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| Primitive | Usage | Coordinate |
| Shallow plane | Ground | 0,0,0 or lower for convenience |
| 4 planes | Castle wall | (x,0,z), (x+width, 0, z),  ((x+width)/2),0,z), ((x+width)/2), 0, z+width) |
| 4 cylinders | Connect walls | For x : x and x+wall width  For z : z and z+wall width |
| 4 cones | Roof for cylinders | Same x, z values as cylinders but higher y values |
| 8 cylinders | Watch tower pillar | For x: wall.x ± some values  For z: wall.z ± some values |
| Top-cutted-pyramid | Semi-roof for watch tower | Center of 8 cylinders’ coordinates |
| Roof | Watch tower roof | Same as pyramids but higher y value |