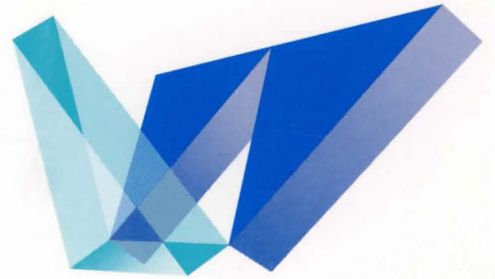


Aitken
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Architecture,
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Planning,
Urban Design



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Kwantlen College Modelling Sessions

Aitken
Wreglesworth
Associates
Architects Ltd.

Architecture,
Interiors,
Planning,
Urban Design

171 West Esplanade
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David Aitken
Peter Wreglesworth
Ute Philips
Darrell Epp
Jacques Beaudreault
Randy Fasan
William Bryant

Alan Scott
Tom Schaeferle
Alan Endall
Sally Emmerson
Russ Meiklejohn
Ian Ronalds
Wayne Werbovetski
Roman Czerny

FORWARD

USER GROUP MODELLING SESSIONS



We are pleased to attach reproductions of the results achieved at the User Group Modelling Sessions held in November of this year. For each of the five groups, we have reproduced the relationship diagram that was developed by the group without reference to specific site constraints and the multi-level model which was produced when the site and parking constraints were introduced. As well, we have attached notes of the comments made by the Committees during the modelling sessions.

These models were based on the final draft of the Facilities Program prepared by Process Four Design and currently being reviewed by the College. There may be, over the course of the next few months, changes to this program which may have an affect on the models.

The purpose of the modelling sessions was to give guidance to the Design Team in the development of a concept design for the College. These models contain no re-assessment or adjustment by either Aitken Wreglesworth Associates or Process Four Design.

We were very pleased by the energy and commitment shown by each of the groups and look forward to entering the Concept Design Phase of the project with this information.



KWANTLEN COLLEGE
MODELLING SESSIONS

DESIGN CENTRE

Design Centre

- Fashion Design & Marketing Program

LAB TABLE 2200 sq. ft.	LAB SEWING 1200 sq. ft.	LAB COMBIN. 1000 sq. ft.	OFF SHARED FAC 560 sq. ft.	MARK. & STOR. ROOM 320 sq. ft.	STOR. ROOM 200 sq. ft.
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- Foundations in Applied Design

CLASS /40 2000 sq. ft.	CLASS /26 1300 sq. ft.	LAB TABLE 1100 sq. ft.	OFF SHARED FAC 480 sq. ft.
---------------------------	---------------------------	---------------------------	-------------------------------

- Graphics & Visual Design Program

LAB STUDIO 2800 sq. ft.	LAB ART 1100 sq. ft.	LAB AUDIO VISUAL 1100 sq. ft.	OFF SHARED FAC 640 sq. ft.	COMP LAB 500 sq. ft.	STOR. ROOM & TECH. 350 sq. ft.
	DARK. COLON. STILLS 300 sq. ft.	AUDIO VISUAL ROOM 300 sq. ft.	DARK STRIPP ROOM 600 sq. ft.	PRINT ROOM 250 sq. ft.	LAB SCREEN PRINT 350 sq. ft.

- Interior Design Program

DRAFT LAB I 1400 sq. ft.	DRAFT LAB II 1100 sq. ft.	LAB TABLE 1100 sq. ft.	SAMPLE ROOM 350 sq. ft.	MARK. & STOR. ROOM 320 sq. ft.
			OFF LARGE 240 sq. ft.	

- Mass Communication Program

OFF SHARED FAC 480 sq. ft.	LAB TECH. PROD. 450 sq. ft.	LAB COMP. 320 sq. ft.	LAB NEWS PAPER 300 sq. ft.
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- Program "X"

LAB TYPE I 1000 sq. ft.	LAB TYPE II 750 sq. ft.	OFF SHARED FAC 320 sq. ft.
----------------------------	----------------------------	-------------------------------



Date: Monday, November 20, 1989

Time: 3 pm - 6 pm

Place: Richmond Campus

Attendance:

Brigette Peter-Chernoff - Kwantlen Facilitator, Library
Dick Koch - UMA Spantec, Project Manager

Ed Gesang - Fashion Design
Barbara Duggan - Interior Design
Frank Ludke - Graphics
John Slattery - Director, Applied Design, Fine Arts
and Developmental Studies Department
Mary Bonni - Fashion Design

Peter Wreglesworth - AWA
Tom Schaeferle - AWA
Roman Czemerlys - AWA
Michele Hodson - AWA

Jim Sumi - Process 4 Design
Krista Cooke - Process 4 Design

ISSUES

■ NORTH LIGHT

- for all Design Centre Departments except Mass Communications and Audio Visual, as they have computers

■ DESIGN CENTRE AS UNIT WITHIN COLLEGE

- want to be in same area along with the Drafting Department, stronger sense of identity
- overlap of Art Labs, used by Fashion, Interior and Graphics
- all departments would like exposure to corridor for display purposes
- are satisfied by making their presence known at Main Entry via Display Area
- easy access to Design Community and Public is important

■ 3RD FLOOR LOCATION OF DESIGN CENTRE

- skylight possibilities
- linear or cluster arrangement
- close to library (2nd floor) and resource centre
- concern for students carrying equipment up three floors
- adequate lockers would alleviate this
- aircraft noise heightened on 3rd floor
- some of the group prefers 2nd floor location to ensure better student access
- Graphics would like to be adjacent to Mass Communications
- Fashion is noisy due to sewing and cutting machines
- security concern for night classes (Foundations)
- locate Recycling Area nearby

■ CAFETERIA

- locate far away from labs, to discourage bringing food to labs
- locate employee lounge and dining near cafeteria
- locate centrally, middle of building

