Project 3: drawing matrix (from object)

source/site: Your chipboard object based on the photocopy of Rietveld's Schroder House

challenge: Construct a drawing possessing not less than 4 sectional cuts through and/or in front of the object. Construct the individual drawing frameworks using three different techniques: scans of pencil drawings on trace, direct scans of the model and Rhino 2-D drawings. The final matrix will be assemble in the computer and plotted as a single print. The composition must reinforce the logical relationships between the separate cuts. Construction lines must be used to explicate the relationships. The composition should reveal salient features of your model.

rules: 1. One cut must be vertical (section), one horizontal (plan), and one the elevation from the photograph.

2. Cut views should primarily be at 90 degree angles to the dominant axes of your object. Include both sectioned and elevational information.

3. The scale is one to one. Be as accurate as possible. Note: A section through 1/32" chipboard should be two lines, not one. All section drawings should contain both the sectioned information, and the elevation information.

4. Final drawing/plot should contain both construction lines and final linework. Linework precision and relationship between the scans, digital and physical drawings is to be emphasized. The scans of the model must be overlayed with linework.

materials: -hardline pencil, scans, and plotter

assigned date: Thur Feb. 25 In class assignment: draw one section
Tues Mar 1: Due: 2 pencil drawings, model scans and sketch of matrix
Thur Mar 3: In class Rhino tutorial

due date: Thur Mar 10: Mid-Review: Object and Drawings

Readings: Evans, Robin. Translations from Drawing to Building, AA Files no. 12, (Summer 1986).

Rhino Software Tutorial:

General:
http://lynda.princeton.edu

Architectural Specific:
http://taubmancollege.umich.edu/resources/technology/tutorials/rhino