

PEDAGOGICAL THEORY



CONVENTIONAL EDUCATIONAL ENVIRONMENTS



DESIGN STUDIO

CREATIVE ENVIRONMENTS

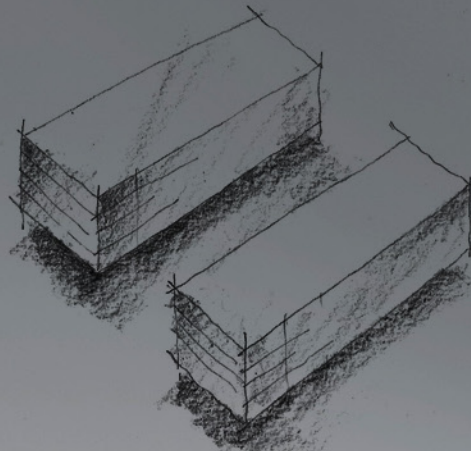


START UP INCUBATOR

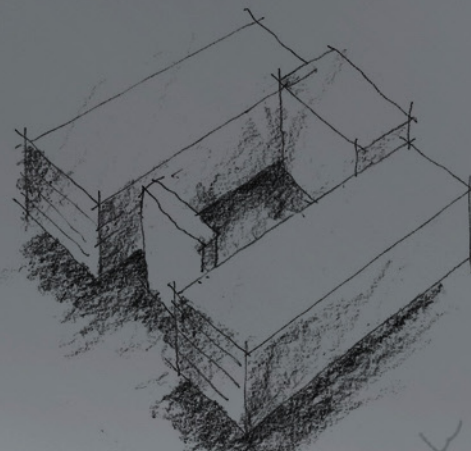


LANEWAY

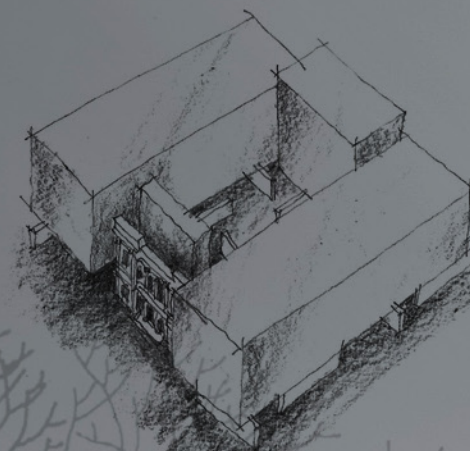
BUILDING PROPOSITION | THE LEARNING WAREHOUSE BUILT



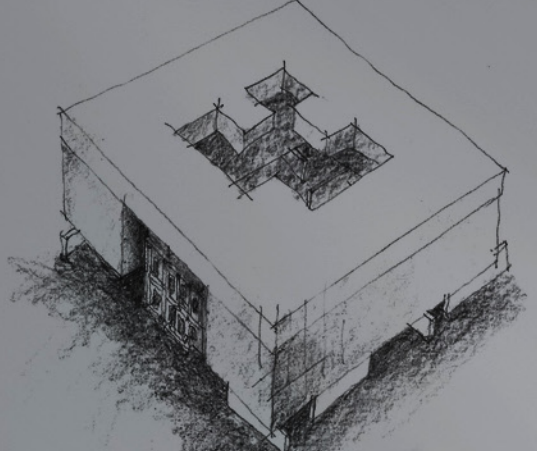
2 parallel, rectilinear wings with a void between.



service linkages at each end

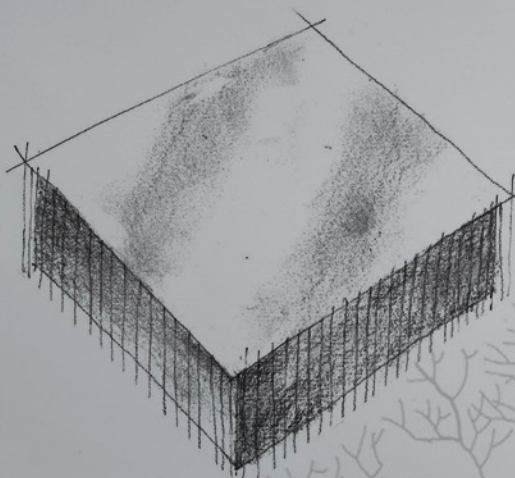


a ground floor plane with containing halls describing public spaces with a place for the heritage facade

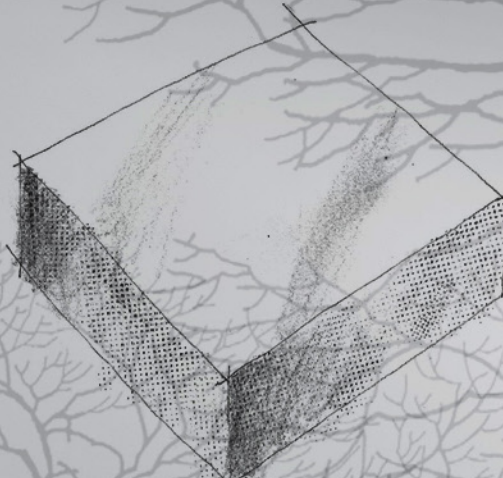


an enveloping upper level

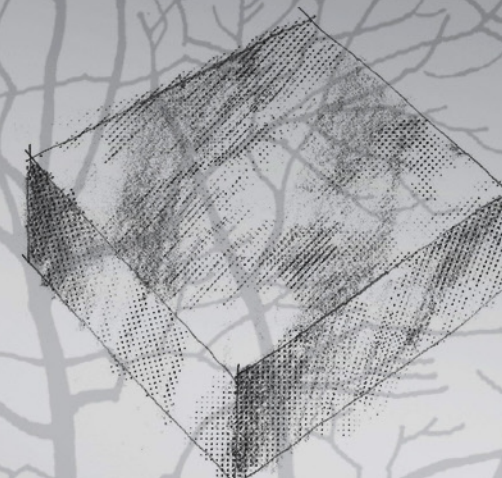
IMAGE + EXPRESSION | CLOTHING THE WAREHOUSE WITH AN ENVIRONMENTAL SKIN



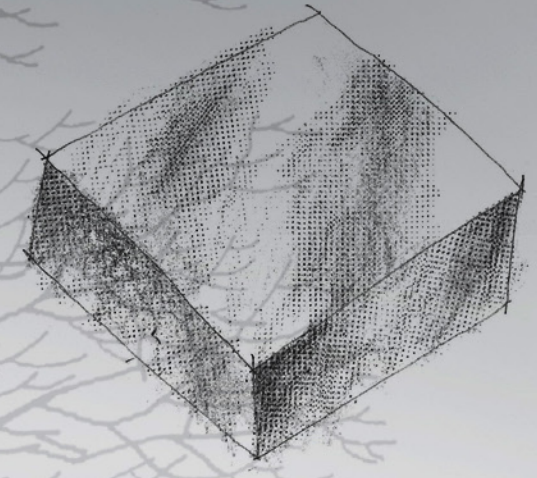
tension cables form a layer beyond the warehouse face on all 4 elevations



