



FORM AND SPACE

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CLASS: INTRO TO
ARCHITECTURE



FORMS DEFINING SPACE



HORIZONTAL
ELEMENTS
DEFINING SPACE

BASE PLANE



- This field of grass represents a base plane. Like the example shown in the book, the horizontal plane lying in the background makes a flat base.

ELEVATED BASE PLANE

- This butte in a desert, is an elevated base plane due to its tall height and flat surface. It establishes a space between the ground and the base of the butte.



DEPRESSED BASE PLANE



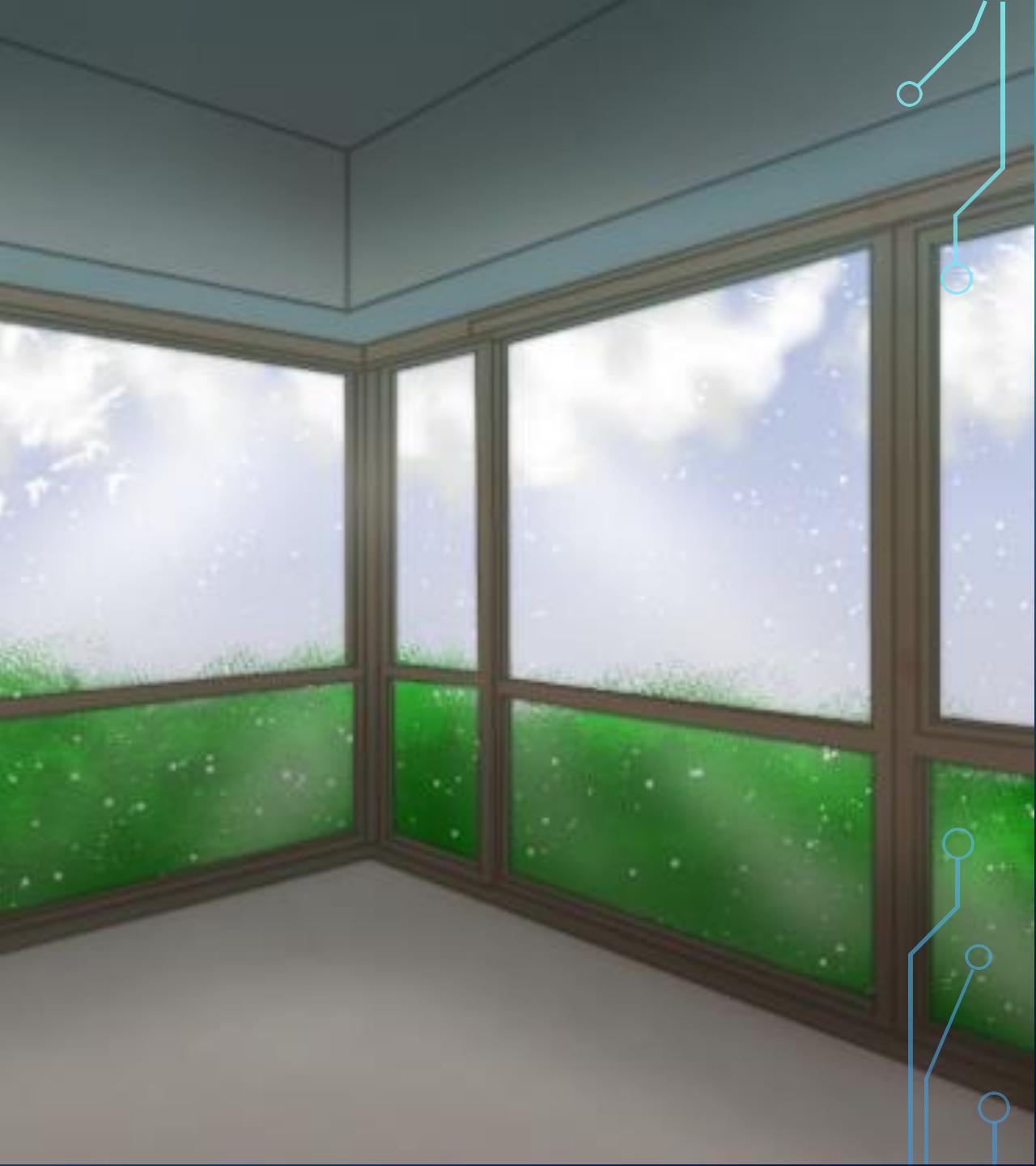
- The Grand Canyon is a brilliant example of a depressed base plane. The ground is depressed to create a lower base and define a volume of space.

