Appendix B

Variable names that may be included in OZFS expressions

The following variables names can be included in expressions within the constraints and definitions arrays of a \*.zoning file.

| Variable name | Unit of observation | Source for value |
| --- | --- | --- |
| bedrooms | Dwelling unit | Value for bedrooms key in the unit\_info array in the \*.bldg file. |
| bldg\_depth | Building | Value for depth key in the bldg\_info array in the \*.bldg file. |
| bldg\_width | Building | Value for width key in the bldg\_info array in the \*.bldg file. |
| far | Building/parcel | Floor area ratio calculated (with an appropriate unit conversion) from the sum of gross\_fl\_area values in the level\_info array in the \*.bldg file and the lot\_area value for the parcel centroid feature in the \*.parcel file. |
| fl\_area | Building | Sum of gross\_fl\_area values in the level\_info array in the \*.bldg file. |
| floors | Building | Number of floors in the building calculated as the maximum level value in the level\_info array in the \*.bldg file. |
| height | Building | Building height calculated from one or more of the height\_\* values in the bldg\_info array in the \*.bldg file, based on the height definitions specified in the \*.zoning file. |
| height\_deck | Building | Taken directly from the height\_deck value in the bldg\_info array in the \*.bldg file. |
| height\_eave | Building | Taken directly from the height\_eave value in the bldg\_info array in the \*.bldg file. |
| height\_plate | Building | Taken directly from the height\_plate value in the bldg\_info array in the \*.bldg file. |
| height\_top | Building | Taken directly from the height\_top value in the bldg\_info array in the \*.bldg file. |
| height\_tower | Building | Taken directly from the height\_tower value in the bldg\_info array in the \*.bldg file. |
| lot\_area | Parcel | Taken directly from the lot\_area value for the parcel centroid feature in the \*.parcel file. |
| lot\_depth | Parcel | Taken directly from the lot\_depth value for the parcel centroid feature in the \*.parcel file. |
| lot\_type | Parcel | Inferred based on whether any of the lot edges for a parcel in the \*.parcel file is classified as exterior side |
| lot\_width | Parcel | Taken directly from the lot\_width value for the parcel centroid feature in the \*.parcel file. |
| max\_unit\_size | Building | Calculated as the maximum fl\_area value in the unit\_info array in the \*.bldg file. |
| min\_unit\_size | Building | Calculated as the minimum fl\_area value in the unit\_info array in the \*.bldg file. |
| parking\_enclosed | Building | Taken directly from the parking value in the bldg\_info array in the \*.bldg file. |
| roof\_type | Building | Taken directly from the roof\_type value in hte building\_info array in the \*.bldg file. |
| total\_bedrooms | Building | Sum of values for the bedrooms key in the unit\_info array in the \*.bldg file. |
| total\_units | Building | Sum of values for the qty key in the unit\_info array in the \*.bldg file. |
| units\_0bed | Building | Sum of values for the qty key in the unit\_info array, for all units where the value for bedrooms is 0 in the \*.bldg file. |
| units\_1bed | Building | Sum of values for the qty key in the unit\_info array, for all units where the value for bedrooms is 1 in the \*.bldg file. |
| units\_2bed | Building | Sum of values for the qty key in the unit\_info array, for all units where the value for bedrooms is 2 in the \*.bldg file. |
| units\_3bed | Building | Sum of values for the qty key in the unit\_info array, for all units where the value for bedrooms is 3 in the \*.bldg file. |
| units\_4bed | Building | Sum of values for the qty key in the unit\_info array, for all units where the value for bedrooms is 4 or more in the \*.bldg file. |