



Seminar Two: Site Analysis

Artist: Sath



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By the end of today's seminar, you will be able to:

- List elements required to conduct a site analysis, both on site and online
- Carry out a brief site analysis in the field

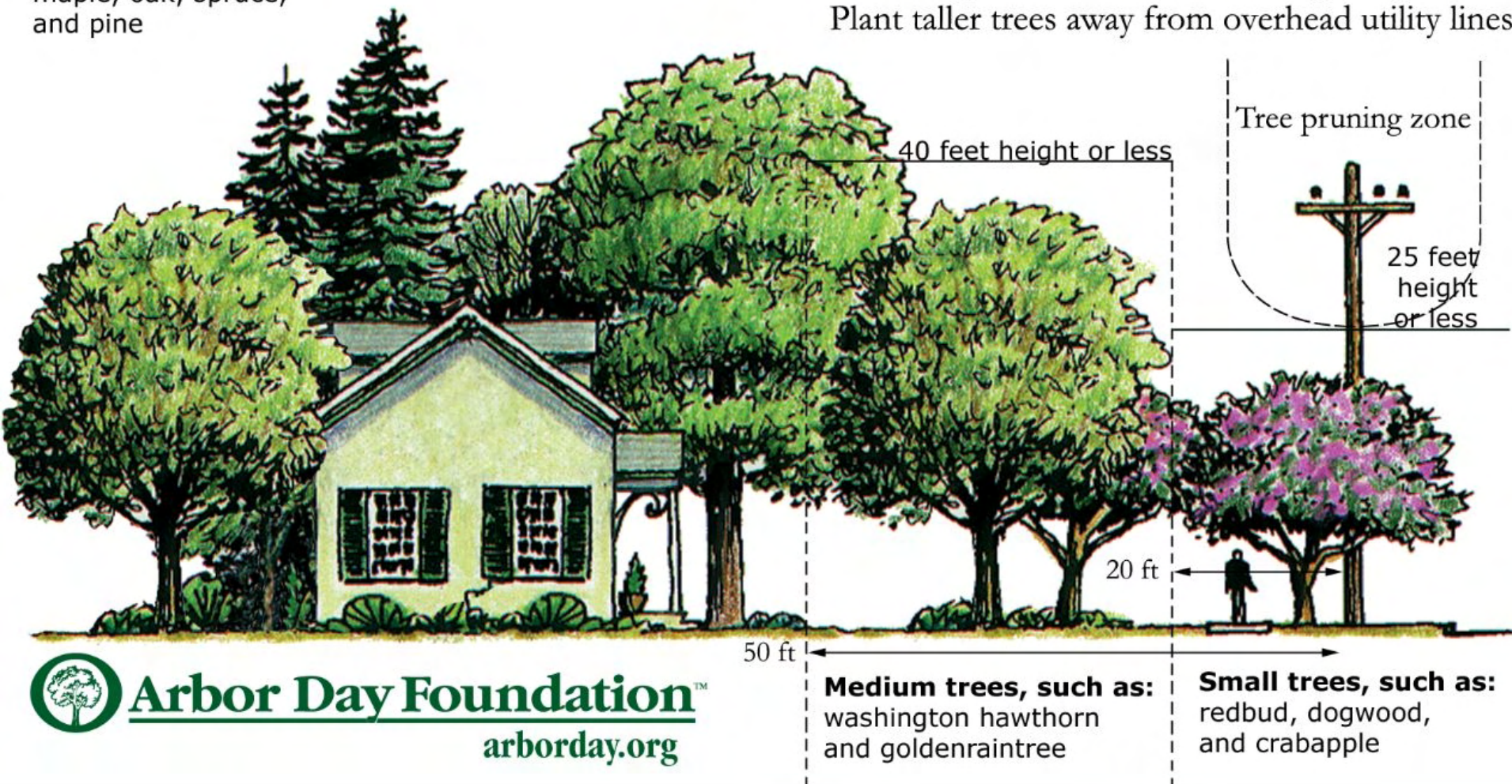


What is Site Analysis?
Why is it important

Tall trees, such as:
maple, oak, spruce,
and pine

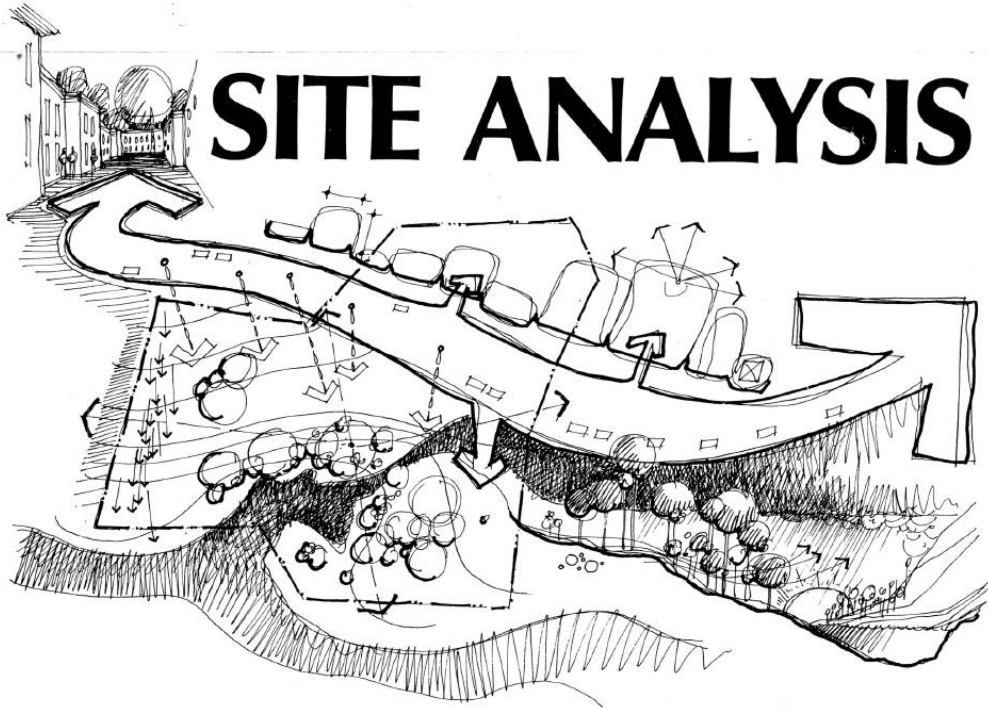
Plant the right tree in the right place

Plant taller trees away from overhead utility lines





SITE ANALYSIS

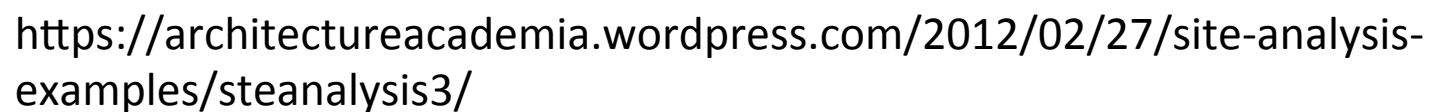


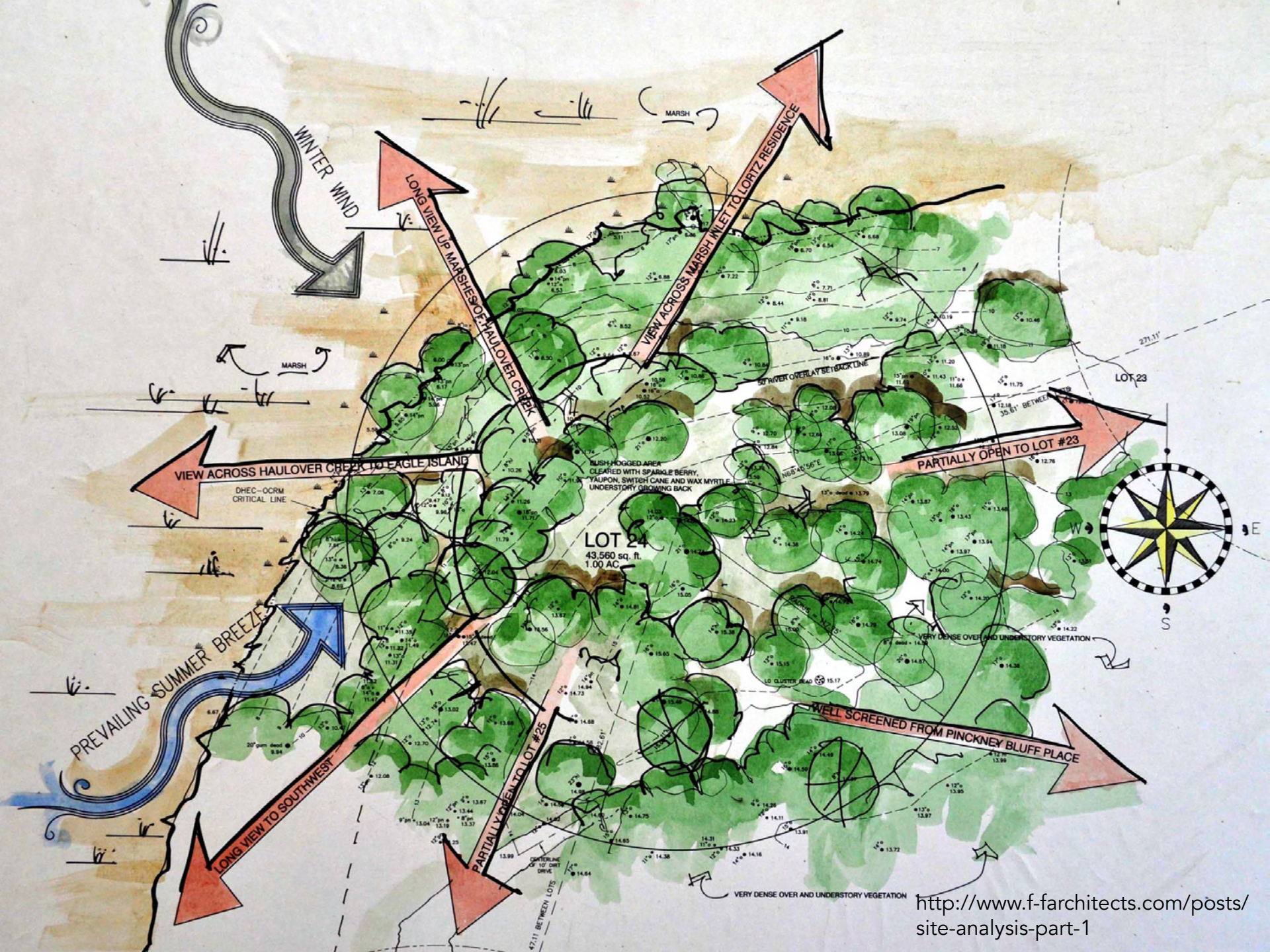
EDWARD T. WHITE

Source: White, E. (1983)

1. Location
2. Neighborhood Context
3. Size and Zoning
4. Legal
5. Natural Physical Features
6. Man-Made Features
7. Circulation
8. Utilities
9. Sensory
10. Human and Cultural
11. Climate

Adapted from: Site Analysis:
Diagramming Information for
Architectural Design, Architectural
Media, Florida.





QUALITY OF PUBLIC OPEN SPACE TOOL (P.O.S.T.)

- 1) Reference Number
- 2) Address
- 3) Area (hectares)
- 4) Postcode
- 5) Geocode X
Y
- 6) Year of Establishment of POS:

Activities

- 7) Type of usage (*tick all relevant*)