OVERHEAD PLANE

- The tree in the savannah is an example of an overhead plane. The head of the tree covers a lot of ground and that defines a space between the tree and the ground.



VERTICAL ELEMENTS DEFINING SPACE



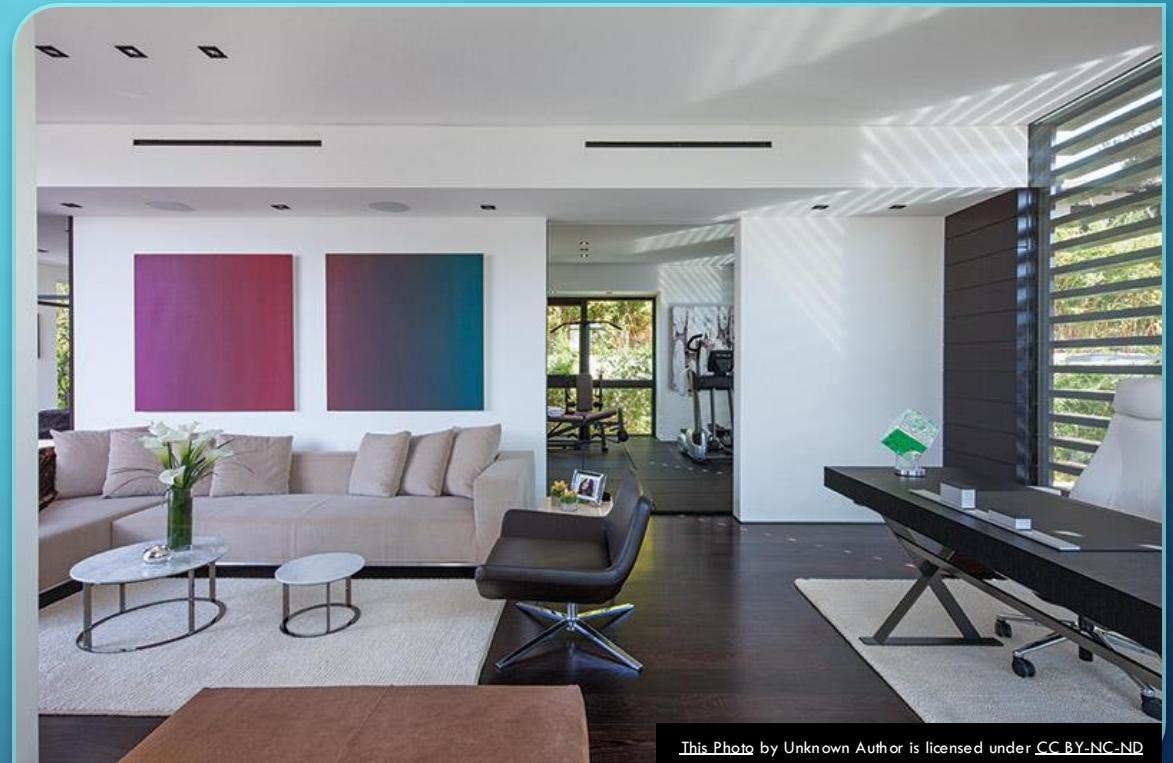
VERTICAL LINEAR ELEMENTS



- The columns in this photo indicate multiple points on the floor of that building. This is an example of vertical linear elements.

