



N J SCHOOL OF ARCHITECTURE @ NJIT : SIENA SUMMER STUDY ABROAD PROGRAM

## URBANSPACE TYPOLOGIES/MATRIX

ARCHITECTURE IS THE MASTERLY, CORRECT AND MAGNIFICENT PLAY OF MASSES BROUGHT TOGETHER IN LIGHT. OUR EYES ARE MADE TO SEE FORMS IN LIGHT; LIGHT AND SHADE REVEAL THESE FORMS; CUBES, CONES, SPHERES, CYLINDERS OR PYRAMIDS ARE THE GREAT PRIMARY FORMS WHICH LIGHT REVEALS TO ADVANTAGE; THE IMAGE OF THESE IS DISTINCT AND TANGIBLE WITHIN US AND WITHOUT AMBIGUITY. IT IS FOR THAT REASON THAT THESE ARE BEAUTIFUL FORMS, THE MOST BEAUTIFUL FORMS. EVERYBODY IS AGREED AS TO THAT, THE CHILD, THE SAVAGE, AND THE METAPHYSICIAN. IT IS THE VERY NATURE OF THE PLASTIC ARTS.

**Le Corbusier** Towards a New Architecture 1923

### GRAPHICS/HISTORY PRECEDENT ASSIGNMENT 3

Locate the assigned building/space. You should all become familiar with the following urban spaces in Siena. Most but not all lie within the walls.

Locate the space. Prepare a ONE-page *analytique*. Analyze the physical characteristics and represent them in a coordinated series of orthogonal drawings. Communicate the graphically with minimal text. The Analytique is a beaux-arts method of **ANALYZING** a space or building **GRAPHICALLY** by showing the relationship among site plan, plan, section, elevation and detail. For examples of the analytique, or comparative, method, see Bannister Fletcher's *A History of Architecture*, and the examples below.

*Formal continuity in architecture relies on a connection between past models and present needs. One of the more compelling techniques is the Analytique method of graphically analyzing the organizing and formal principals a particular building or space. Using superimposed and overlapped measured drawings at multiple scales within a montage of text and perspective vignettes, the Analytique constructs a narrative, revealing the work's underlying order in ways purely visual representation cannot. It requires not only looking, but also analysis and comprehension.*

Your purpose is to understand the subject building or space graphically, and to communicate that understanding to others.

### REQUIREMENTS

- All drawings must be by hand on A3/11x17 sheets.
- All drawings must be from your own hand; they may be traced from drawings you research and from sketches you generate.
- Adjust the scale of each drawing to relate to the overall concept of the Analytique format.

**PRINCIPAL PLAN, SECTION & ELEVATION DRAWINGS MUST BE TO SCALE, AND RELATE GRAPHICALLY TO ONE ANOTHER.**

### PRINCIPAL DRAWINGS

*Principal Site Plan* This might be the obvious urban space either figural or phenomenally constituted;

*Principal Section(s)* The principal sections (including, but not limited, to cross-sections) usually indicate procession/movement.

*Principal Elevation(s)* The principal elevation will most likely be the edges of the space.

### SUPPLEMENTARY DRAWINGS

The following analytical diagram drawings required:

*Urban Context Plan* indicating figure/ground relationship to larger urban context

*Parti* including axial and/or non-axial relationships

*Frames* indicating solid + void/transparency + opacity

*Circulation* showing major + minor systems in relation to *parti*

*Enclosure* inside/outside

*Vignettes* perspective sketches illustrating major aspects of the space.

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**urban space typologies**

incroce = intersection

largo = lay-by/street enlargement

svincolo = wider way/street morph

fonte = fountains

piazza locale = local/residential square

piazza generale = civil/ecclesiastic/commercial square

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**urban space locations ...**

**Terzo di Camollia**

*Porta Camollia*

1. Anteporto di Camollia
2. Pza Matteotti
3. Pza Salimbeni
4. Pza Tolomei

*Fortezza/Stadio*

5. Pza Gramsci
6. Fontebranda
7. Pza IV Novembre

*Porta Ovile*

8. Pza Ovile
9. Fontenuova
10. Via dell'Abbadia

**Terzo di Città**

*Porta San Marco*

11. Prato di San Agostino
12. Sant' Agata/Porta San Guiseppe
13. Piano dei Mantellini
14. Pinacoteca Nazionale/San Pietro

**Terzo di San Martino**

*Porta Pispini*

15. Chiesa di S Maurizio in Spirito AND
  16. Chiesa di S Giorgio
  17. Pza Salvani Provenzano
  18. Pza Indipendenza
  19. Battistero
- Porta Romana*
20. Via di Roma (from via di montone to porta romana)
  21. Pza Manzoni/Basilica Sta Maria Servi
  22. Via San Girolamo AND
  23. Via San Martino
  24. Logge del Papa/Chiesa di S Martino
  25. Pza del Mercato

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**... and recorders**

01 PRINZIVALLI Onofrio

02 MASOTTI Jennifer

03 CHAN Cindy

04 LEADBEATER Brandan

05 EL-RAHEB Monica

06 BASKOUS Dena

07 BUTLER Cory

08 BRAND Christopher

09 CANZANI Christopher

10 LAMPEN Elizabeth

11 QUINTIN Ashton

12 SAA Fabian

13 CARRIERE Catherine

14 KANE Deborah

15 TAVERA Susana 16

17 CHEN Evangeline

18 TSAI Jay

19 PEIST Jason

20 TRIPODI Carmela

21 BRANDT Walter

22 AMELCHENKO Adam 23

24 PROL Josh

25 VIVINO Joseph

