

## ‘Site Analysis’

*The rule of thumb for any analysis is to observe closely and be thorough*

### Stage I – Getting ready

*Objective: To become familiar with the Site before the actual visit*

Source	Work Activity	Outcome
From brief	Location map / Orientation / Wind directions / Adjacent land use / Access points / Nearby facilities / Social structure of locality / Other proposals or projects nearby and their effect on site	Helps to grasp features of the site. Will bring focus to the site visit
From brief/google map	Get key dimensions of the site. Any other specific parameter regarding the site with respect to your client profile	Future use projections, symbolic associations, <u>landscape requirements</u>
From site visit	Building zones / Topography / Orientation / Placement of utilities	Will influence site use and building character

### Stage II – Site Visit

*Objective: Re-check & gather more information. Experience site for sensory information.*

*Supporting tools: Camera, Notebook, Measuring tape*

Elements	Work Activity	Outcome
Location	Check: Site location details / Address / Landmarks / Road names / Access to site / Parking / Bus routes / Disabled access / <u>Dimensions of site</u>	Actual dimensions of site can differ from brief
Geology/ Soil	Check visually surface soil type - can be sand, clay, silt, rock, gravel etc.	Areas to fill / Value for landscape / Help in designing structure systems
Water	Check: Existing water bodies – sizes, capacity and purity / Surface drainage pattern – direction, areas of erosion	Water affects microclimate
Topography	Check: Topography / Landform pattern / Contours / Slopes. Take pictures for record	Circulation possibilities / Access points / <u>Optimal usage of site</u>
Climate/ Orientation	Check: Local microclimate / Wind directions / Sun angles / Temperature variations / Humidity variations / Dust / Smells / Sound levels	Helps in energy efficient design
Ecology	Identify: Dominant trees and plants – their location, species, spread, elevation, importance to site, support system needed. Mark open spaces. Take pictures	Visual relationships, Barriers / Viewpoints / Vistas / Focal points
Man Made structures	Locate existing buildings – their type, condition, current use. Mark location, capacity and condition of existing roads; paths; sewers; electricity/water/gas lines; fences; walls etc. Take pictures	Identify existing building style / Site usage / Service plans

### Stage III – Back to studio report

*Objective: Analyze and Synthesize the site notes and information collected*

Action	Work Activity	Outcome
Consolidate all information graphically on site plan	Synthesis will bring a sustainable relationship between building and the site. Reinforce / Amplify / Improve / Alter / Remove - the existing elements at the site	Starting point for environmental responsive Design.