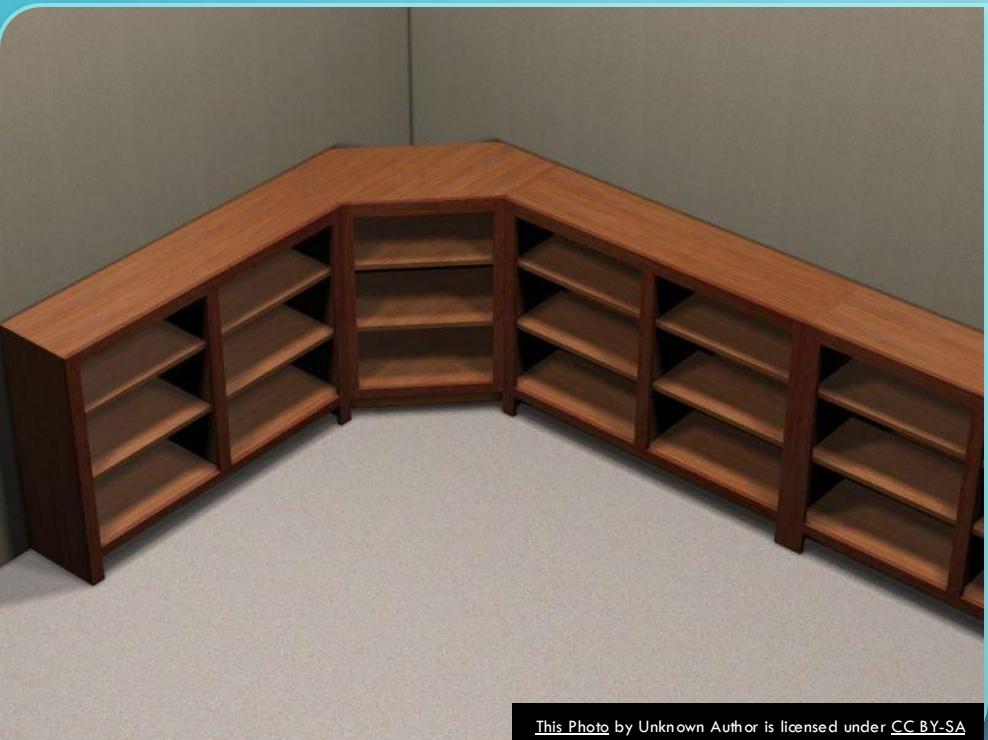
SINGLE VERTICAL PLANE

- In this picture, there is a wall (with two paintings) standing in the middle of the room. This wall is acting much like a column, but it is far much wider than a vertical linear element. This makes it a single vertical plane.



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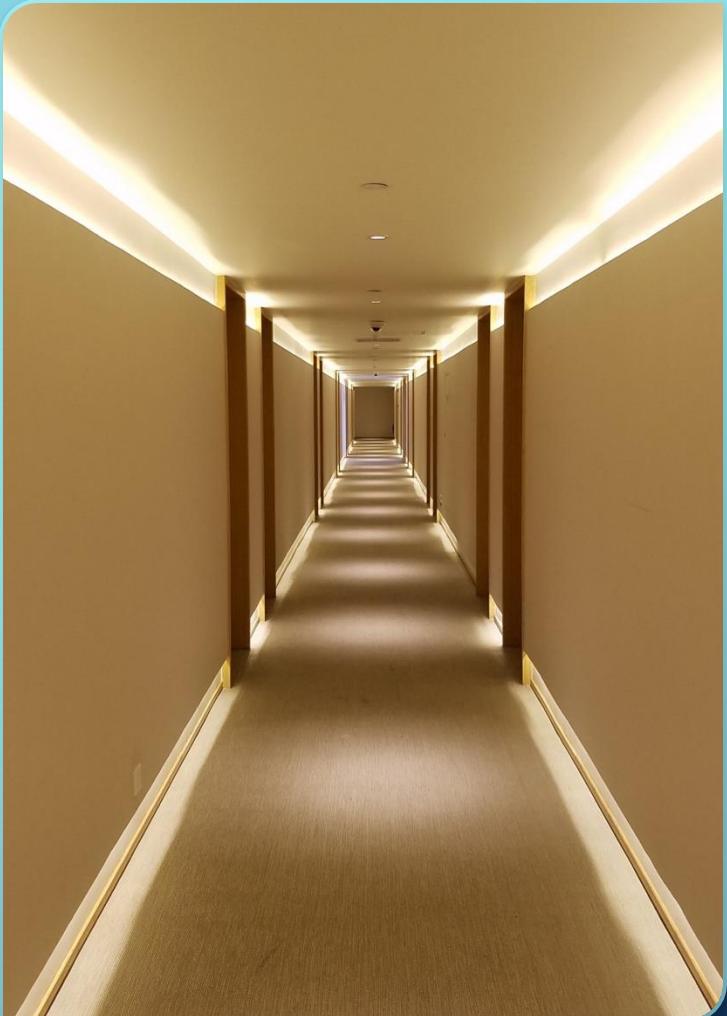
L-SHAPED CONFIGURATION OF PLANES



