Appendix C

Roof types and height variables in the OZFS data standard

The roof\_type variable in the OZFS \*.bldg file can take any of the following values:

* "flat": A flat roof with the same height across the entire structure.
* "skillion": A roof without a ridge that is higher on one side than the other.
* "mansard": A roof with two slopes on each of four sides.
* "hip": A roof with one slope on each of four sides.
* "gable": A roof with one slope on each of two opposite sides.
* "gambrel": A roof with two slopes on each of two opposite sides.

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The table below indicate which roof height variables must be defined for each of the above roof types.

| Roof type | height\_plate | height\_eave | height\_deck |
| --- | --- | --- | --- |
| flat | x |  |  |
| skillion | x | x |  |
| mansard | x | x | x |
| hip | x | x |  |
| gable | x | x |  |
| gambrel | x | x |  |