an environmental skin hung on the cables on all 4 elevations



completed by a fifth roof elevation



displace baseline to twist form and allude to covering



further eroded on the western face to expose the Bank heritage facade



eroded at roof level to allow atrium light, solar collection, and studio light

EVENT SPACE



EXHIBITION ATTRACTOR



THE FACULTY AS CENTRE OF CREATIVE ACTIVITY

CHARACTERISTICS OF CREATIVE ENVIRONMENTS



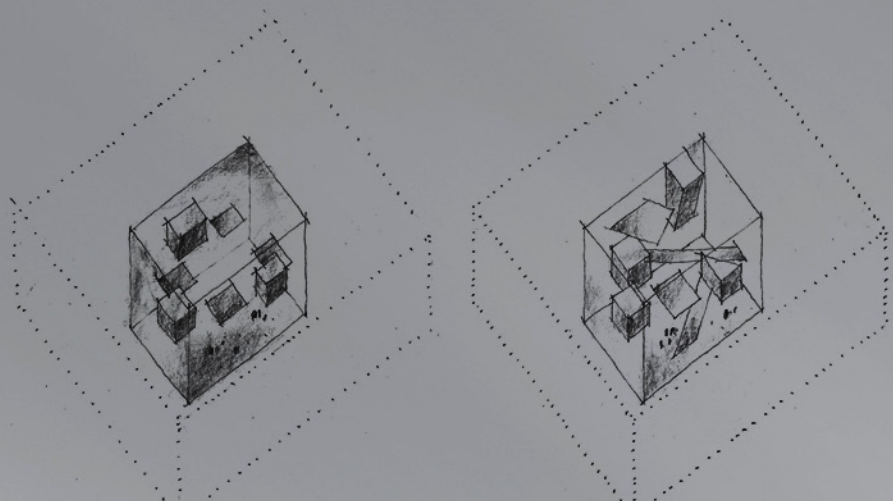
LIGHT + VOLUME



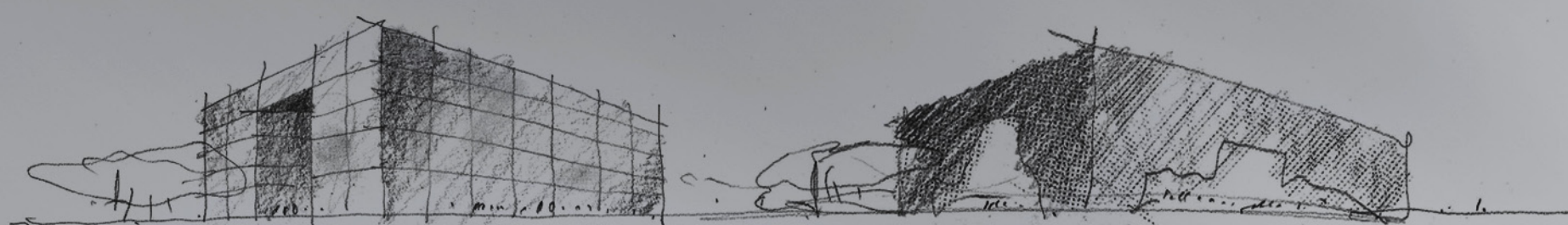
IMPERMANENCE + FLEXIBILITY

CONCEPTUAL FORM + EXPRESSION

A PLACE OF CREATIVITY, WITHIN AN
AESTHETIC 'BLACK BOX'