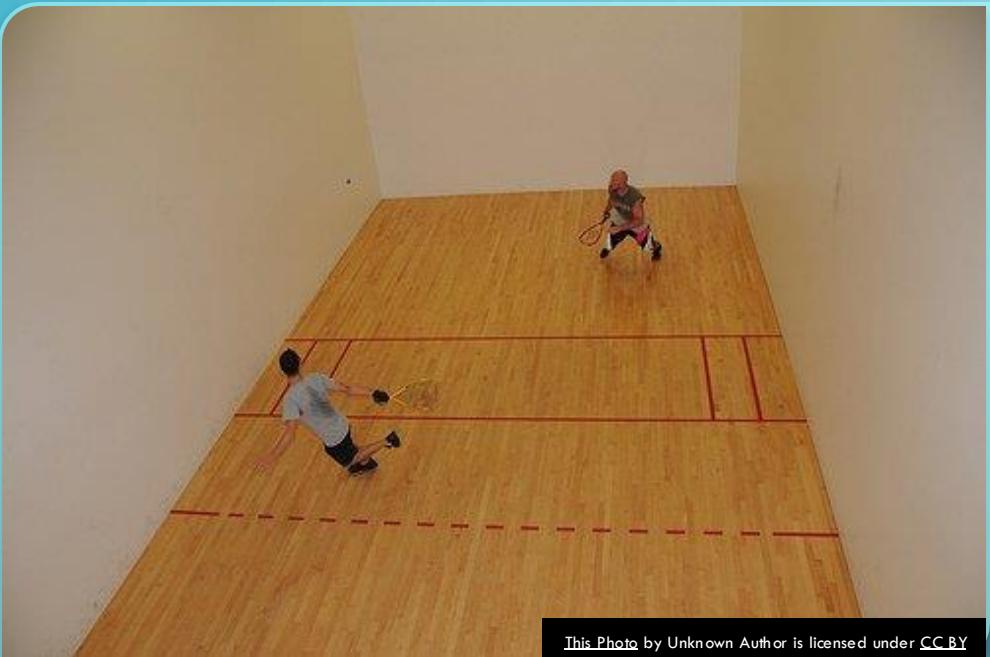
- Even though the bookcase is covering up the corner, there is an L-shaped configuration in this picture. The corner indicates a diagonal going toward the room.

PARALLEL VERTICAL PLANES

- Parallel Vertical Degrees define an amount of space in between two planes. Hallways are excellent examples of these vertical elements.



U-SHAPED PLANES



- U-shaped planes have an inward focus of space. A racquetball court has u-shaped planes.

FOUR PLANES: CLOSURE

- The courtyard on the right is an example of an enclosed space. All four walls are completely encasing the area.