■ LECTURE THEATRE

- too small to accommodate all design groups for one lecture
- fashion show use

■ BOOKSTORE

- accessible to all
- exterior access

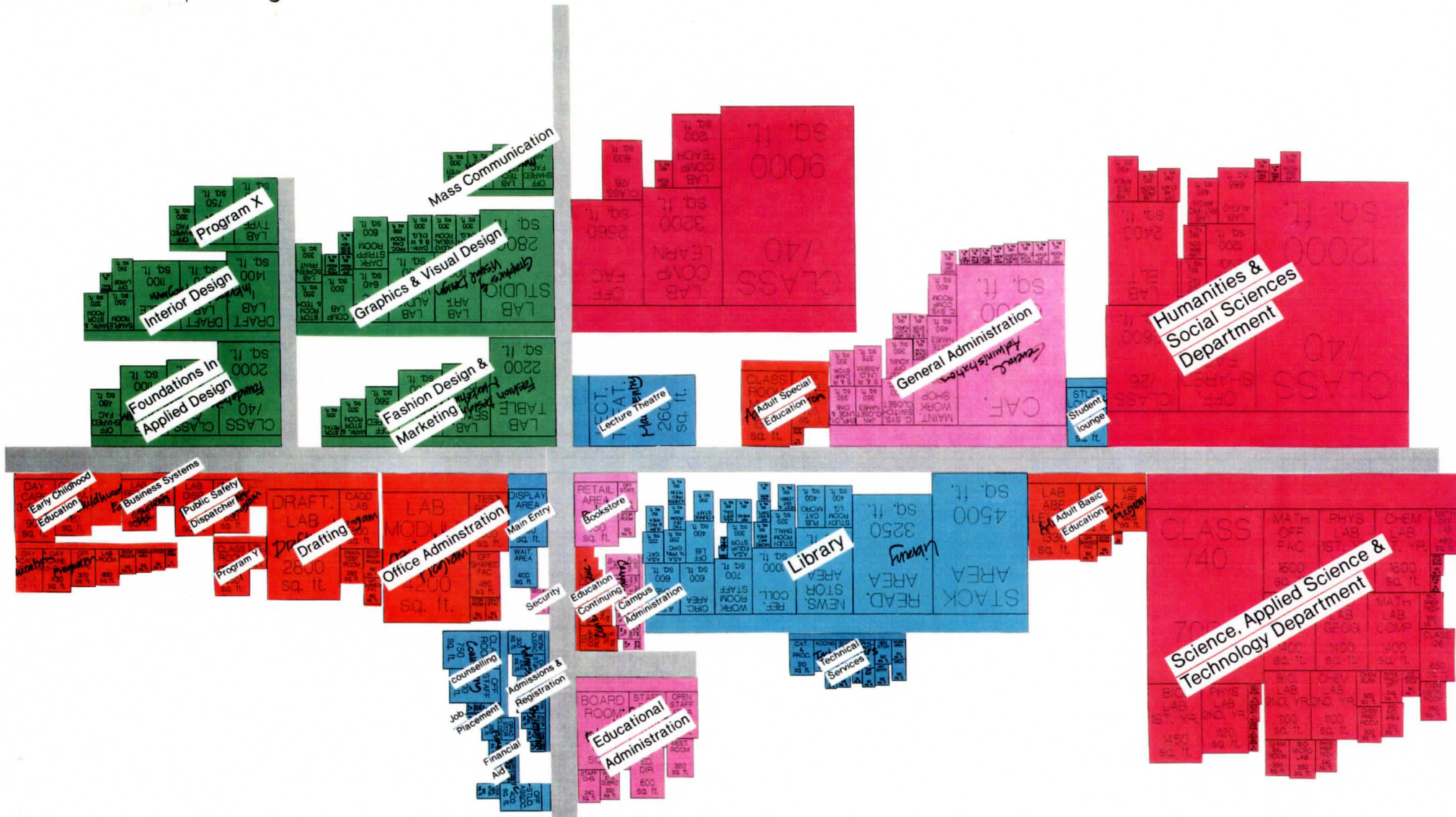
■ ENTRY/PARKING

- pedestrians and vehicles have same main entry
- parking on setbacks?

■ DAYCARE

- should be on main floor for drop-off/pick-up ease

Relationship Diagram



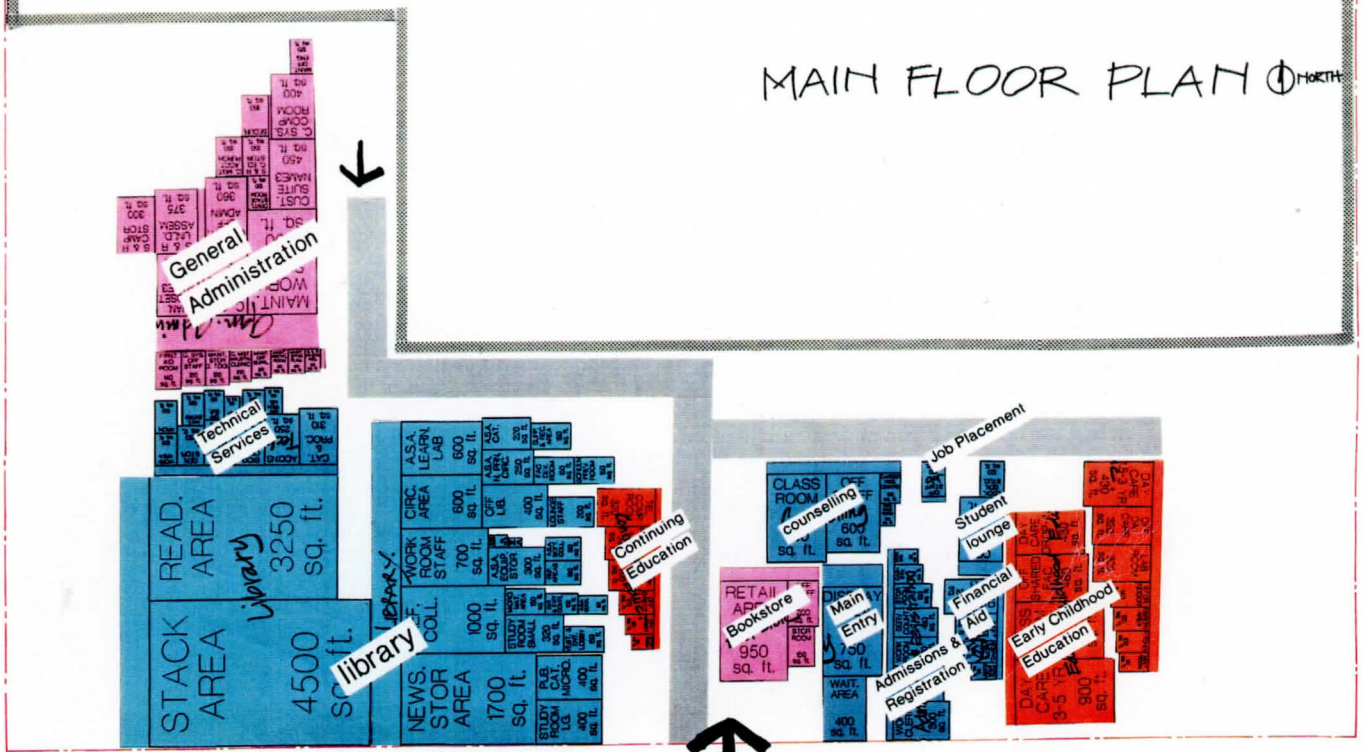
• Design Centre Group



3 STOREY CONCEPT • Design Centre Group

Parking

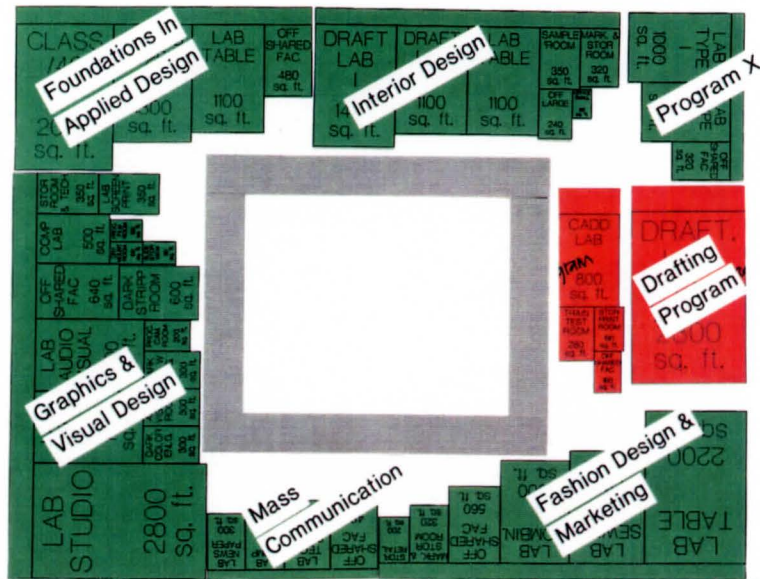
MAIN FLOOR PLAN 



L.A.T.S. D.O.W.N. T.I.E. R.O.A.D.

