CLAIMS

1. A connection structure of column and horizontal member, the connection structure comprising:

a plurality of columns;

a plurality of horizontal members each of which is disposed on an upper end surface of at least one of the plurality of columns; and

a plurality of connecting members each of which connects one of the plurality of columns and one of the plurality of horizontal members to each other,

the plurality of horizontal members including

a plurality of first beams forming an outer perimeter of a building, and

a plurality of second beams disposed in a region defined by the plurality of first beams,

each of the plurality of first beams being a continuous beam and disposed on upper end surface of at least one of the plurality of columns,

each of the plurality of second beams being a continuous beam and disposed on an upper end surface of at least one of the plurality of columns,

the connection structure further comprising a small beam extending over: one of the plurality of first beams and one of the plurality of second beams parallel to each other; or two of the plurality of second beams parallel to each other,

the plurality of connecting members including

a first connecting member that connects a first one column and a first one first beam, the first one column being one of the plurality of columns, the first one first beam being one of the plurality of first beams, and

a second connecting member that connects a second one column and a first one second beam, the second one column being one of the plurality of columns and being same as or different from the first one column, the first one second beam being one of the plurality of second beams,

the first connecting member having

a first attachment part facing a side surface of the first one column and attached to the side surface of the first one column,

a counter part provided to the at least one first attachment part and facing a lower surface of the first one first beam, and

a second attachment part provided to the counter part, facing an indoor side surface of the first one first beam, and attached to the indoor side surface of the first one first beam,

the second connecting member having

one first attachment part facing a side surface of the second one column and attached to the side surface of the second one column,

a counter part provided to the first attachment part of the second connecting member and facing a lower surface of the first one second beam, and

a pair of second attachment parts provided to the counter part of the second connecting member, facing a pair of side surfaces of the first one second beam, and attached to the pair of side surfaces of the first one second beam on a one-to-one basis,

a second one second beam being attached to a side surface of a second one first beam with a joint member, the second one first beam being one of the plurality of first beams and being same as or different from the first one first beam, the second one second beam being one of the plurality of second beams and being same as or different from the first one second beam,

the joint member having

a fixing part fixed to an indoor side surface of the second one first beam, and

a beam attachment part attached to a side surface of the second one second beam,

an end in a longitudinal direction of the small beam being connected to a side surface of a third one second beam with a small beam receiving member, the third one second beam being one of the plurality of second beams and being same as or different from the first one second beam and/or the second one second beam,

the small beam receiving member having

a fixing plate attached to the side surface of the third one second beam,

a backup plate receiving the small beam, and

a pair of attachment plates attached to side surfaces of the small beam.

2. The connection structure of claim 1, wherein

the first attachment part is orthogonal to the counter part.

3. The connection structure of claim 1 or 2, wherein

in each of the first connecting member and the second connecting member, the counter part is orthogonal to the second attachment part.

4. The connection structure of any one of claims 1 to 3, wherein

each of the plurality of columns is a first column,

the connection structure further comprises:

a second column taller than the first column, the second column being disposed to be apart from the first column;

a joint member attached to a side surface of the second column and supporting an end in a longitudinal direction of a third one first beam, the third one first beam being one of the plurality of first beams and being same as or different from the first one first beam and/or the second one first beam,

the second column has an outdoor-side surface flush with an outdoor-side surface of the third one first beam.