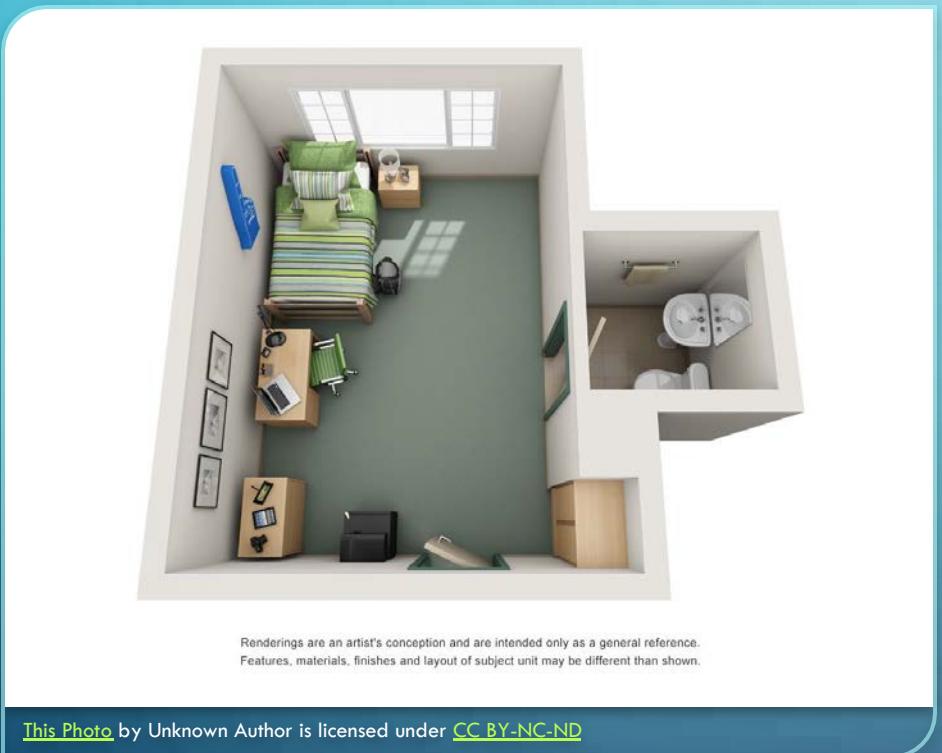


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QUALITIES OF ARCHITECTURAL SPACE

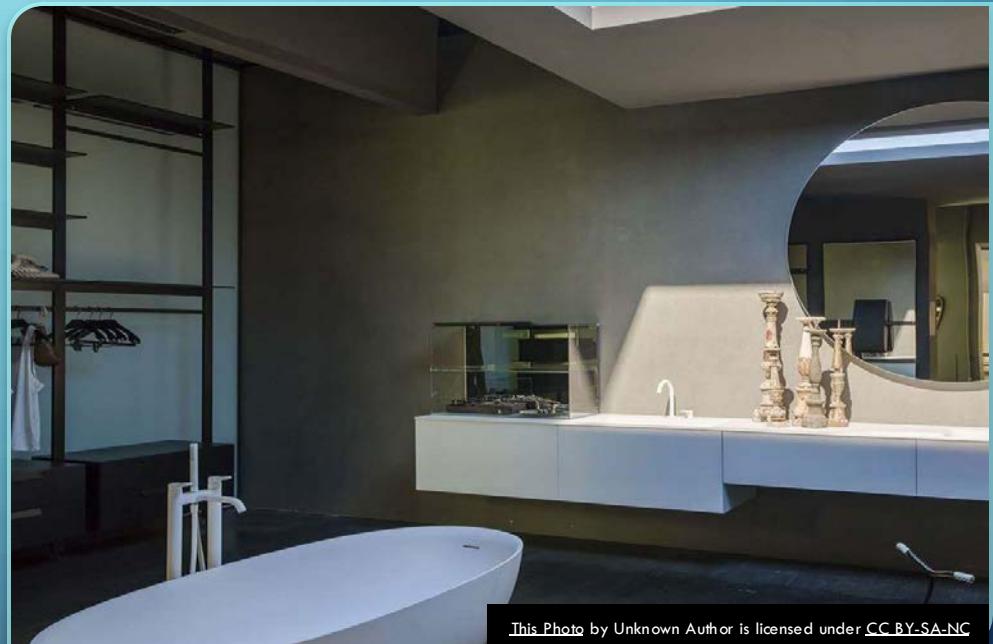
DEGREE OF ENCLOSURE



- The college dorm rendering on the right represents a degree of enclosure. There are a few openings on three sides of the room.

LIGHT

- When light hits a surface, its brightness is reflected off nearby surfaces. This skylight in a bathroom is a good example. It brings in natural light.



VIEW



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- A view is an important quality of architectural space. It adds a bit of focus to a room. The underwater view in this room is the latter's main focus.