

Arch. 100.

WEEK 4

4. Oct. 16. 78

lecturer. C. Alexander. - DESIGN PROCESS -

1ST OF SERIES OF THREE LECTURES ADDRESSING
THREE BASIC QUESTIONS:



- IT IS UNDERSTOOD THAT MOST PATTERNS ARE
NOT GOOD OR NOT HEALTHY ONES.

1. DISCOVERY OF PATTERNS WHICH MAKE
SENSE.

2. IN A WELL FORMED ENVIRONMENT ALL PEOPLE
IN SOCIETY SHAPING PARTS OF THE ENV.
FOR THEMSELVES.

Reason: Since conditions at every pt. in the world
are different → people who control the form of
the ENV. are those who have an intimate
understanding of it. They are the users of
the specific environment. (this is true in traditional
societies.)

3. THE ACT OF DESIGN ITSELF

UNDER CONDITIONS WHEREBY ARCHITECTS AND
PLANNERS ARE SHAPING THE ENVIRONMENT
IT IS NOT NECESSARY FOR THEM TO PAY
ATTENTION TO THE PROCESS ITSELF IN
ITS GENERATIVE ASPECTS.

HOWEVER IN THE CASE WHERE MILLIONS OF PEOPLE ARE SHAPING THEIR OWN ENVIRONMENTS, IT BECOMES IMPORTANT THAT THEY ARE ABLE TO USE THE PATTERNS CLEARLY, SWIFTLY IN A WAY FOR IT TO WORK.

→ I. FOUND NEW BETTER PATTERNS.

II. HOW COULD THEY BE APPLIED IN A FUNCTIONAL PROCESS.

III. HOW DO YOU INSTITUTIONALIZE THEM SO THAT IT HAPPENS ON A LARGE SCALE.

THIS LECTURE WILL DESCRIBE THEIR EFFORT...

≈ IN THE ~~7~~ PAST YEARS THESE QUESTIONS WERE VERY IMPORTANT. ≈ ~~1964/1965~~

MULTI-SERVICE CENTER (1967)

USING ABOUT 60 PATTERNS.

≈ IS IT POSSIBLE TO FIT PATTERNS IN A SEQUENCE THAT WILL ALLOW PEOPLE TO PRODUCE A STRUCTURE.

→ LAY PEOPLE DRAWING HOUSE PLANS OF HOUSES BASED ON A SERIES OF 40 PATTERNS. (SLIDES.) AFTER 1 HR. ~~THE~~ EXTREME LEVEL OF FEELING.

→ THE PROFESSIONALS DID NOT APPROVE OF THE USERS MAKING THEIR OWN HOUSES.

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USER PARTICIPATION, MEANS TODAY THAT THE ARCHITECT TALKS TO THE CLIENTS.

THE IDEA THAT PEOPLE COULD SHAPE THE ENVIRONMENT AROUND THEM IS FUNDAMENTAL IS NOT YET ACCEPTED.

PSYCHIATRIC CLINIC.

→ MADE UP SPECIFIC PATTERNS WHICH DESCRIBE THE PROGRAM OF THE CLINIC.

→ THE PATTERNS DESCRIBED THE WHOLE WAY OF LIFE IN THAT PARTICULAR PLACE.

→ DETAILED DESCRIPTION OF THE APPLICATION OF THE PATTERNS - INTERESTING BUT WE HAD DONE ALREADY IN 201.

→ SLIDES.

→ EVERYTHING UP TO THAT POINT WAS SUCCESSFUL.

AT THAT TIME - THE CONSTRUCTION PROCEDURE WAS NOT IMPORTANT.

→ THE FINAL BUILDING IS "NICE" BUT DOES NOT

→ MANIA OF STRIGHTENING EVERYTHING OUT SCREWED UP THE ORIGINAL

→ UNLESS ONE HAD A CONSTRUCTION PROCESS WHICH HELD ON TO THE INTEGRITY OF THE ORIGINAL LAID OUT PLAN... AND TREATING IT WITH SUBTLETY, GENTELNESS. RESPECT AND OWN BEATY OF DETAILING DURING CONSTRUCTION TO COME OUT...

→ DURING 5-6 YEARS PERIOD - OTHER QUESTIONS CAME OUT.

DEFINED A PROCESS WHERE BY ANYONE COULD LAY - OUT A BUILDING ~~FOR~~ ACCORDING TO THE PATTERNS.

rec. HOWARD DAVIS.

- OREGON EXPERIMENT -

→ LAST LECTURE WE SAW HOW A GROUP OF USERS WERE ABLE TO GENERATE A DESIGN OUT OF PATTERNS.

→ EXTEND THIS TO A LARGE GROUP OF USERS. A NEIGHBORHOOD OR TOWN OF 100,000 PEOPLE.