3 STOREY CONCEPT • Design Centre Group

3RD FLOOR PLAN



L A N S D O W N E R O A D

2ND FLOOR PLAN



L A N S D O W N E R O A D

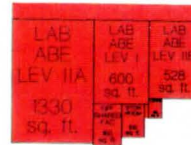


KWANTLEN COLLEGE
MODELLING SESSIONS

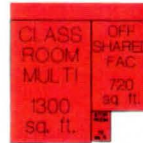
APPLIED ARTS AND CAREER PREPARATION

Applied Arts & Career Preparation

- Adult Basic Education Program



- Adult Special Education Program



- Business Systems Technician Program



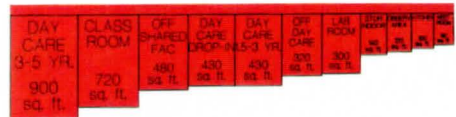
- Continuing Education Department



- Drafting Program



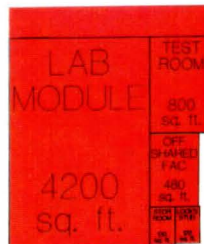
- Early Childhood Education Program



- Program "Y"



- Office Administration Program



- Public Safety Dispatcher Program



Date: Tuesday, November 21, 1989
Time: 2 pm - 5 pm
Place: Richmond Campus

Attendance:

Brigitte Peter-Chernoff - Kwantlen Facilitator, Library
Dick Koch - UMA Spantec, Project Manager

Vic Kwalheim - Adult Basic Education
Derek Nanson - Health Sciences & Human Services Department
Bev Watson - Early Childhood Education
Elaine Benton - Office Administration Program
John Bugoes - Drafting
Tony Moffat - Drafting
Gary Baker - Director, Community/Continuing Education
Ola Iyouen - Adult Special Education
Janet Tulles - Office Administration

Peter Wreglesworth - AWA
Tom Schaeferle - AWA
Roman Czemerly - AWA
Michele Hodson - AWA

Jim Sumi - Process 4 Design
Krista Cooke - Process 4 Design

ISSUES

■ LECTURE THEATRE

- trade for expandable assembly space of 4 or 5 classrooms with expensive dividers
- problems
 - relocating 5 classrooms for 1 occasion
 - classroom materials must be portable
 - flat floor rather than staged

■ ENTRY

- accentuate entry
- security of the library
- Management Offices of Administration should be near entry
- Adult Special Education should be near an entry for night classes and non-ambulatory users
- Disagreement about location of Main Entry
 - off Lansdowne Road
 - off new access road
- concern for entry adjacent to parking, not aesthetically pleasing

■ CAFETERIA

- direct entry to cafeteria from parking lot
- cafeteria on 2nd floor with south facing patio, problem with shipping/receiving
- central stairwell with skylight descending down to cafeteria

■ EARLY CHILDHOOD EDUCATION

- main floor location for easy access and drop-off
- independent, require a location which can accommodate both a quiet nap time and a noisy play time
- buffer playspace with rooms
- outdoor play space with morning sun, prefer south east corner

■ STUDENT LOUNGE

- noisy, wild card
- should be near most of the students
- near cafeteria
- may be part of circulation

■ PARKING

- concern for view from Lansdown Road, presenting a parking lot to public
- arrange parking along north and east edges of the site

■ LIBRARY

- prefer main floor location
- book drop-off, community access, late evening security
- split library between main floor and mezzanine
- need to have internal circulation (elevator, stairs)

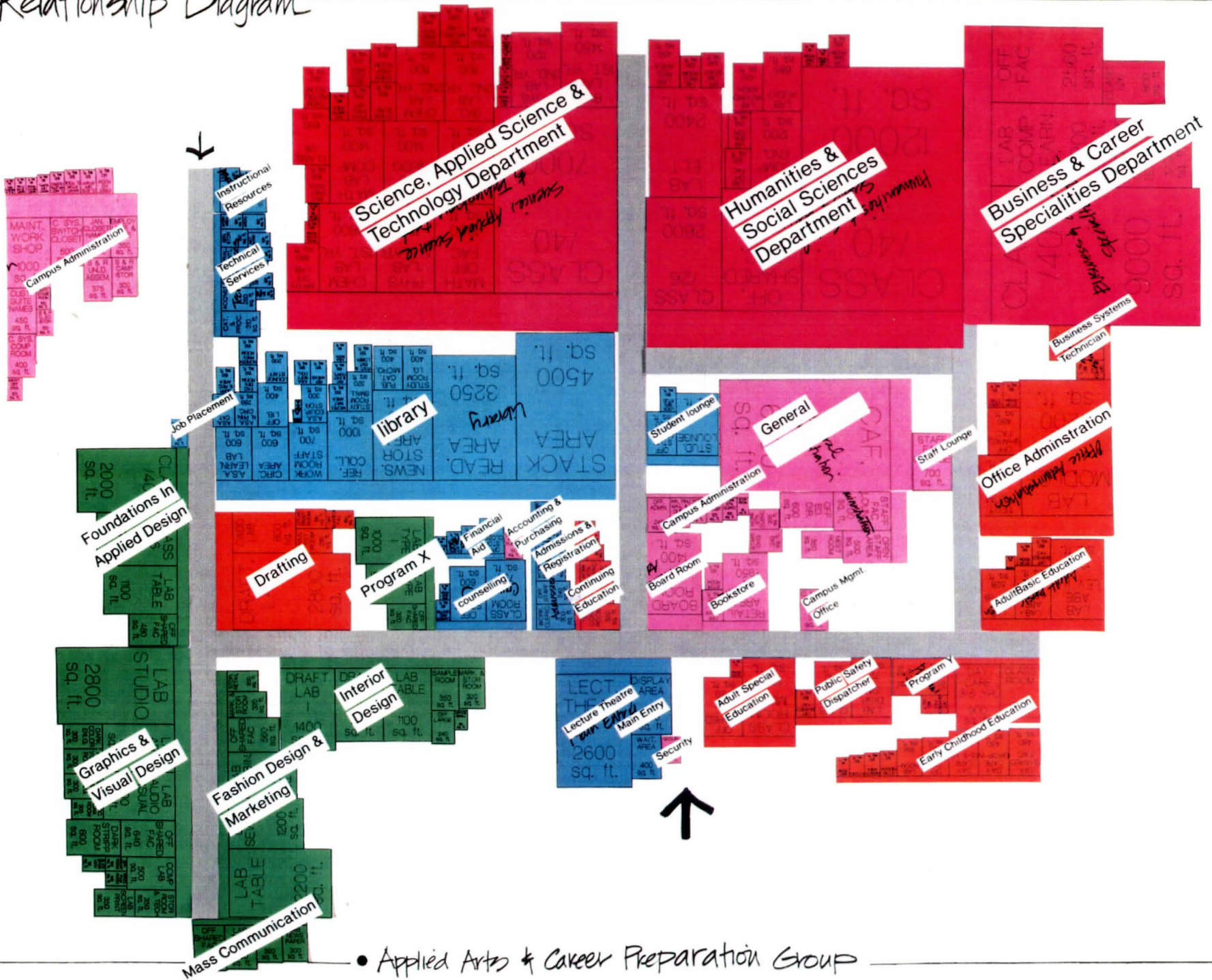
■ PREFERRED RELATIONSHIPS

- Adult Basic Education + Business System Technician + Office Administration + Library
- Campus Management Accounting and Purchasing + Admissions and Registration
- Employee Lounge and Dining + Cafeteria
- Office Administration + Counselling
- Humanities and Social Science + Library
- Design Centre + Drafting
- Workstation of Continuing Education + Admission and Registration (share service counter)
- Student Offices + Counselling + Admissions Office
- Boardroom with view.

