

**Broward Community College**  
Department of Architecture and Design

Robert E. Burghardt, Architectural Lecturer  
2005-2006 Fall Semester

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| <b>Matrix Construct Part One</b> |
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**Assignment Due:**      **Tuesday, August 30, 2005**

**Intent:**                      The purpose of this exercise is to identify and analyze major contextual elements that create patterns and to develop a two-dimensional matrix from the relationships found.

**Assignment:**

1.      Draw the plan of the ground level of the area between the two buildings of BCC Downtown Center (Buildings 31 and 33). The Plan should show streets, walkways, planters, parking, and curb cuts. The plan should also include the ground level doors, glass, windows and solid walls of the buildings. This should be drawn very professionally as if working for a firm.
  
2.      Connect building elements between both buildings. Create a pattern by identifying repeating spacing or extend the repetition of lines or shapes derived from the crossing of lines that connect the building elements. You may turn them 45 degrees to have them parallel or perpendicular to each building.
  
3.      Derive a 2-dimensional design matrix in the x-axis and y-axis that has compositional merit. This design matrix must have repetition and must be obvious where it was derived from.
  
4.      *Drawing must be completed on 11"x17" mylar or vellum with ink.*