



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

ANALYTIQUE

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 1

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.

Research, locate and visit the following buildings. Prepare a ONE-page **analytique**. Keep the text to a minimum; communicate graphically. The Analytique is a classic beaux-arts method of representing a work of architecture **ANALYTICALLY** by graphically showing the relationship among site plan, plan, section, elevation AND detail. For examples of the analytique, in the comparative method, see – but don't dwell on - Bannister Fletcher's *A History or Architecture*.

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

REQUIREMENTS

- All drawings must be hand-drawn in ink on A3/11x17 sheets.
- All drawings must be from your own hand; they may be traced from drawings you research or 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. Drawings will include:

PRINCIPAL DRAWINGS

Principal Plan This might be the ground floor or piano-nobile floor; it may also be a site plan; whichever, it is the plan that makes the *parti* manifest.

Principal Section(s) The principal section (often, but not always, a cross-section) is an equal manifestation of *parti*.

Principal Elevation(s) The principal elevation will most likely be the entry elevation.

SUPPLEMENTARY DRAWINGS

The following analytical diagram drawings required:

Site plan indicating figure/ground relationship to context, typically at a small scale, rendered abstractly

Parti including axial and/or non-axial relationships

frame indicating solid + void/transparency + opacity

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

enclosure inside/outside

Vignettes interior and exterior perspective sketches illustrating major aspects of the architectural promenade.

BUILDINGS AND SITES

Please choose one (1) example from each of the following typological categories: Before you make a move, please describe each typology in graphic and narrative form.

Precedent Assignment (PA) 1 | Palazzo Analytique

- ▶ Self-guided Field Trip: Villard Houses, E 50 St + Madison Ave NYC
- ▶ Self-guided Field Trip: Audubon Terrace, 155 St + Broadway NYC
- ▶ Self-guided Field Trip: The Newark Museum
- ▶ Self-guided Field Trip: City Hall, Paterson NJ
- ▶ Self-guided Field Trip: Federal Reserve Bank NYC (NOTE: everyone should visit, but drawing/photos are NOT allowed!)

Precedent Assignment (PA) 2 | Villa Analytique

- ▶ Self-guided Field Trip: The Vail Mansion, Morristown NJ
- ▶ Self-guided Field Trip: Morven, Princeton NJ
- ▶ Self-guided Field Trip: The Conservatory Garden Central Park E 103 + 5 ave NYC (where is the missing villa, or is it the Museum of the City of New York, shifted?)

Precedent Assignment (PA) 3 | Basilica Analytique:

- ▶ Self-guided Field Trip: The Newark Synagogue
- ▶ Self-guided Field Trip: St Bartholomew's Church, Park Ave NYC (latin cross christian church variation)
- ▶ Self-guided Field Trip: The Great Hall at Shepherd Hall, CCNY NYC (gothic revival academic variation)
- ▶ Self-guided Field Trip: The Steel Works, Harrison NJ (in demolition, be careful! but they are the purest basilican forms around.)

Precedent Assignment (PA) 4 | Ideal Church (Chiesa Ideale) Analytique:

- ▶ Self-guided Field Trip: Soldiers and Sailors Memorial, W 89 St + Riverside Dr NYC
- ▶ Self-guided Field Trip: St Paul's Chapel, Columbia University NYC
- ▶ Self-guided Field Trip: Low Library, Columbia University NYC

Precedent Assignment (PA) 5 | New City (Città Nuovo) Analytique:

- ▶ Self-guided Field Trip: Columbia University Main Campus NYC
- ▶ Self-guided Field Trip: Town Center, Ridgefield + Bloomfield Aves, Glen Ridge NJ
- ▶ Self-guided Field Trip: Town Center, Harrison Ave, Harrison NJ
- ▶ Self-guided Field Trip: The Ideal City Museo Nazionale della Scienza e della Tecnologia "Leonardo da Vinci" - HOC | Politecnico di Milano www.museoscienza.org/idealcity
- ▶

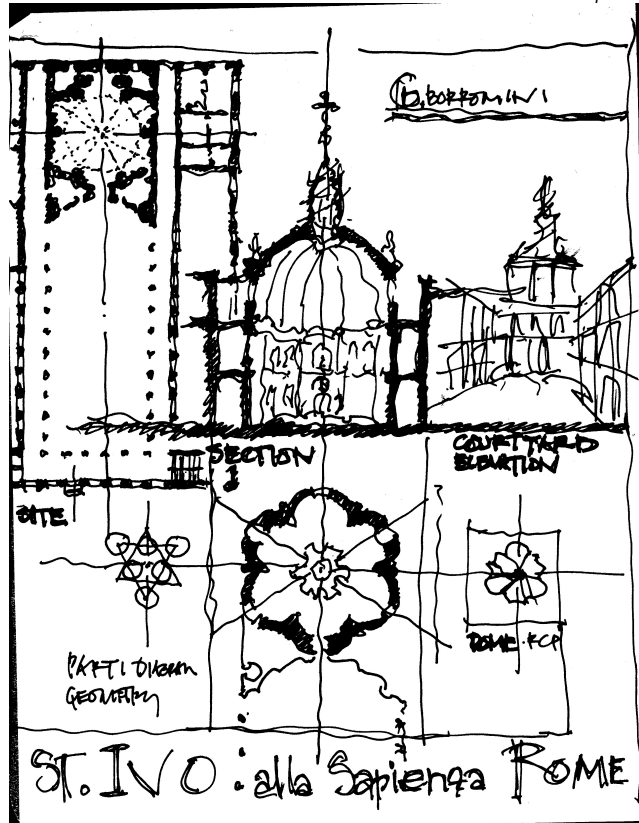


La Città Nuova

scuola Piero della Francesca



Field Sketch St Ivo alla Sapienza



Porta Romana Analytique Tara Siegel 2002