■ CAN BE ANYWHERE

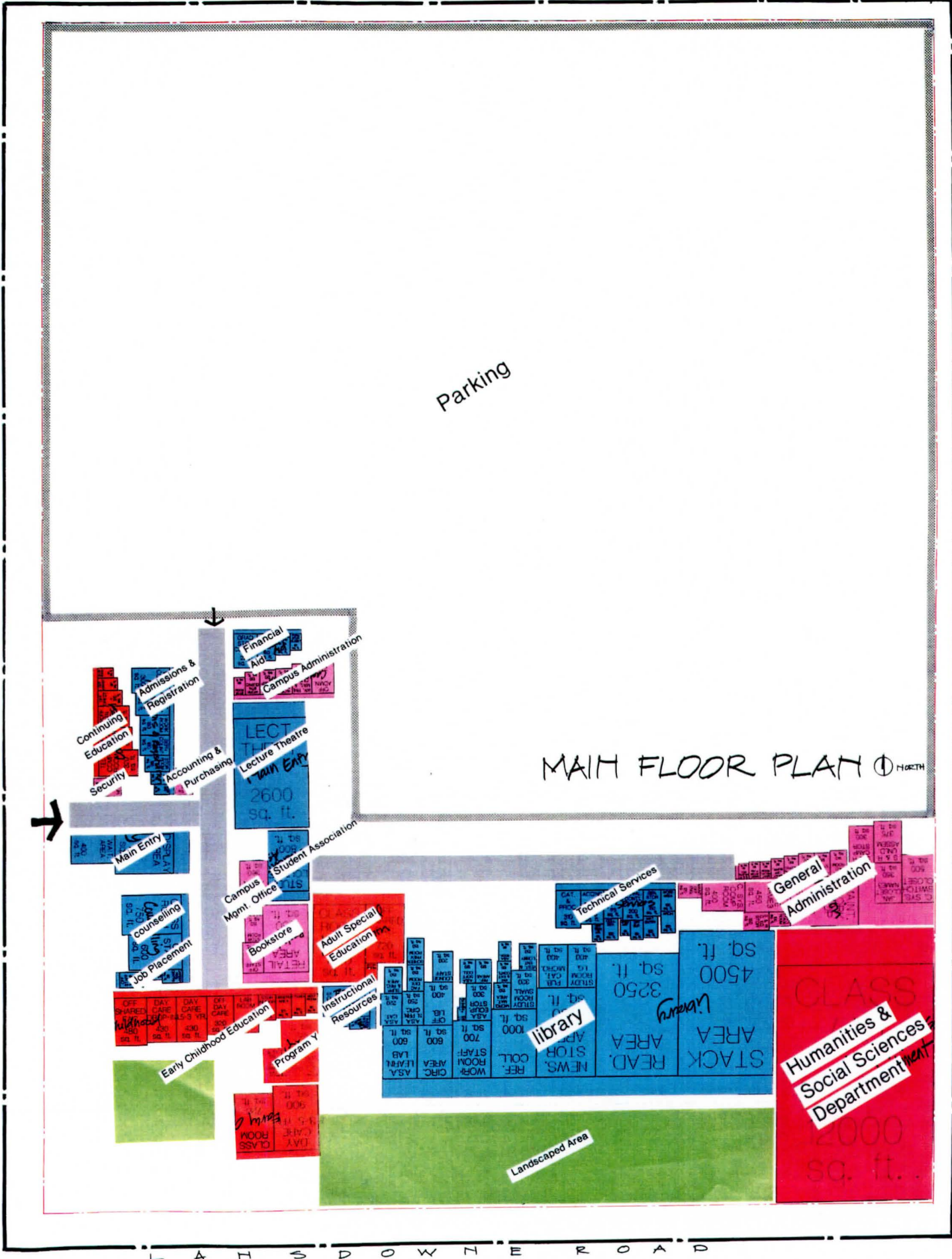
- Public Dispatch Safety Program
- Business Systems Technician Program