→ NOT DESIRABLE + POSSIBLE FOR ALL PEOPLE TO ALL GO OUT AND DECIDE ON THE SITE.
BECAUSE THEY LIVE IN DIFFERENT PLACES SO THEY KNOW THEIR OWN AREA BETTER.

- HOW IS IT POSSIBLE FOR EACH PERSON TO KNOW WHAT IS NEEDED IN PARTICULAR AREA.

- HOW WILL ALL THESE ACTS COME TO ORDER AS A WHOLE.

RESPONSE OF MODERN ARCHITECTURE TO LARGE SCALE ORDER AND LARGE NUMBERS OF PEOPLE.

① → TURNED IT INTO ONE OF CONTROL. URBAN DESIGN GIVES CONTROL TO FEWER PEOPLE.

② → STANDARDIZATION OF COMPONENTS. CONTROL OF ELEMENTS (SIZE, SHAPE, MATERIALS ...)

③ → MASTER PLANNING.
CONTROL OVER MAJOR DECISIONS.

HISTORICALLY THIS WAS NOT SO.

EXAMPLES ① CHARTRES CATHEDRAL - BUILT BY MANY PEOPLE BUT WITH VARIOUS DEGREES OF CONTROL.

② SIENNA - PEOPLE WENT AROUND AND MADE DECISIONS ABOUT THE TOWN FABRIC AND WHAT NEEDS TO BE CHANGED.

③ AS RECENT AS 19TH CENTURY ENGLAND, USERS WERE ~~NOT~~ MAKING DECISIONS...

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(TODAY'S TOPIC WILL ADDRESS):

QUESTION OF THE MASTER PLAN.

- WHAT IS WRONG WITH IT?

- HOW USERS CAN MAKE DECISIONS AND BRING THE WHOLE CITY INTO ORDER.

◆ MASTER PLANS ARE PLANS OF THE FUTURE. THEY RESULT IN: ① TOTALITARIAN ORDER. ALL BUILDINGS HAVE TO FIT IN EACH PLACE. → ② CHAOS.

◆ THE IDEA OF REPAIR.

IN A TOWN THE ESSENCE IS A COMMUNITY WHAT DOES IT TAKE TO GIVE THE PEOPLE THAT SENSE OF COMMUNITY.

EXAMPLE: A ~~HOUSE~~ STREET FORMED BY A SERIES OF BUILDINGS.

THE HOUSE ON THE STREET COULD HELP THE LARGER LEVEL OF THE STREET.

THE IDEA OF REPAIR THAT A PROJECT COULD CONTRIBUTE AND HELP THE OVERALL GENERAL STRUCTURE AND AT THE SAME TIME BE WHOLE IN ITSELF.

THE OREGON EXPERIMENT:

→ THE CENTER OFFERED A DOCUMENT INSTEAD OF A CONVENTIONAL MASTER PLAN.

→ WHAT ARE THE CONTENTS OF THIS DOCUMENTS:

1. THE LOCAL ACTS OF CONSTRUCTIONS GUIDING THE WHOLE
2. THE USERS DECIDE ON THE WHOLE.
3. PECEMEAL GROWTH. A CERTAIN RATE AT WHICH THE ENVIRONMENT HAS TO GROW
 - RATE OF MONEY TO BE PUT IN A CERTAIN PLACE
 - DISTRIBUTION OF MONEY IN THE AREA.

TWO WAYS OF DOING IT:

1. DISTRIBUTE LUMP SUM MONEY FOR LARGE FINISHED BUILDINGS.

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2. SEVERAL SMALLER SIZE BUILDINGS SCATTERED OVER THE WHOLE.

3. 1. LARGE PROJECTS COSTING — \$
2. FIVE SMALLER PROJECTS LESS \$

3. 10. SMALLER 4 even less \$

4. DISTRIBUTION OF FUNDS WEIGHTED TOWARDS SMALLER PROJECTS.

5. A COMMON PATTERN LANGUAGE SHARED BY THE WHOLE COMMUNITY.
IN OREGON - A PATTERN LANGUAGE IS MAINTAINED AND UPDATED PERIODICALLY.

6. DIAGNOSIS OF PHYSICAL SITUATION OF THE AREA IN THE FORM OF MAPS.
EVERY YEAR - A NEW MAP IS MADE.

USERS SUBMIT THEIR SUGGESTIONS TO HELP BRING THE AREA IN ORDER.

SOME AREAS NEED REPAIR
" ARE O.K. &
" " " " " "

DIFFERENT THAN MASTER PLAN.

THERE IS A NEW ATTITUDE IN U. of OREGON.

① 4 EXAMPLES SLIDES IN OREGON... OF

② LEGISLATURE ~~ARE~~ ^{IS} GOING TO GIVE U. of O.
1% OF TOTAL VALUES OF THE BUILDINGS.