- Active-formal ☐ 1
- Active-informal ☐ 1
- Passive only ☐ 1 (*go to Q9*)
- 8) For what type of activities is the space designed? (*tick all relevant*)
- Tennis (grass/hard courts) ☐ 1
- Soccer ☐ 1
- Football ☐ 1
- Netball (grass/hard courts) ☐ 1
- Cricket ☐ 1
- Baseball ☐ 1
- Walking (only if paths) ☐ 1
- Cycling ☐ 1
- Fitness Circuit ☐ 1
- Basketball/Netball Hoops ☐ 1
- Hockey ☐ 1
- Athletics ☐ 1
- Rugby ☐ 1
- Children's playground ☐ 1
- Other ☐ 1

Environmental Quality

- 9) Is the POS on the beach/river foreshore?
- Yes ☐ 1 No ☐ 2
- 10) Are there water features within the POS?
- Yes ☐ 1 No ☐ 2 (*Go to Q13*)
- 11) Type of water feature (*tick all relevant*)
- Lake ☐ 1
- Pond ☐ 1
- Water Fountain ☐ 1
- Stream ☐ 1
- Other ☐

- 12) Estimate the percentage of the POS occupied by the water feature(s)? (*tick one*)
- Up to 25% ☐ 1
- 26% & up to 50% ☐ 2
- 51% -75% ☐ 3
- More than 75% ☐ 4

- 13) (a) Are there other aesthetic features in the POS?
- Yes ☐ 1 No ☐ 2 (*Go to Q14*)
- (b) Which of the following features are present? (*tick all relevant*)
- Statues ☐ 1
- Gazebos/Rotunda ☐ 1
- Sculptures ☐ 1
- Ducks/Swans ☐ 1
- Bridge ☐ 1
- Rocks ☐ 1
- Other ☐ 1

- 14) Are there trees in this POS?
- Yes ☐ 1 No ☐ 2 (*Go to Q18*)