Relationship Diagram

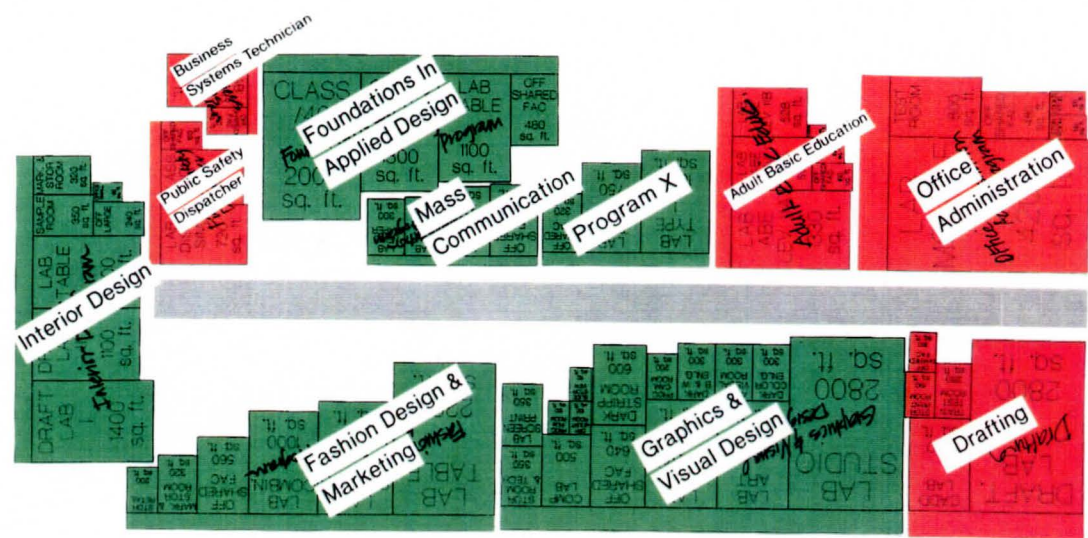


• Applied Arts & Career Preparation Group

2 & 3 STOREY CONCEPT • Academic Arts & Career Preparation



3 STOREY CONCEPT • Academic Arts & Career Preparation Group



3RD FLOOR PLAN

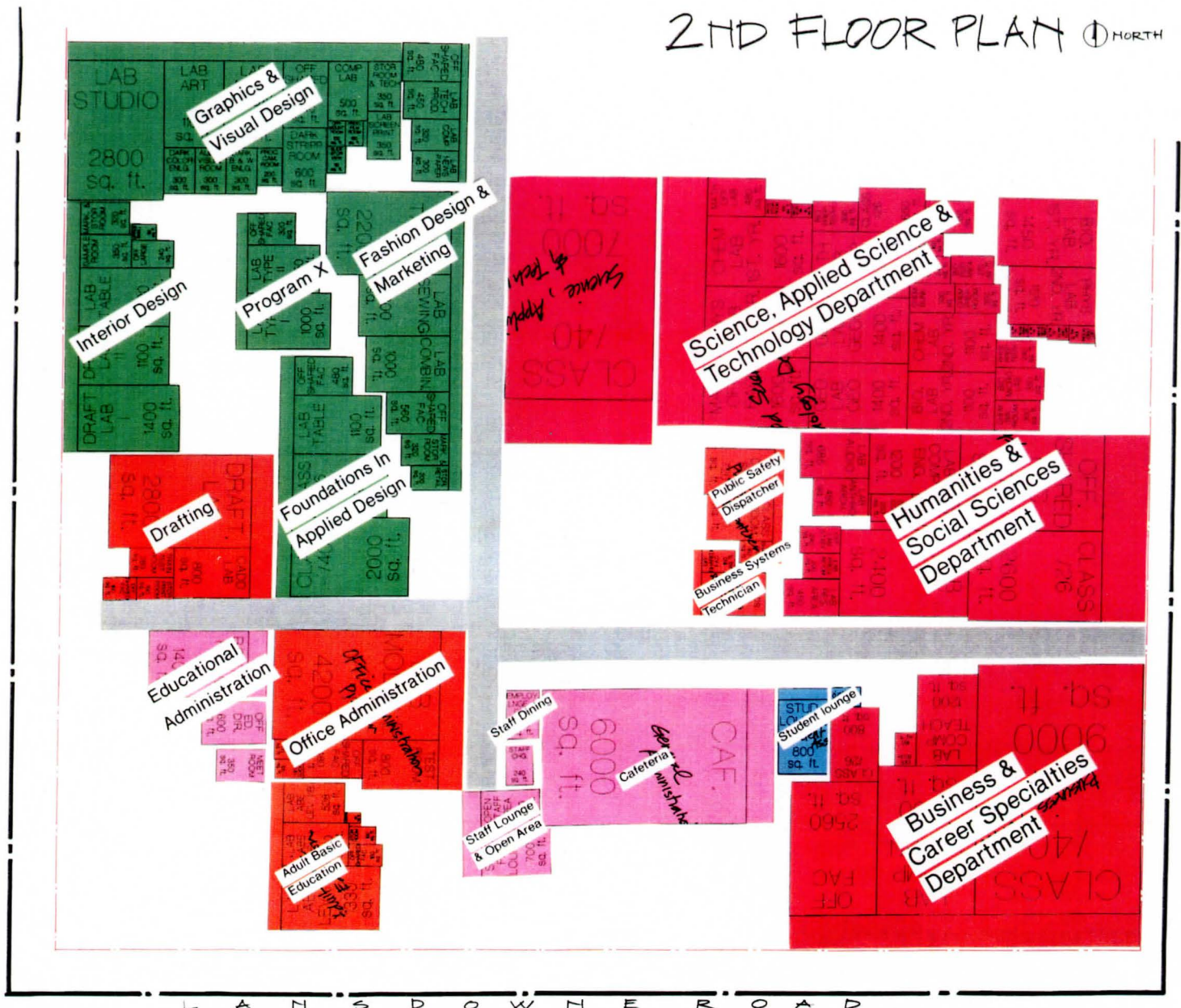
L A N S D O W N E R O A D NORTH



2ND FLOOR PLAN

L A N S D O W N E R O A D

2 STOREY CONCEPT • Academic Arts & Career Preparation Group





KWANTLEN COLLEGE
MODELLING SESSIONS

EDUCATIONAL SUPPORT AND ADMINISTRATIVE SERVICES

Educational Support

- Main Entry



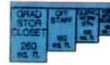
- Admissions & Registration



- Counselling



- Financial Aid



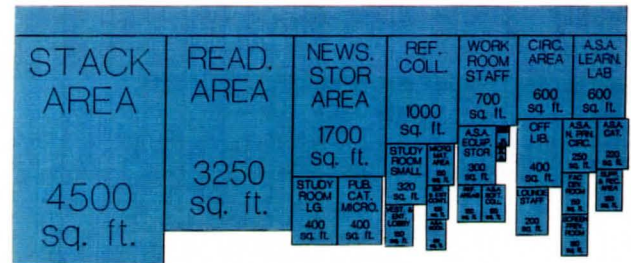
- Job Placement



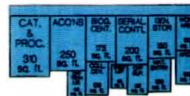
- Instructional Resources



- Library



- Technical Services

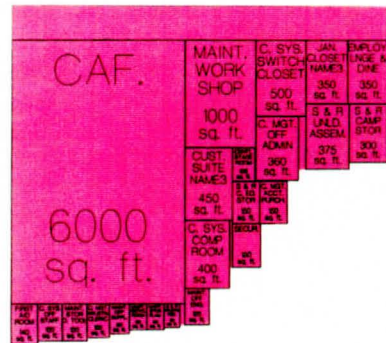
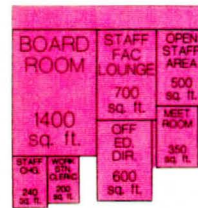


- Student Association



Administrative Services

- Campus Administration
- Educational Administration
- General Administration
- Bookstore



KWANTLEN COLLEGE MODELLING EDUCATIONAL SUPPORT & ADMINISTRATION SERVICES

Date: Wednesday, November 22, 1989
Time: 1 pm - 4 pm
Place: Surrey Campus

Attendance:

Brigitte Peter-Chernoff - Kwantlen Facilitator, Library
Dick Koch - UMA Spantec, Project Manager

John Patterson - Registration
Richard Fox - Counselling
Cathy MacDonald - Library
Wendy Per - Student Association Business Office

Randy Bruce - Computers/Systems
Monique Bergman - Bookstore
Ted Blaha - Facilities Management for Entire College
Cliff Falk - Campus Administration for Richmond
Bob Lisson - Vice President, Administrative

Peter Wreglesworth - AWA
Tom Schaeferle - AWA
Roman Czemerly - AWA
Michele Hodson - AWA

Jim Sumi - Process 4 Design
Krista Cooke - Process 4 Design

ISSUES

■ LIBRARY

- central location
- important to be close to Academics and Graphics
- separate shipping/receiving
- technical services requires clear access to library workroom, ship a lot of books to them, but outside areas are more critical
- security, late night access (until 10 pm)
- entry is more important than light

■ CAFETERIA

- central
- staff lounge adjacent, but requires good sound proofing
- 2nd floor location may pose delivery difficulties

■ BOOKSTORE

- wants to be near both the cafeteria and the library as these will be the most heavily used facilities

■ ARCHIVES

- requires humidity and air control, separate from technical services

■ STUDENT LOUNGE

- poor image, locate near security
- should have access to outside, reduce interior traffic
- main floor
- used for Red Cross, social events

■ SECURITY

- main floor location for Boardroom, doesn't need windows
- block off areas of the College for evening use, move some classrooms to the main floor

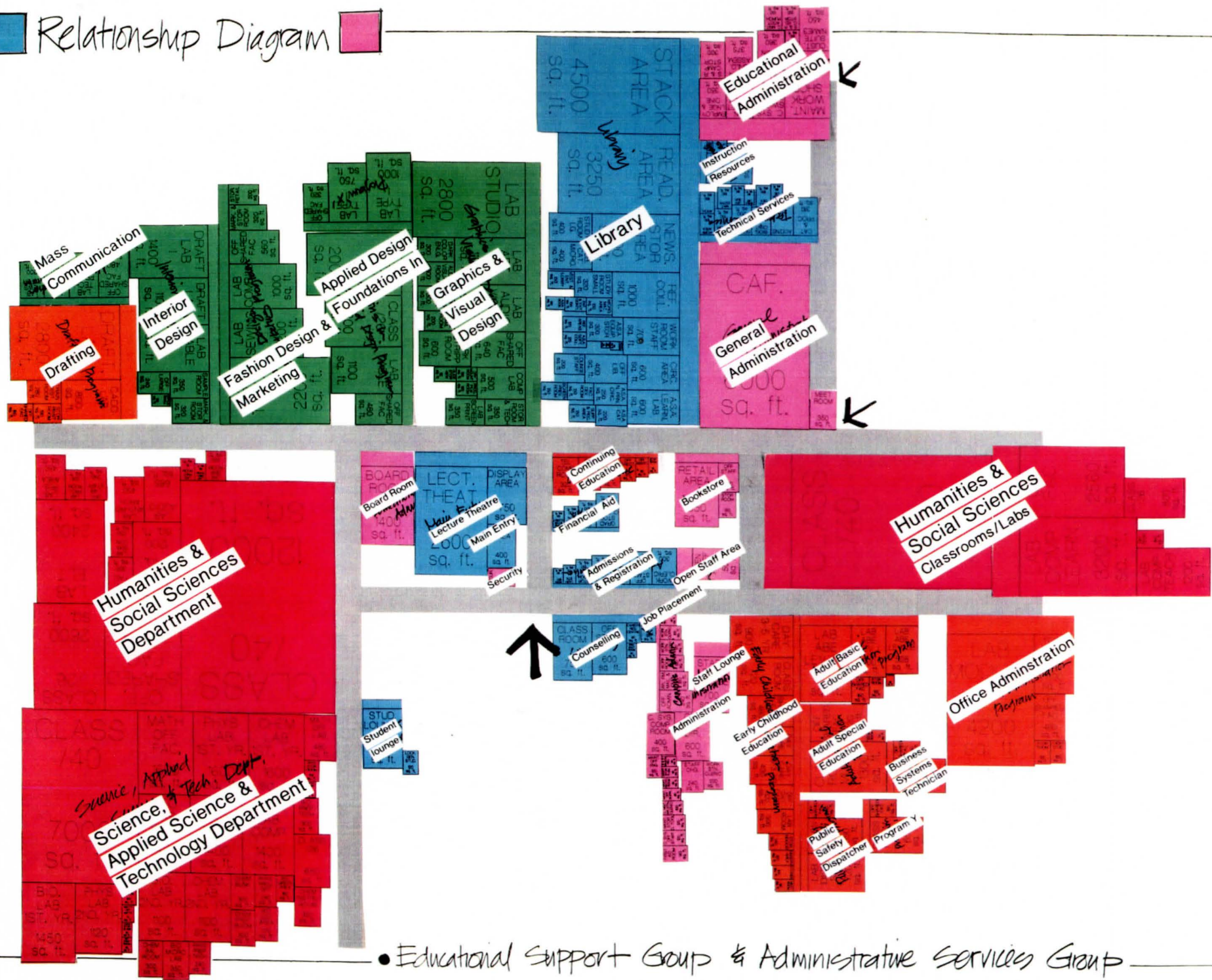
■ ENTRY/PARKING

- need for ceremonial entry
 - formal entry off Lansdowne, public but no parking
 - entry off new access road, not as prominent but parking is closer
 - corner entry?
- concern that staff gets "back door" entry
- parking next to main entrance versus designing the entrance to encourage pedestrian and bicycles
 - building for the future
 - bicycle provisions
- pay parking options - park free in Lansdowne Mall