*The void as an object inhabited by
form which can change over time*

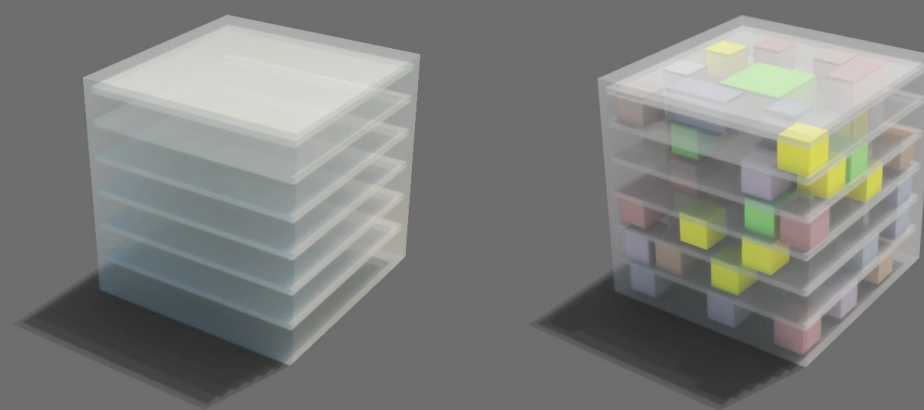


*Clothing the warehouse with
an environmental skin*



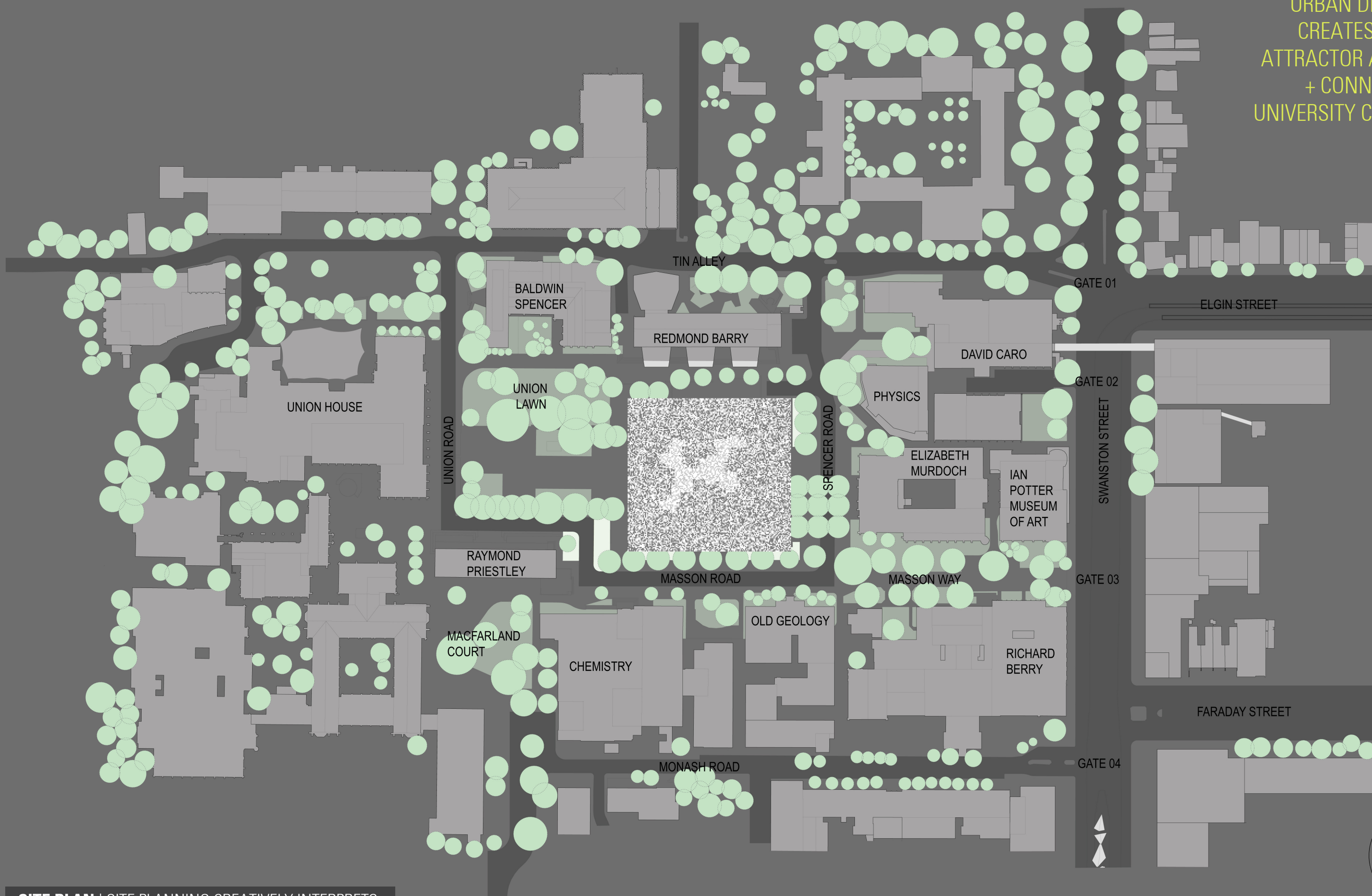


RESPONSE



A WAREHOUSE FOR LEARNING ALLOWING FLEXIBILITY FOR FUTURE CHANGE IN TEACHING PROGRAMS

URBAN DESIGN THAT
CREATES A CAMPUS
ATTRACTOR ACTIVATING
+ CONNECTING THE
UNIVERSITY COMMUNITY



SITE PLAN | SITE PLANNING CREATIVELY INTERPRETS
AND REINFORCES THE CAMPUS MASTERPLAN

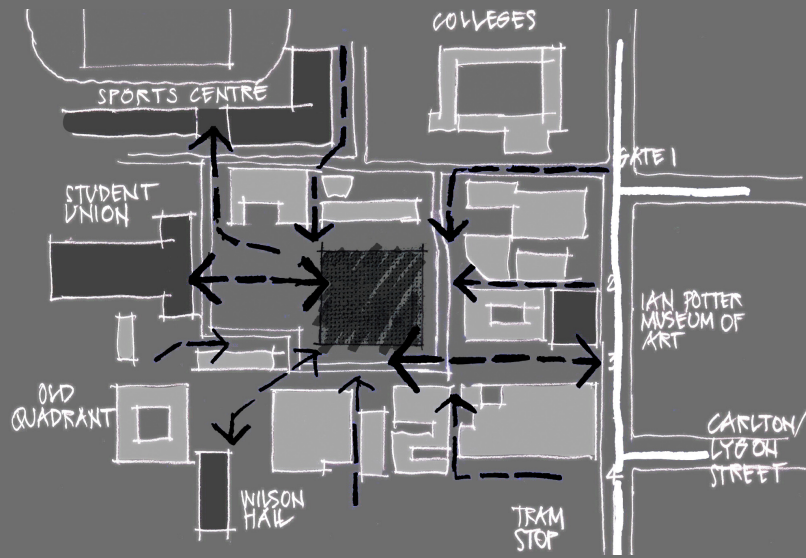


