



Load Bearing Cob

Uses considerably less lumber and therefore overall much less cost.

Work is weather dependant unless entire site is tarped... very difficult to achieve but possible for smaller structure.

Less environmental impact.

Engineering is more challenging

Design phase

Needs versus wants; space requirements

Observe habits (sleeping, eating, reading, entertaining)

Second story or loft

Passive solar design (windows, roof overhangs, thermal mass, building and window orientation, natural airflows.

Determine window sizing and placement

Determine energy systems (electrical and heating) for space considerations

Self sufficiency options

Earthen floors / concrete floors / hydronic heating

Cold storage built onto house?

Determine water harvesting, usage and then reuse. Space requirements and potential for gravity systems

Site drainage

Slope of roof / living roof / engineered trusses or onsite framing

Consider roofing materials for weight, function, beauty, eco-impact

Post Beam Infill

Post beam allows for the roof to go up first and work in most weather conditions.

Allows more creativity as the structure comes from other sources.

Allows for larger windows.

Faster construction but more expensive. (materials and labour)

Engineering is simpler