■ PREFERRED RELATIONSHIPS

- Academics all together to share facilities
- Main Entry should include Security, Reception and Campus Administrator
- Counselling would tolerate Student Lounge
- service entrance required to Bookstore, Library and Maintenance
- Daycare near entry for drop-off convenience
- Theatre near Cafeteria to facilitate food sales
- student lockers should be dispensed throughout the College
- Student Offices should be separate from Student Lounge

Relationship Diagram



• Educational Support Group & Administrative Services Group

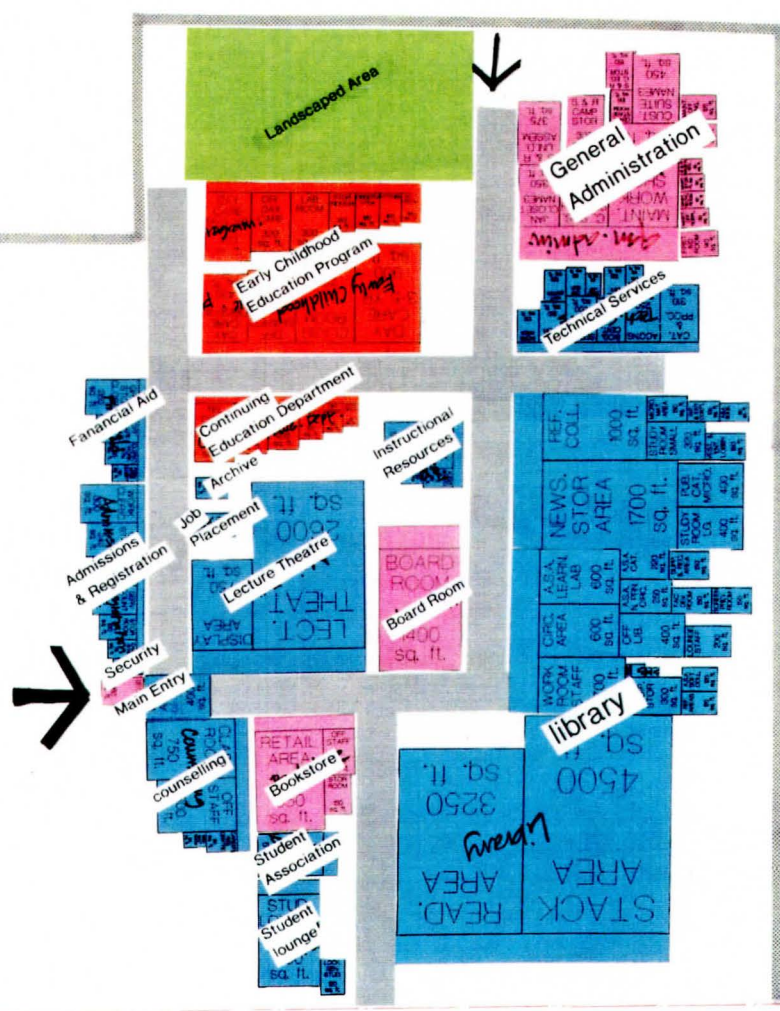
3 STOREY CONCEPT

- Educational Support Group
- Administrative Services Group



Parking

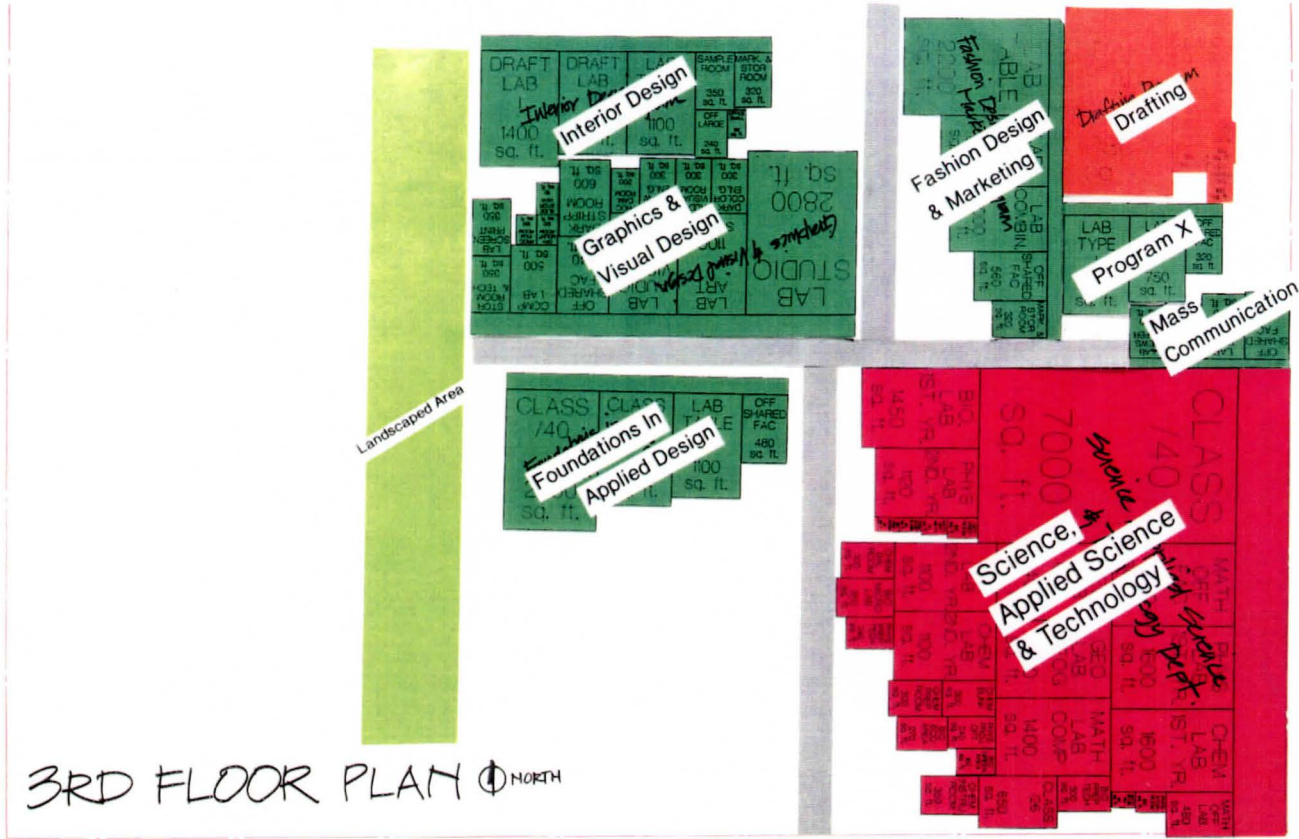
MAIN FLOOR PLAN  NORTH



LAHSDOWNEROAD

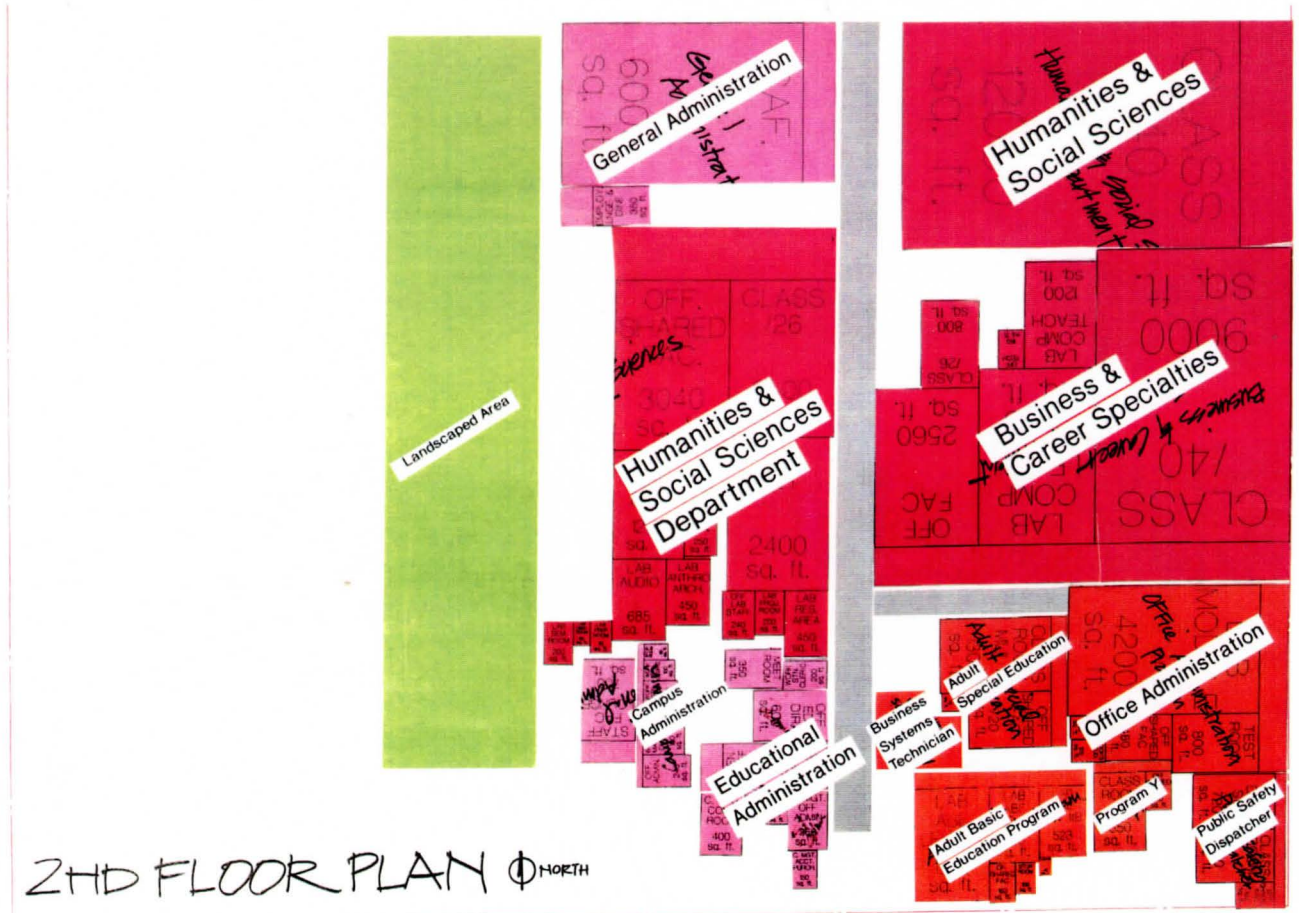
3 STOREY CONCEPT

- Educational Support Group
- Administrative Services Group



3RD FLOOR PLAN NORTH

L A N S D O W I E R O A D



2ND FLOOR PLAN NORTH

L A N S D O W I E R O A D

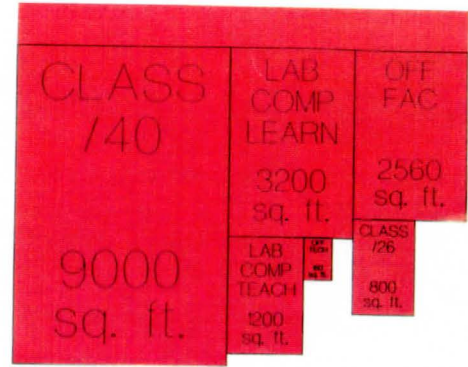


KWANTLEN COLLEGE
MODELLING SESSIONS

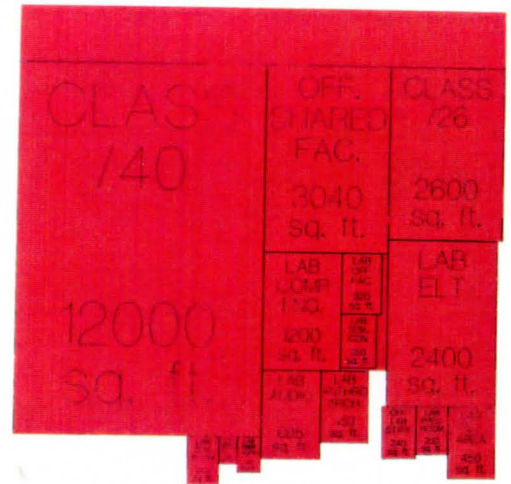
ACADEMIC AND APPLIED STUDIES

Academic & Applied Studies

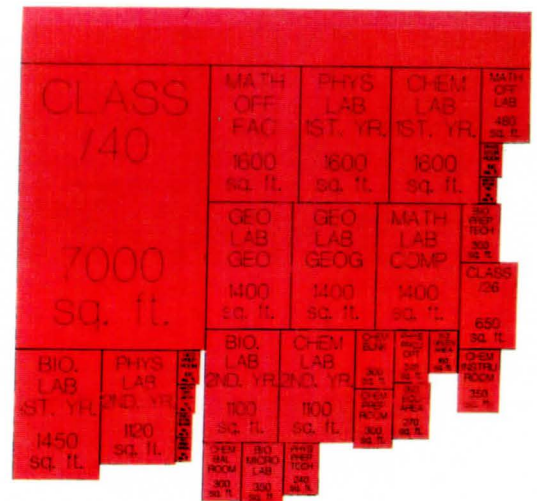
- Business & Career Specialties Dept.



- Humanities & Social Sciences Dept.



- Science, Applied science & Technology Dept.



Date: Thursday, November 23, 1989
Time: 4 pm - 7 pm
Place: Richmond Campus

Attendance:

Brigitte Peter-Chernoff - Kwantlen Facilitator, Library
Dick Koch - UMA Spantec, Project Manager