HIGH PERMEABILITY
EXTENDS CAMPUS
PUBLIC ROOMS INTO
THE FACULTY AND
THE FACULTY INTO
THE CAMPUS

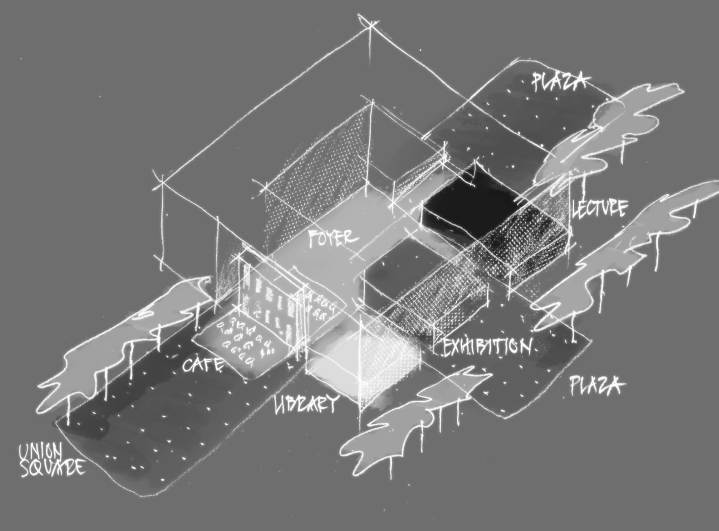
GROUND PLANE PLAN



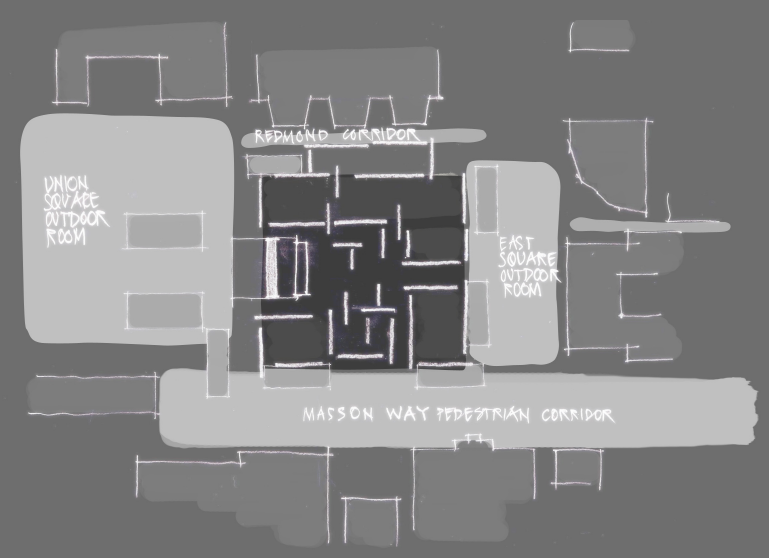
URBAN PATTERN + CAMPUS SETTING |
NORTH/SOUTH EAST/WEST PATTERN REINFORCED



CAMPUS CONNECTIONS | SQUARE GEOMETRY
RESPONDS TO PRIME CAMPUS CONNECTIONS



CAMPUS ACTIVATION + PUBLIC INTERFACE |
PUBLICLY ACCESSIBLE USES LOCATED WITH HIGH
VISIBILITY TO CAMPUS

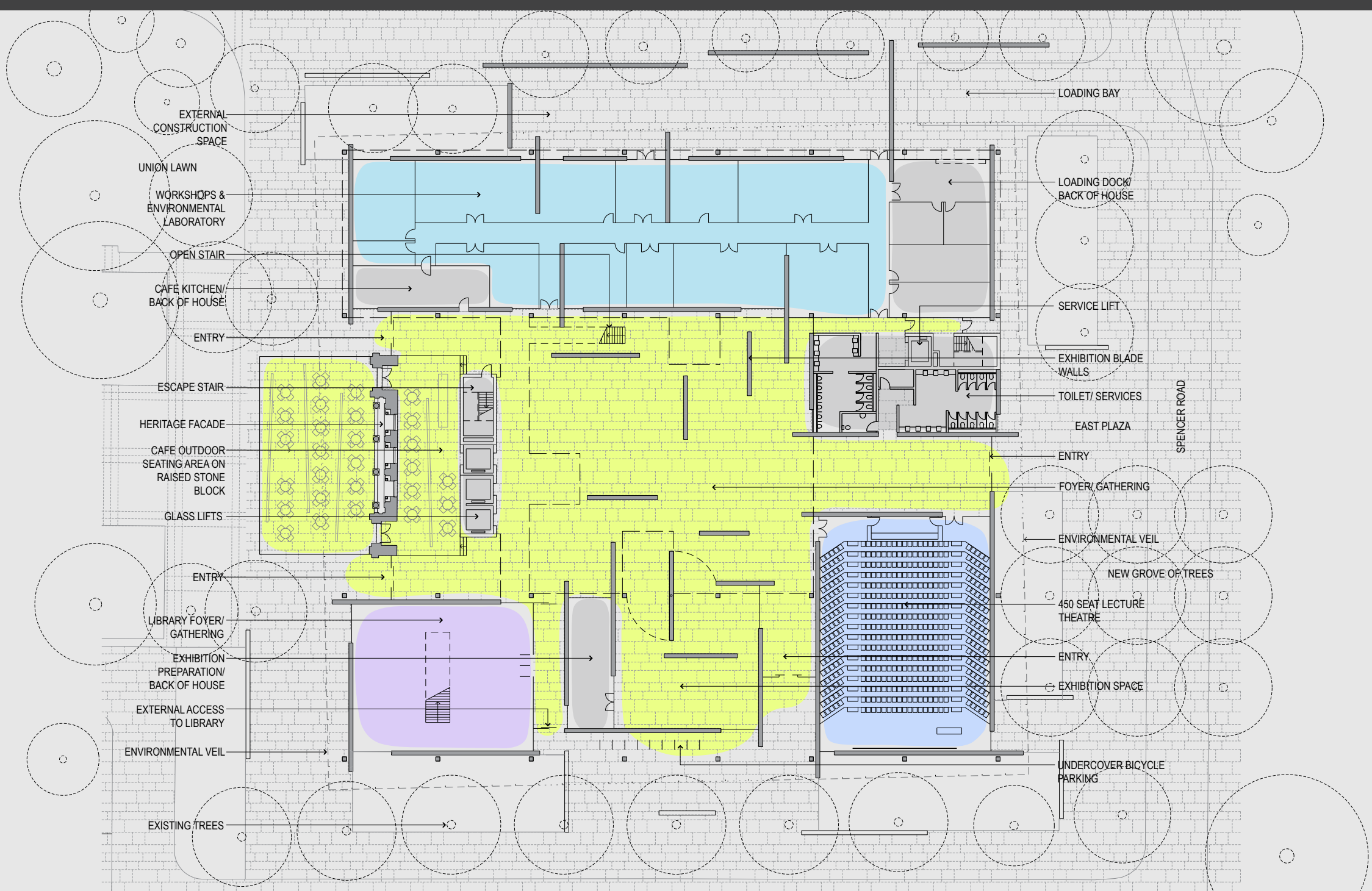


