CLAIMS:

1. A modular housing system comprising a structural framework comprising an internal chassis as a core structural element, the internal chassis including:

a first ladder frame that defines a base; and

a second ladder frame configured to support a roof, the second ladder frame being spaced from the first ladder frame via a plurality of columns to define a usable volume of the structural framework, at least two of the columns including an offset hinge arrangement for pivotal attachment of the second ladder frame thereto,

wherein the offset hinge arrangement comprises a choice of pivot points offset from each other to facilitate multiple set angles of the second ladder frame relative to the first ladder frame.

2. The modular housing system of claim 1, comprising four columns engaged to the respective corners of the first ladder frame.

3. The modular housing system of claim 1, wherein a first pair of columns has a first length and a second pair of columns has a second length, the first length being greater than the second length to enable the modular structure to have a tilted roof profile.

4. The modular housing system of claim 1, wherein the structural framework further comprises an external chassis having:

a lower member and an upper member defining a plane;

a further pair of columns engaged with each of the lower member and upper member to form a peripheral frame; and

a plurality of cross-beams perpendicularly bisecting the plane of the peripheral frame,

wherein the peripheral frame is disposed apart from the internal chassis by the plurality of cross-beams, thereby increasing the usable volume of the structural framework.

5. The modular housing system according to claim 1, wherein the structural framework further comprises:

an intermediary ladder frame, engaged with the plurality of columns and disposed between the first ladder frame and the second ladder frame.

6. The modular housing system according to claim 1, wherein at least two of the plurality of columns are extendable columns having an adjustable length.

7. A method of erecting a modular structure, the method comprising the steps:

(a) receiving a kit comprising a first ladder frame to which a plurality of columns is pivotably coupled and a second ladder frame at a site location, wherein at least two of the columns include an offset hinge arrangement for pivotal attachment of the second ladder frame thereto;

(b) engaging the first ladder frame with a ground surface to provide a base of the structure;

(c) rotating the plurality of columns from a transport position in which each column extends parallel to the first ladder frame to an operative position in which each column is substantially perpendicular to the first ladder frame; and

(d) raising the second ladder frame into position above the first ladder frame to provide a support for a roof of the structure and

(e) choosing a tilt angle of the roof by selecting one of two pivot points of the offset hinge arrangement to which the second ladder frame is pivotably connectable, the pivot points being offset from each other to facilitate multiple set angles of the second ladder frame relative to the first ladder frame.

8. The method of erecting a modular structure of claim 7, wherein at least two of the plurality of columns are extendable columns having an adjustable length, the method comprising the further step of:

(f) adjusting the length of the extendable columns to increase a usable volume of the modular structure.

9. A kit for forming a modular structure, comprising:

(i) a first ladder frame that defines a base of the modular structure;

(ii) a plurality of columns pivotably coupled to the first ladder frame; and

(iii) a second ladder frame configured to support a roof of the modular structure, the second ladder frame being pivotably attachable to the first ladder frame via the plurality of columns;

wherein each of the columns is rotatable between a transport position in which each column is substantially parallel to the first ladder frame and an operative position in which each column is substantially perpendicular to the first ladder frame, and

wherein at least two of the columns include an offset hinge arrangement for pivotal attachment of the second ladder frame thereto, the offset hinge arrangement comprising a choice of pivot points offset from each other to facilitate multiple set angles of the second ladder frame relative to the first ladder frame.

10. The kit of claim 9, wherein the plurality of columns comprises:

a first pair of columns pivotably coupled to corners of a first end of the first ladder frame; and

a second pair of columns pivotably coupled to corners of an opposing second end of the first ladder frame;

wherein the first pair of columns have a length greater than that of the second pair of columns, thereby providing the modular structure with a tilted roof profile.

11. The kit of claim 9, wherein at least two of the plurality of columns are extendable columns having an adjustable length.

12. The kit of claim 9, wherein when in the transport position, each of the columns is nested within a footprint of the first ladder frame.

13. The kit of claim 9, wherein the second ladder frame has the same external area as the first ladder frame.

14. The kit of claim 9, further comprising a pair of end frames configured to constrain the first and second ladder frames therebetween to facilitate transport thereof.

15. The kit of claim 14, wherein the pair of end frames comprise ISO corner castings, the pair of end frames having outer dimensions to match a standard ISO shipping container.

16. The kit of claim 14, wherein the pair of end frames are configured to be incorporated into the modular structure, providing structural support thereto.