Ken Dercole - Humanities and Social Service
Roger Elwes - Director, Humanities and Social Service
Bob Rathie - Science Representative
Jackie Tkachuk - Business and Careers, Director
Gordon Fisher - Business and Career Specialties
John Levin - Director, Science and Applied Science

Peter Wreglesworth - AWA
Tom Schaeferle - AWA
Roman Czemerlys - AWA
Michele Hodson - AWA
Barbara Pringle - AWA
Jim Sumi - Process 4 Design
Krista Cooke - Process 4 Design

ISSUES**■ ACADEMIC GROUP AS INDEPENDENT UNIT**

- create Academic Core, introverted quiet common space into which all classrooms and offices flow into
- Academic Functions can be very separate from the other facilities (Entry, Library, Cafeteria, etc.)
- keep labs close to classrooms, reduces frequency of expensive equipment being moved around
- give up some office space, counselling classroom, part of the boardroom and some classrooms and run the college from 8 am to 10 pm to obtain extra space for common Academic core space.
- U-shaped configuration
- prefer top floor for ventilation (chemistry, microbiology)
- don't mind where they are as long as they are together as a unit
- Biology requires south-west corner for ecology class
- if necessary, some classrooms may be put on other floors for other uses
- Chemistry and Biology require easy access for loading chemicals, special elevator to transport chemicals

■ PARKING

- concern for congestion on new access road as cars try to access parking
- concern that residential overflow parking will occur on College site

