

CIRCULATION

What is Circulation?

Movement through space

What is Circulation?

Since we move in **Time**
Through a **Sequence**
Of **Space**

Types of Circulation

Vertical

movement of a user in space vertically with increasing difference in level

Horizontal

movement of a user in space horizontally with increasing difference in distance

Circulation can be divided into

Approach

Entrance

Configuration of Path

Path-Space Relations

Form of Circulation Space

<https://whereisthenorth.com/types-of-circulation-in-architecture-with-examples/>

Circulation related to site analysis

- Pedestrian flow and approach into or out of a building
 - Vehicular circulation inside the building
 - Accessible pathways into the site
- The contours or topography inside that can affect the circulation in the site
 - Existing pathways or circulation in the site

Types of Circulation in Architecture

Approach

it's the path you take to reach the building

- Frontal
- Oblique
- Spiral

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Types of Circulation in Architecture

Approach

it's the path you take to reach the building

- Frontal



A simple and straight path that directly leads to the entrance of the building

Types of Circulation in Architecture

Approach

it's the path you take to reach the building

- Oblique



Prioritizes the experience of taking the path and can be redirected multiple times before reaching the building

Types of Circulation in Architecture

Approach

it's the path you take to reach the building

- Spiral



Highlights the three dimensional form of the building by making the user go around the building before they reach the entrance

Circulation can be divided into

Entrance

- Implied Plane
- Change in Level
- Wall Opening
 - i. flush
 - ii. projected
 - iii. recessed

Circulation can be divided into

Entrance

When you do not want the entrance to obstruct the view of the building, a symbolic representation of the entrance can be made

- Implied Plane



The example of an implied plane where they have neither compromised the entrance design or the view of the building itself

Circulation can be divided into

Entrance

A change in height of the plane can establish the idea of entrance into a difference space

- Change in Level



Circulation can be divided into

Entrance

Most times, punching a hole in the wall is enough to create an entrance. By penetrating a vertical plane wall, an entrance is created

- wall opening

flush



Surface continuity of the wall is maintained by creating the door thickness equal to that of the wall

Circulation can be divided into

Entrance

Most times, punching a hole in the wall is enough to create an entrance. By penetrating a vertical plane wall, an entrance is created

- Wall Opening

Projected



Creates a bolder statement by projecting the entrance to create a transitional space between the exterior and interior

Circulation can be divided into

Entrance

Most times, punching a hole in the wall is enough to create an entrance. By penetrating a vertical plane wall, an entrance is created

- Wall Opening

Recessed



The exterior space is taken further into the building a depression into the entrance

Circulation can be divided into

Configuration of Path

- Linear
- Radial
- Spiral
- Grid
- Network
- Composite

Circulation can be divided into

Configuration of Path

- Linear



It is primarily a straight path which then gets intersected and segmented based on the need-linear, curvilinear, segmented, branched, loop, etc.

Circulation can be divided into

Configuration of Path

- Radial



A single point from which paths are branched out in different directions and lengths

Circulation can be divided into

Configuration of Path

- Spiral



Originating from a single point, the spiral is a single path that revolves around the point and gradually keeps getting distant from the center

Circulation can be divided into

Configuration of Path

- Grid



Two sets of paths - vertical and horizontal, that intersect each other at regular intervals in grid-like pattern

Circulation can be divided into

Configuration of Path

- Network



Circulation can be divided into

Configuration of Path

- Composite

A combination of the above mentioned paths in any ratio forms a composite path

Circulation can be divided into

Path-Space Relations

- Pass By Space
- Pass Through Space
- Terminate in Space

Circulation can be divided into

Path-Space Relations

- Pass By Space

The path is central and the spaces are designed on either side of it



Circulation can be divided into

Path-Space Relations

- Pass Through Space

The path physically passes through and experiences each space before heading to the next one





Circulation can be divided into

Path-Space Relations

- Terminate in Space

The purpose of the path is to reach a particular space, where it ends



Circulation can be divided into

Form of Circulation Space

- Enclosed
- One Side Open
- Both Sides Open

Circulation can be divided into

Form of Circulation Space

- Enclosed

The path has vertical planes such as walls, doors or windows on both sides of the path



