

# 'concept'

IS THE 'ESSENCE' OF THE BUILDING. DETERMINED BY RIDDING YOURSELF OF PRECONCEPTIONS AND REDEFINING THE PHYSICAL REALITY OF THE BUILDINGS PURPOSE.

ALL BUILDING TYPES HAVE AN INHERENT PURPOSE. THAT PURPOSE, ABSTRACTED, SIMPLIFIED, AND RESTATED IN TERMS OF MAN IS AN INHERENT CONCEPT FOR THAT BUILDING TYPE.

IS AN OVERALL IDEA WHICH INFLUENCES THE RESPONSE OF EACH DESIGN ISSUE TO THE BUILDING.

ARE SOMETIMES FOUND BY READING CASE STUDIES AND BEING AWARE OF DESIGN ISSUES THAT ARE COMMON TO EACH OF THOSE STUDIES. THESE ISSUES, BEING COMMON TO MOST OF THE CASE STUDIES, BECOME IMPORTANT ISSUES/CONCEPTS.

ARE FOUND BY EVALUATING THE ABSTRACTED PURPOSE OF THE BUILDING AGAINST HISTORICAL EXAMPLES OF THAT BUILDING TYPE, THE DESIGN PROGRAM FOR YOUR PARTICULAR BUILDING, AND THE SITE FOR YOUR BUILDING. IN DIFFERENT CASES, ONE OF THESE MAY SURFACE TO BECOME THE MOST IMPORTANT CONCEPT/TOPIC WHICH WILL AFFECT EACH DESIGN ISSUE.

IF ONE OF THE FOLLOWING: PURPOSE, PROGRAM, SITE, OR SOCIETY, DOES NOT SURFACE AS MOST IMPORTANT, THEN MAKING ONE MOST IMPORTANT MAY GIVE DIRECTION TO THE CONCEPT.

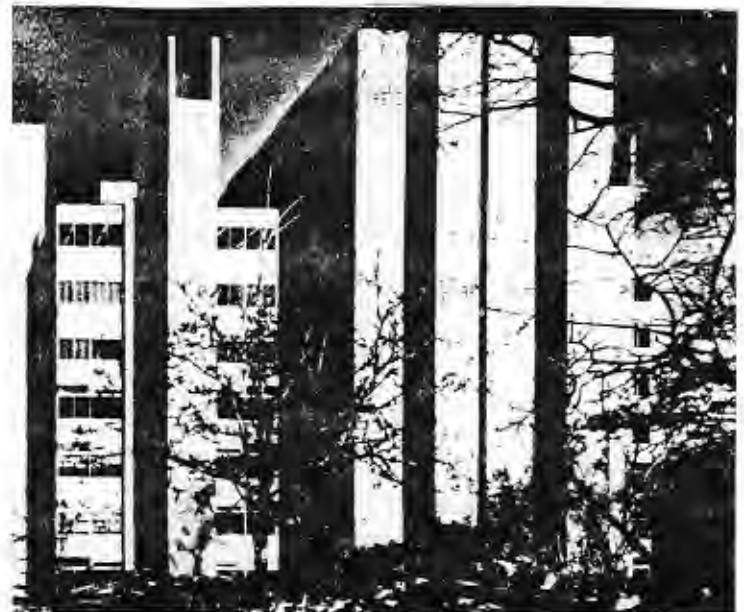
MAY BE STATED IN A DIAGRAM AS WELL AS IN WORDS.

Handwritten notes and diagrams illustrating the design concept for the Richards Research Building. The notes are written in black ink on a white background. At the top left, the word "Concept" is written in a box. Below it, the word "HEAT" is written in large letters. The notes are organized into several bullet points, each accompanied by a small diagram or sketch. The diagrams include a cross-section of a column, a plan view of a column, and a section of a building facade. The notes describe the design of the column and the air flow around it, emphasizing the concept of "HEAT" and the need for a "fume hood exhaust" to accumulate on the column's ascent. A callout box at the bottom right of the notes states: "From this comes the design of the area around the column -".

Concept

HEAT

- The piping remains constant as they rise upward.
- The air supply gets smaller as it rises.
- The air return may be wasted! if not (the air return gets larger as it returns).
- The fume hood exhaust accumulates on its ascent.
- The column gets smaller as it rises.
- From this comes the design of the area around the column -



RICHARDS RESEARCH BUILDING  
PHILADELPHIA, PA. 1957-64