang	2 pieces
9. Tar paper strips	Wall wrap/moisture barrier	2
10. Thermoplastic polyolefin (TPO)	Roof membrane over interior	2
11. 2X4 wall braces	Braces walls/roof structure	3 rolls
12. Reflective insulation	Insulation layer	3 1/2
13. 50"X16" cattle panel	Roof structure	5 full sheets
14. R-Tech panels and aluminum tape	Insulation	