OPEN SPACE + PUBLIC REALM |
CAMPUS OUTDOOR ROOMS + PEDESTRIAN
CORRIDORS REINFORCED

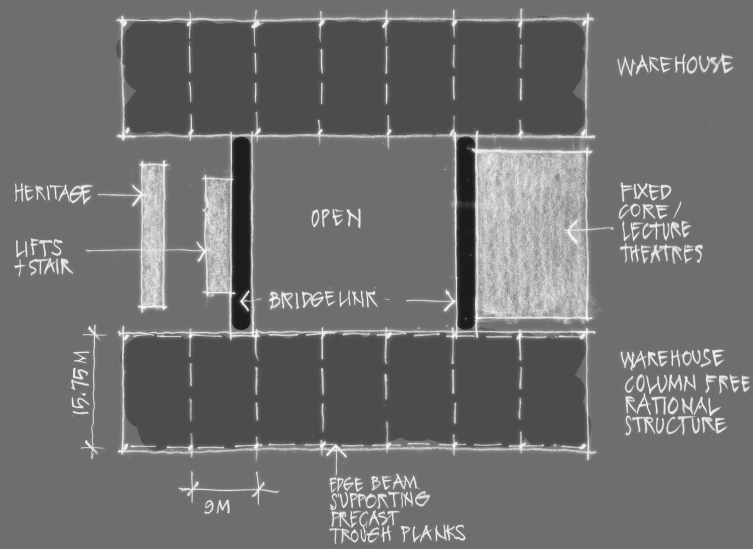
URBAN DESIGN + CAMPUS PLAN



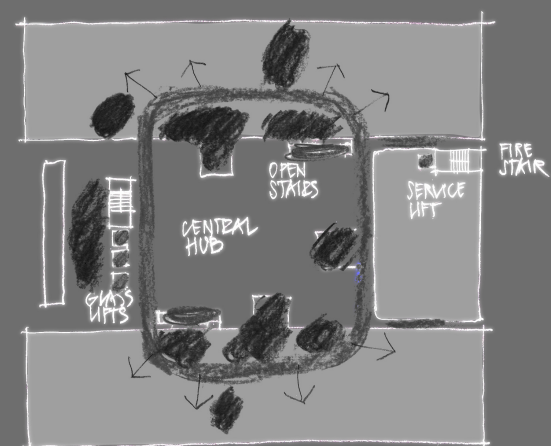
VIEW FROM SOUTH EAST



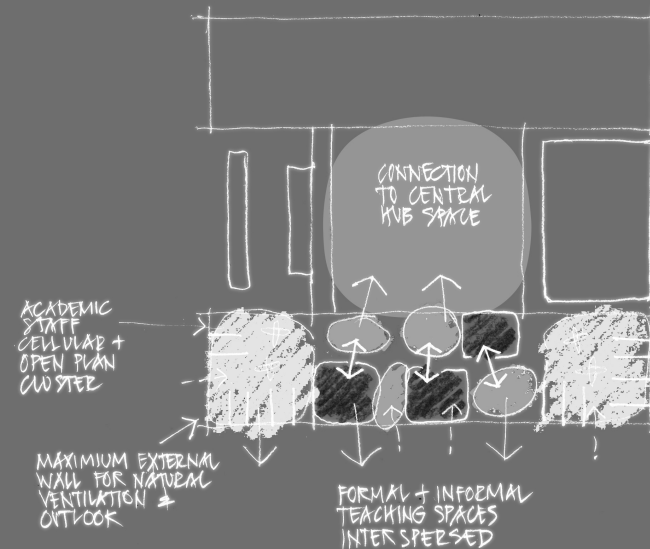
GROUND FLOOR PLAN



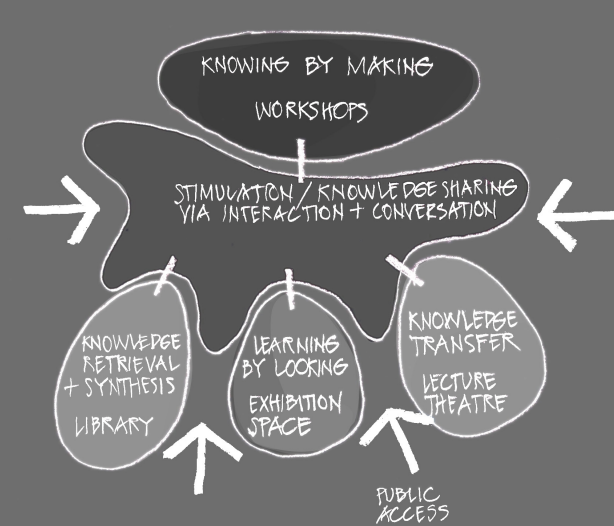
BUILDING PLAN CONCEPT | FLEXIBLE WAREHOUSE WINGS CONNECTED BY FIXED CORE + BRIDGELINK



CIRCULATION CONCEPT | CIRCULATION + COLLABORATIVE LOUNGES FOCUSED ON CENTRAL HUB, ALLOWING CLEAR LEGIBILITY + EASE OF USE