Circulation can be divided into

Form of Circulation Space

- One side open

The path contains an open space on one side such as balcony or gallery







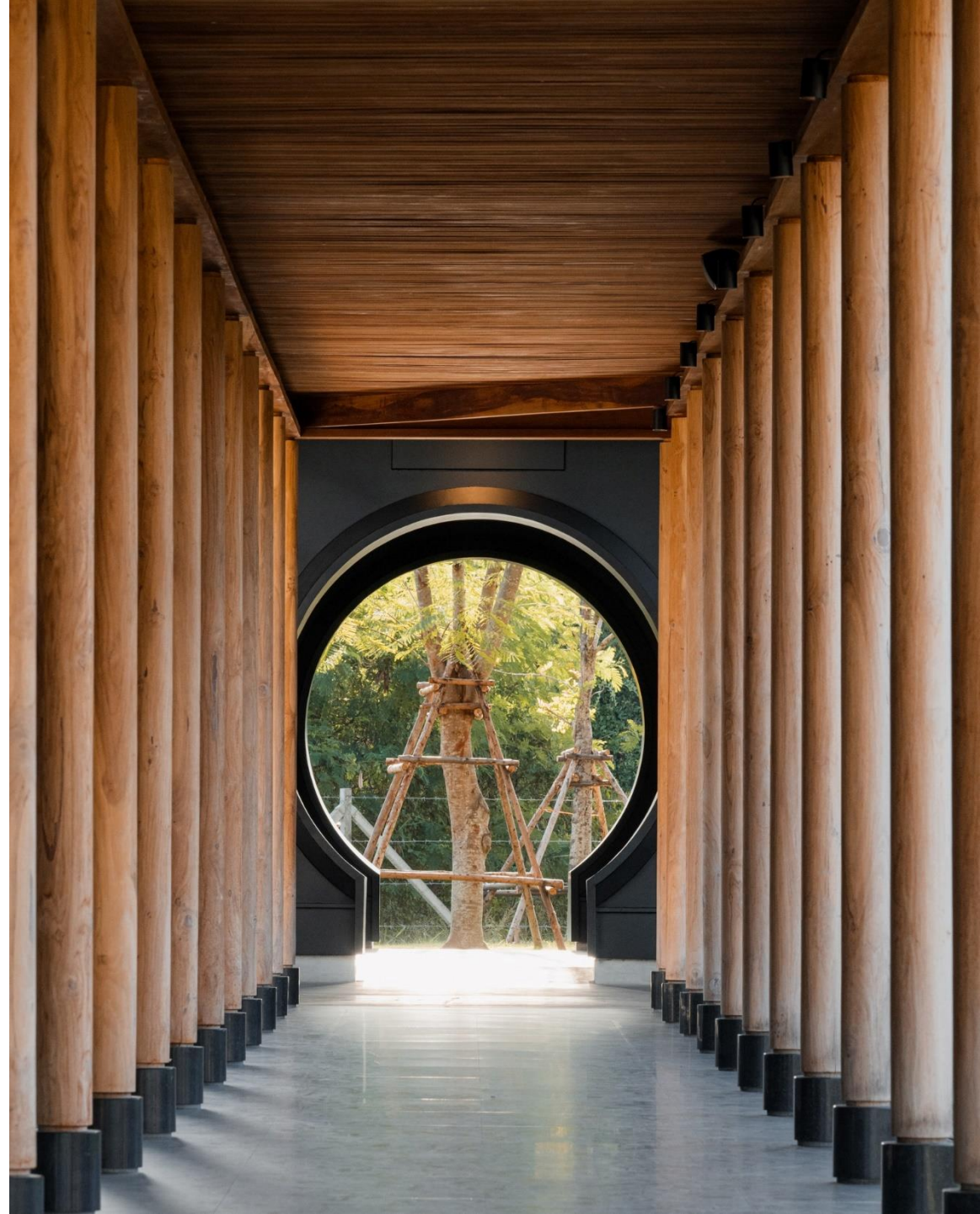
Circulation can be divided into

Form of Circulation Space

- Both sides open

The path is not blocked by any vertical planar element on either side







Neuroarchitecture / Neurourbanism

The cloud Home/social/เมืองเมือง