



Architectural Concepts Cheatsheet.

1.3 Site Physical Conditions

✓ Typography -

Terrain is significantly important in shaping architectural concepts.

○ Vernacular and Materials -

Architecture that responds to the local vernacular helps preserve the cultural identity of a place.

○ Physical Features (unique features) -

Distinctive physical features that are unique to a site can help create architectural marvels

○ Views -

Maximising viewpoints should be an important part of every architecture concept.

○ Opening Spaces -

Concepts centred around open spaces create a sense of community + promote interactions.

○ Adding & Subtracting -

Architecture is typically designed by the addition of mass, subtracting mass to create space could make for an intriguing architectural concept.

○ Grid structure -

Using an existing grid or creating a proposed grid can provide rules on which to start designing spaces and forms.

○ Structure -

Innovative structures can form an extraordinary architectural concept.

Notes -

Read the full guide [here](#).





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2.3 Site Climate Conditions

✓ Natural Light -

Maximising natural light is an essential focal point of all architectural design concepts. Natural light can influence spaces, orientation, views, heating and sustainability to name a few.

○ Noise -

Mitigating noise pollution can play more of an important role in architectural concepts depending on the site location and building occupation.

○ Wind -

Designs optimising wind patterns for natural ventilation and cooling improve architectural sustainability.

○ Shade -

Concepts emphasising shading techniques such as louvres and canopies can naturally control the temperature of a building in a sustainable method.

○ Orientation -

Optimal building orientation significantly impacts energy efficiency. Architectural concepts prioritising solar gain in winter and minimising heat gain in summer demonstrate sustainable design principles.

Notes -

Read the full guide [here](#).





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3.3 Site Social and Historical

✓ Historical Context -

Understanding historical contexts inspires architectural concepts. Concepts drawing from historical eras infuse designs with cultural significance and depth.

○ Accommodation -

Architectural concepts accommodating diverse needs define the buildings requirements and spatial needs.

○ Public and private space -

Balancing public and private retreats is pivotal, Architectural concepts that weave together these realms create cohesive environments promoting community and individuality..

○ Uses -

Some architectural design briefs call for versatile projects that are adaptable between work, leisure, or residential domains catering to diverse needs within a single architectural scheme.

○ Circulation & Movement -

Concepts prioritising fluid circulation amplifies functionality and inclusivity. Well design circulation can increase the user experience and should also consider the circulation and movement of the wider expanding context.

○ Cultural and Social Context -

History is written in architecture as it encapsulates the cultural values and technological achievements of a time and

Notes -

Read the full guide [here](#).

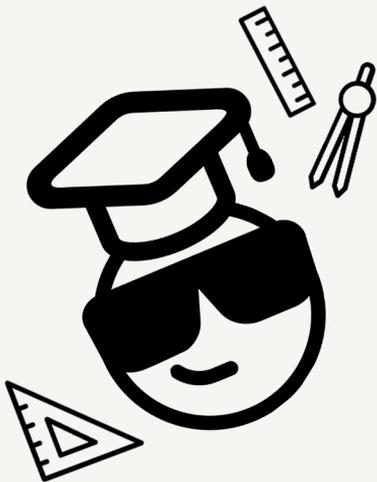




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