- 15) Estimate the approximate number of trees present (*tick one*)
- 1 – 50 trees ☐ 1
- 50 – 100 trees ☐ 2
- More than 100 trees ☐ 3

- 16) Where are the trees placed? (*tick all relevant*)
- Perimeter all sides ☐ 1
- Perimeter some sides ☐ 1
- Along walking paths ☐ 1
- Random placement throughout ☐ 1
- Other ☐ 1

- 17) Are there gardens in this POS?
- Yes ☐ 1 No ☐ 2

- 18) (a) Are there walking paths or cycleways within or around the POS? (*tick all relevant*)
- Walking path/s ☐ 1
- Designated dual-use path/s ☐ 1
- None ☐ 1 (*Go to Q20*)

- (b) Shade along paths (*tick one*)
- Very good (canopies of many trees touch) ☐ 1
- Good (canopies of some trees touch) ☐ 2
- Medium (canopies don't touch but trees close together) ☐ 3
- Poor (canopies of trees don't touch and trees spread apart) ☐ 4
- Very poor (little or no shade) ☐ 5

- 19) Describe the placement of paths within the POS (*tick all relevant*)
- Perimeter, all sides ☐ 1
- Perimeter, some sides ☐ 1
- Diagonal ☐ 1
- Radial ☐ 1
- Path around water/visual feature ☐ 1
- Other ☐ 1

Resources:

<http://www.firstinarchitecture.co.uk/how-to-carry-out-the-best-site-analysis-in-the-class/>

faculty.ksu.edu.sa/selattar/Pages/**Site
%20Analysis%20Checklist**.htm