PEDAGOGICAL PLAN CONCEPT | FORMAL + INFORMAL TEACHING SPACE WITH ACADEMIC STAFF CLUSTERS

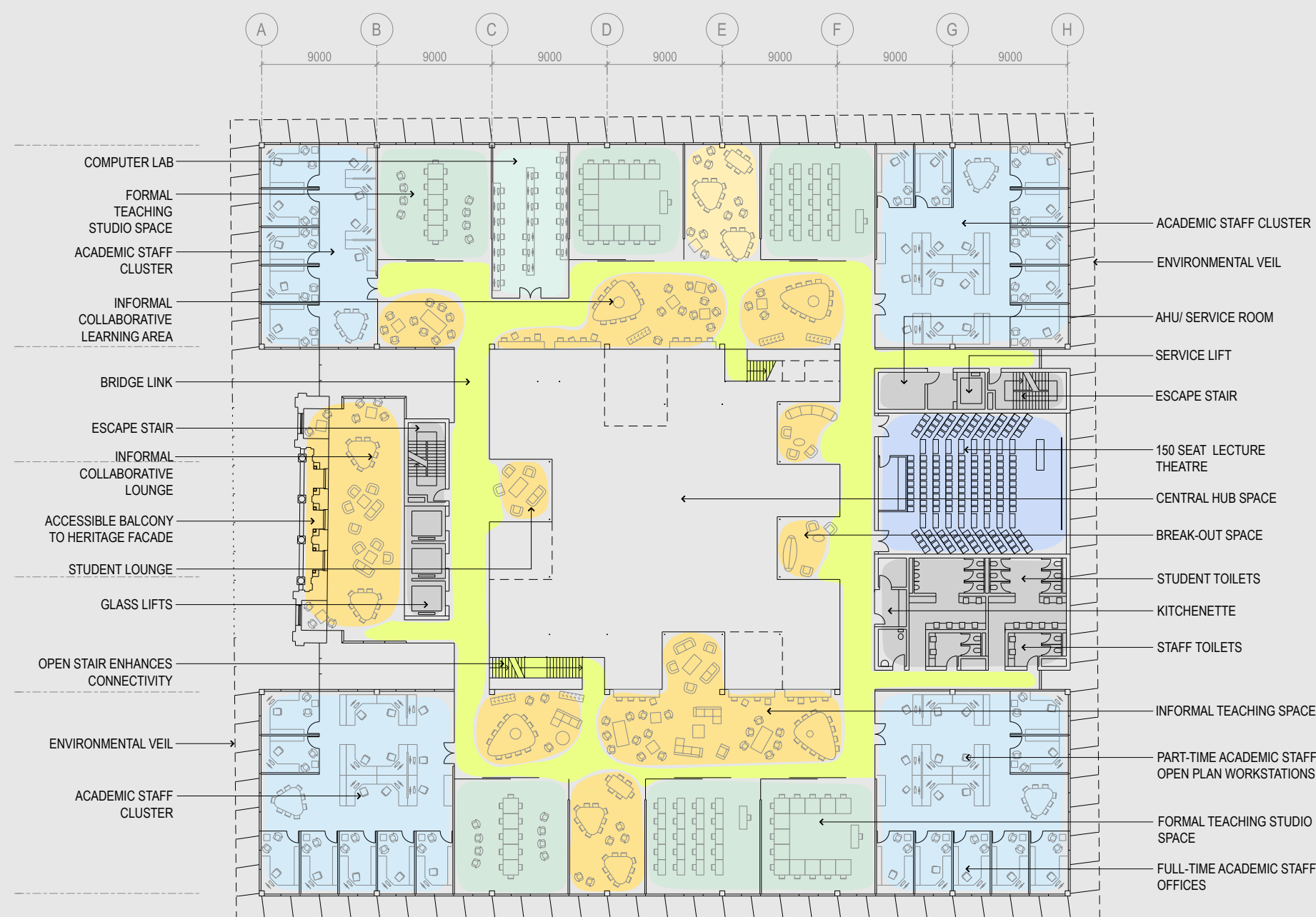


PUBLIC PEDAGOGICAL INTERFACE DIAGRAM | INFORMS THE GROUND FLOOR PLAN

THE ACADEMIC ENVIRONMENT



VIEW FROM UNION SQUARE



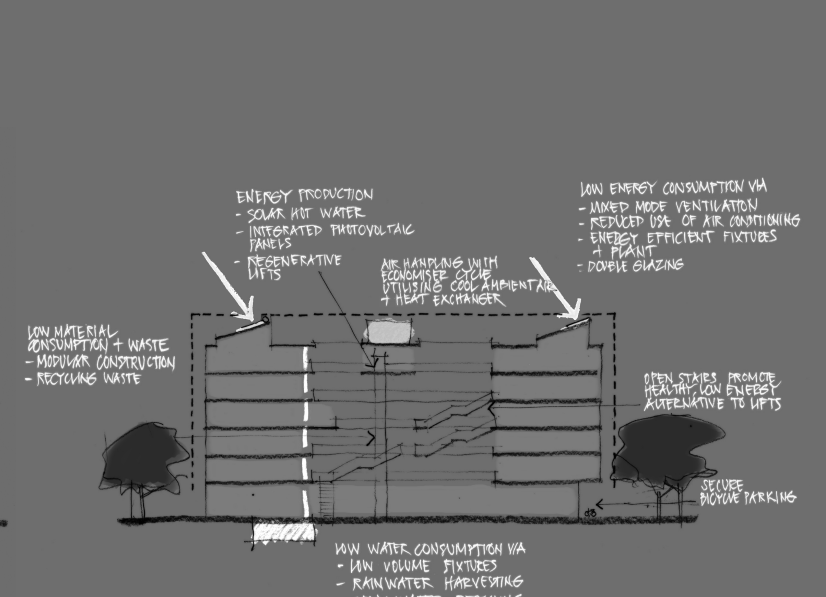
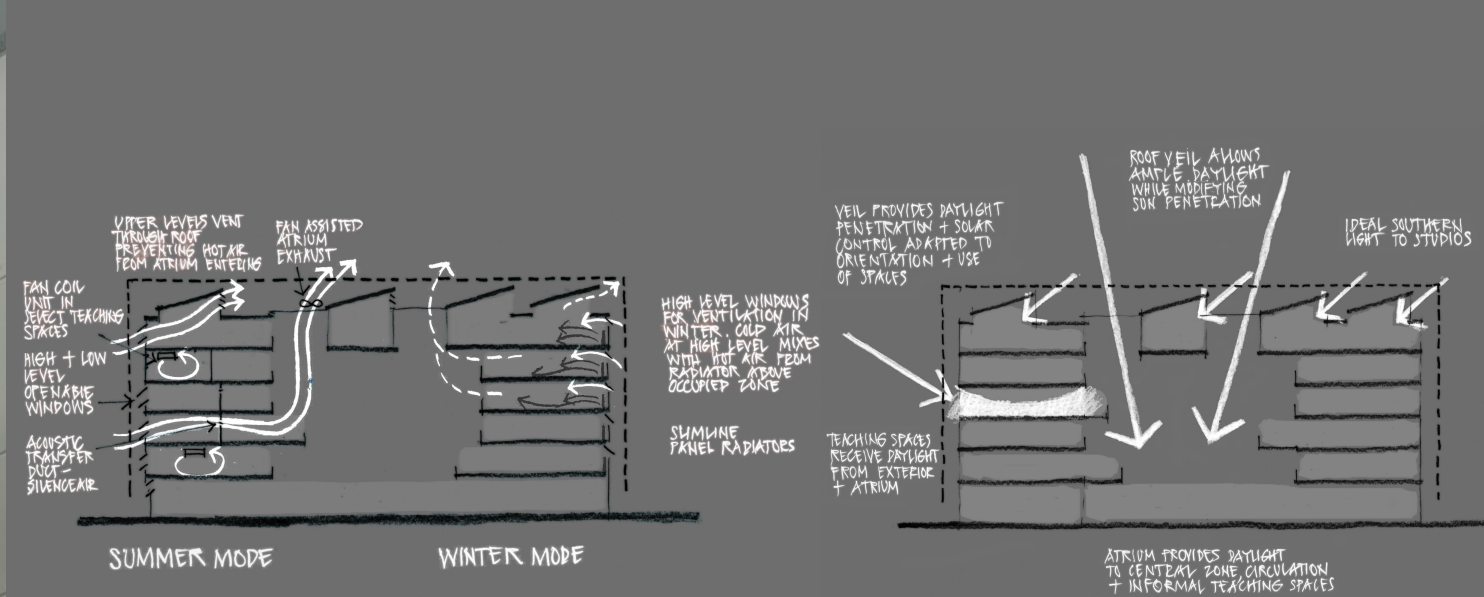
INHERENT FLEXIBILITY
ALLOWS DETAIL
CONFIGURATION WITH
THE FACULTY

TYPICAL ACADEMIC AND TEACHING SPACE FLOOR PLAN

A LIGHT FILLED
DYNAMIC INTERIOR
EXPERIENCE
ENHANCING
INTERCONNECTIVITY
+ SOCIAL
INTERACTION

CENTRAL HUB SPACE





MIXED MODE VENTILATION SYSTEM

OPTIMISED DAYLIGHT ACCESS

LOW ENVIRONMENTAL IMPACT STRATEGY



FORMAL AND INFORMAL TEACHING SPACES FLOW TOGETHER

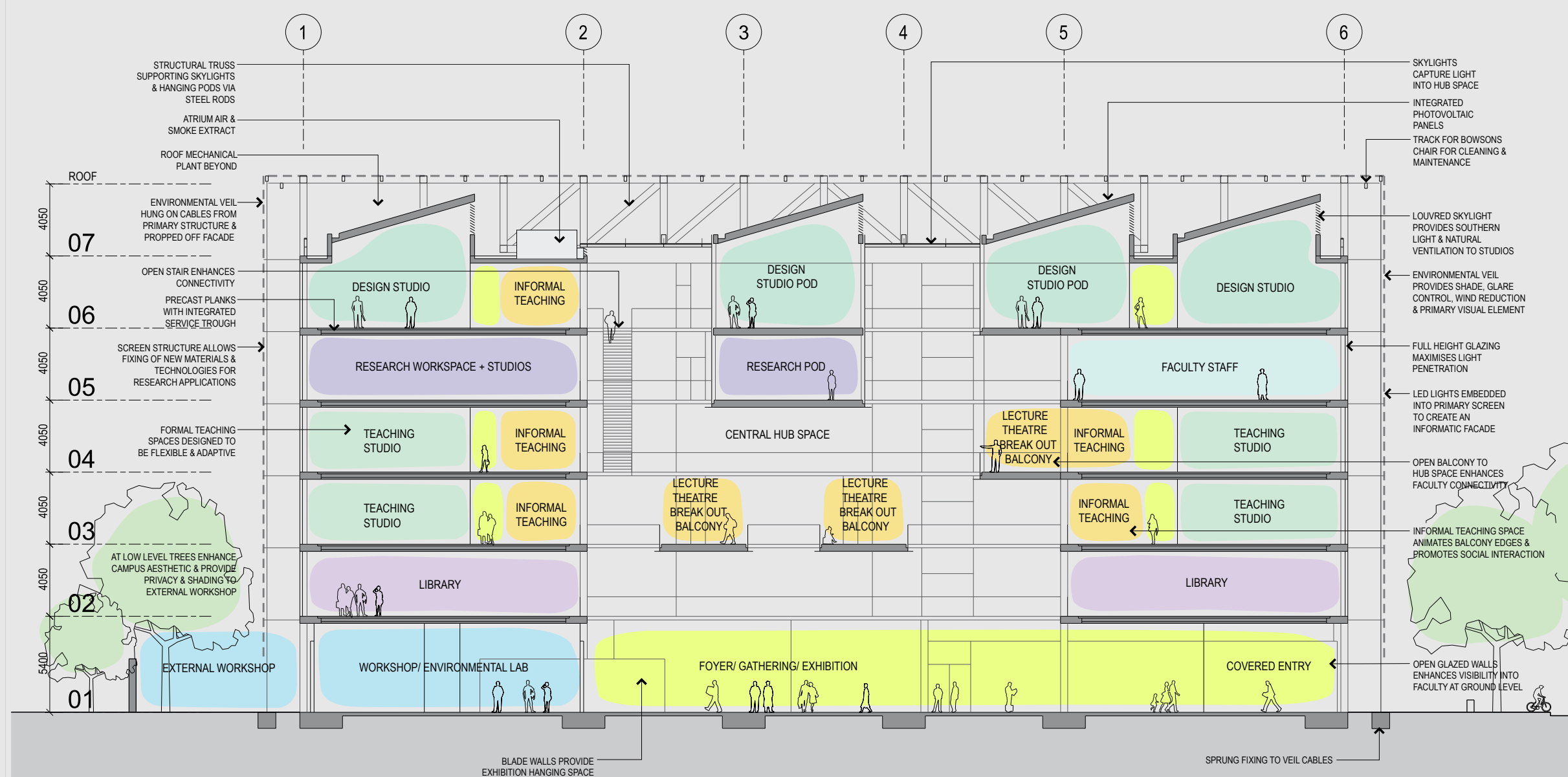


VIEW FROM IAN POTTER CAFE



VIEW LOOKING OUT THROUGH THE ENVIRONMENTAL SKIN

FLEXIBLE
DESIGN ALLOWS
CHANGE +
ADAPTIVE REUSE
THROUGHOUT
THE LIFE OF THE
BUILDING





SKIN + NEW MATERIALS RESEARCH

BUILDING AS A PEDAGOGICAL RESEARCH + LEARNING TOOL

ENVIRONMENTAL SKIN
AS CLIMATE MODIFIER

A BUILDING THAT
ENHANCES THE LEARNING
EXPERIENCE THROUGH ITS
INTERNAL ENVIRONMENTAL
QUALITY, ADAPTABILITY +
INTERACTIVITY, WITH A LOW
ENVIRONMENTAL IMPACT

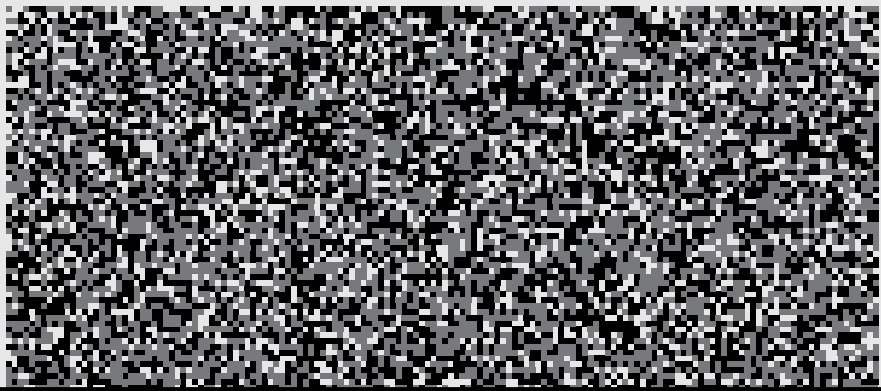
THE BRIGHT GREEN LIVING BUILDING



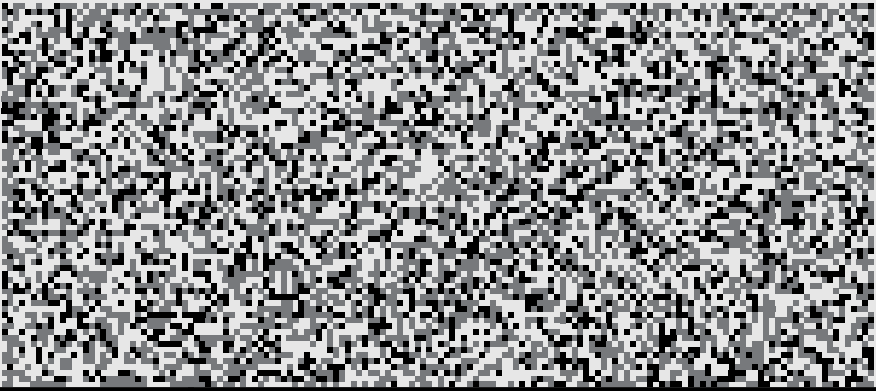
VIEW FROM MASSON WAY

RESEARCH INTO THE ENVIRONMENTAL SKIN

PATTERN GENERATORS | SOLAR RESPONSE, DAYLIGHT OPTIMISATION

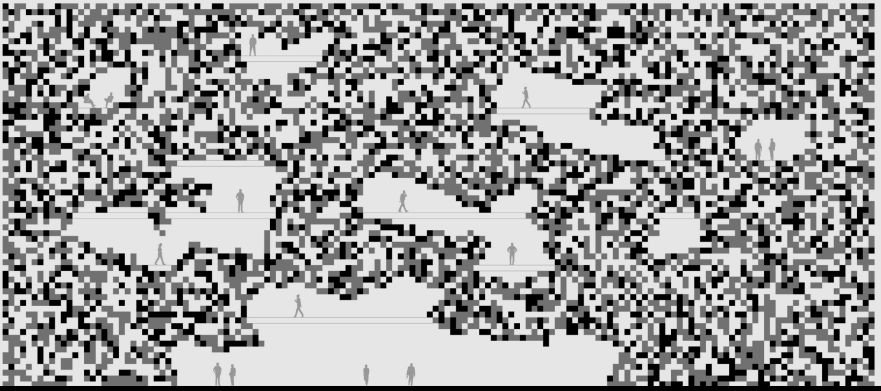


NORTH FACADE | 40% OPEN AREA

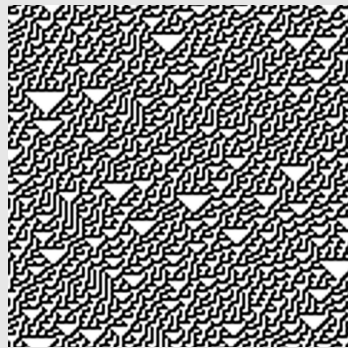


SOUTH FACADE | 60% OPEN AREA

PATTERN GENERATORS | EXPRESSION OF INTERNAL USES

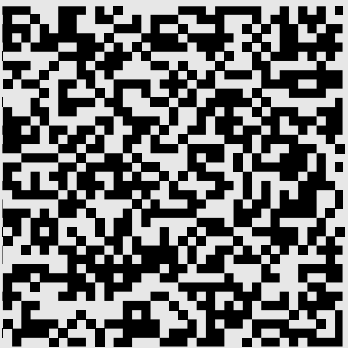


PATTERN GENERATORS

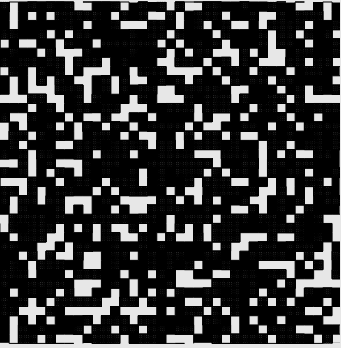


CELLULAR AUTOMATA

PATTERN TYPE STUDIES



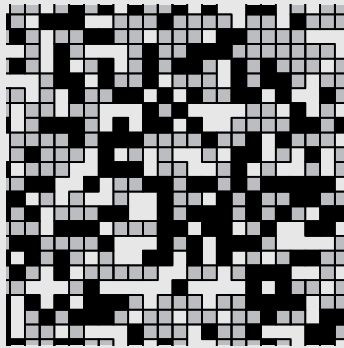
SOLID + OPEN



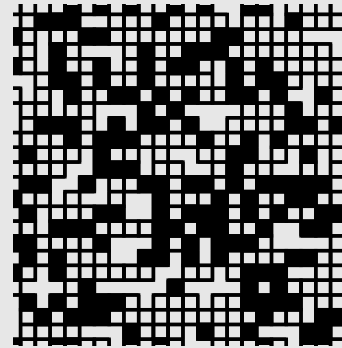
SOLID + PERFORATED
+ OPEN



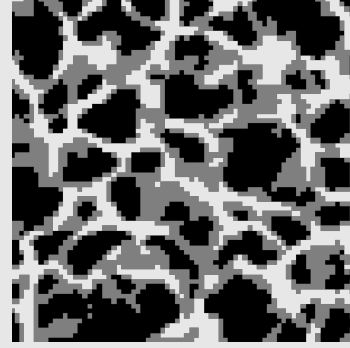
PATCHWORK | FINE



GRID



PERFORATION



PATCHWORK | COARSE

PATTERN GENERATORS + PATTERN TYPE STUDIES