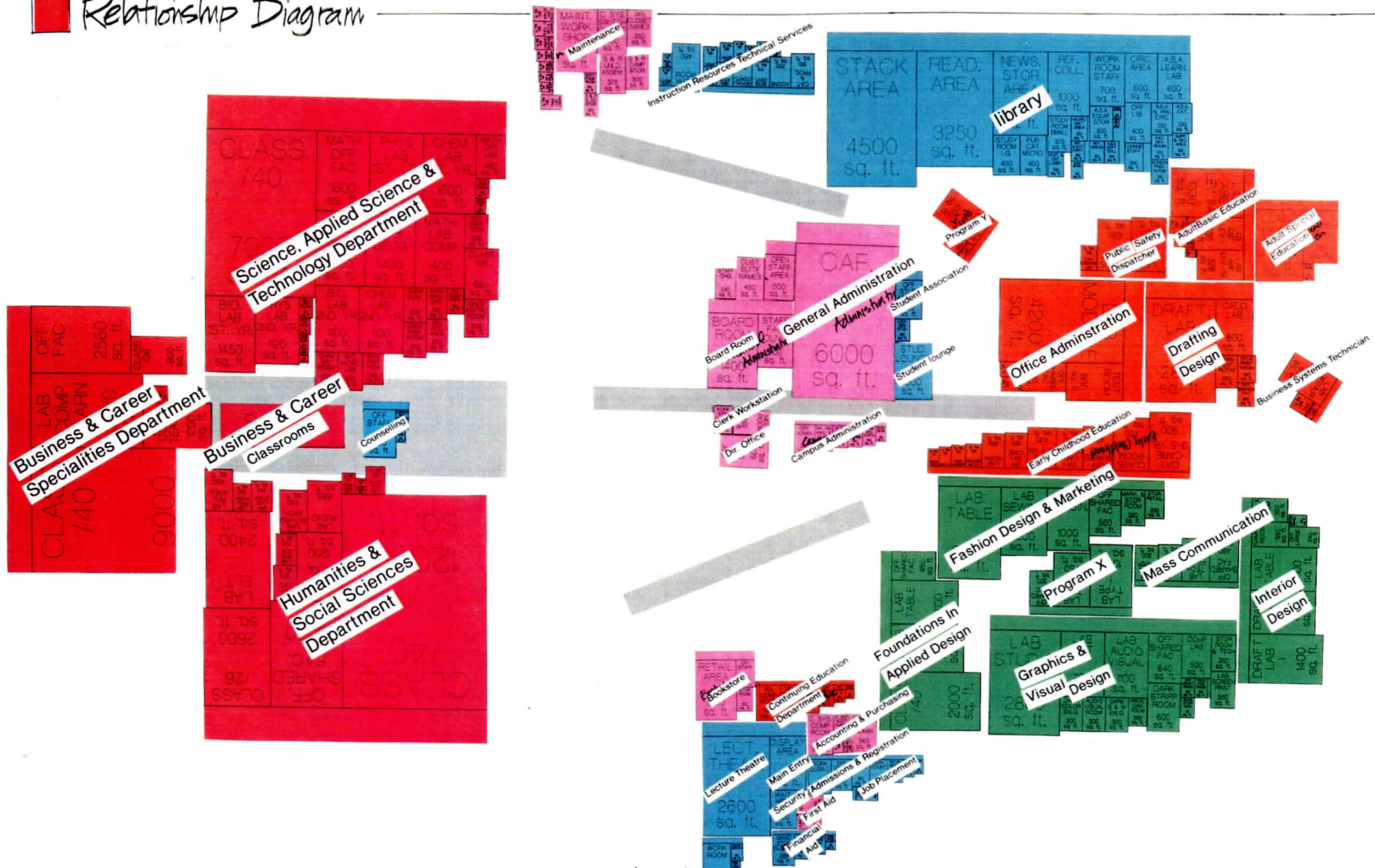
■ LIBRARY

- 3rd Floor location suggested, but problems with late hours security, weight, shipping and receiving
- main Floor for community access
- special quiet isolated place, away from main entry

■ PREFERRED RELATIONSHIPS

- Security and First Aid at Main Entry
- public functions at front door
- Custodial suite should be integrated into staff dining, all staff should eat together
- Adult Special Education on main floor for easy access
- Business and Career specialties does not need to be adjacent to Office Administrator
- Cafeteria and Boardroom should be central
- Director's office and Meeting room and Workstation
- Open Staff Area and Staff Change Room

Relationship Diagram



• Academic & Applied Studies

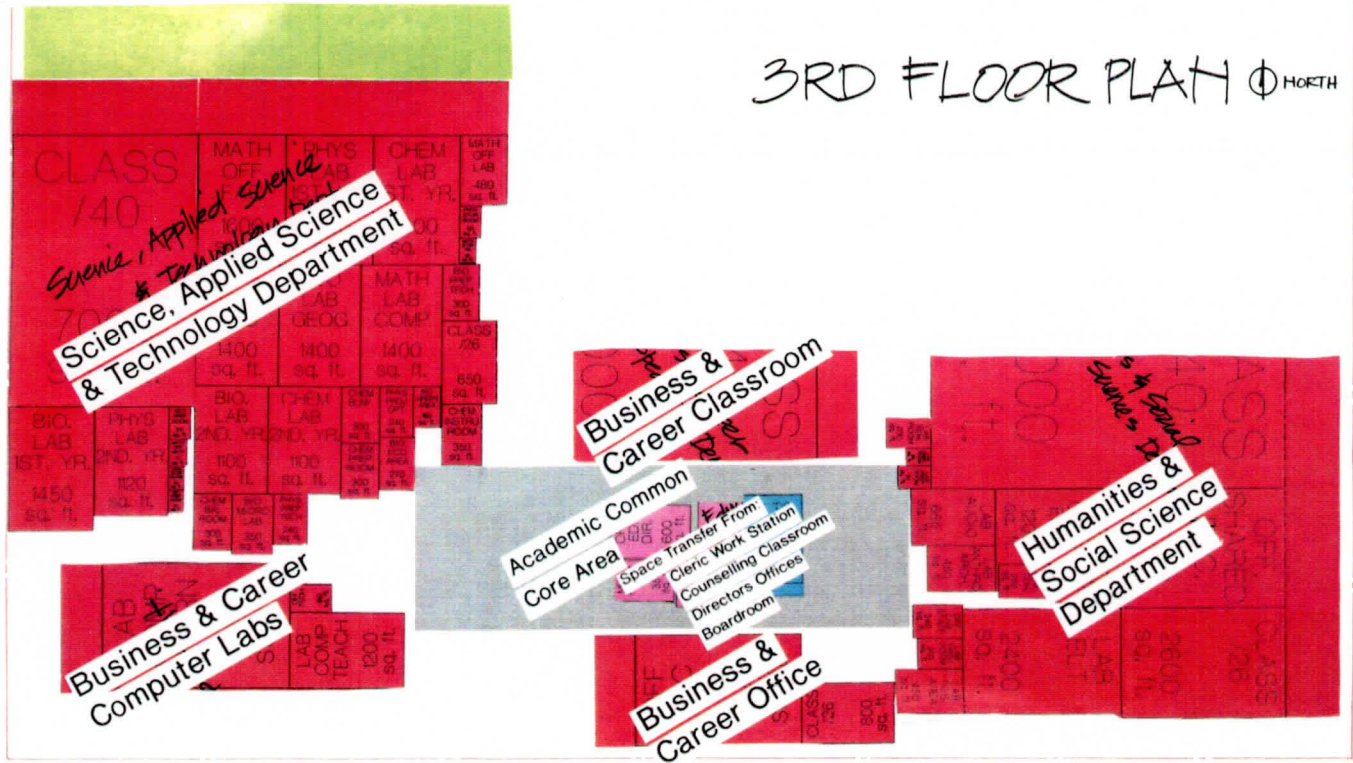
3 STOREY CONCEPT • Academic & Applied Studies Group



LATHSDOWN

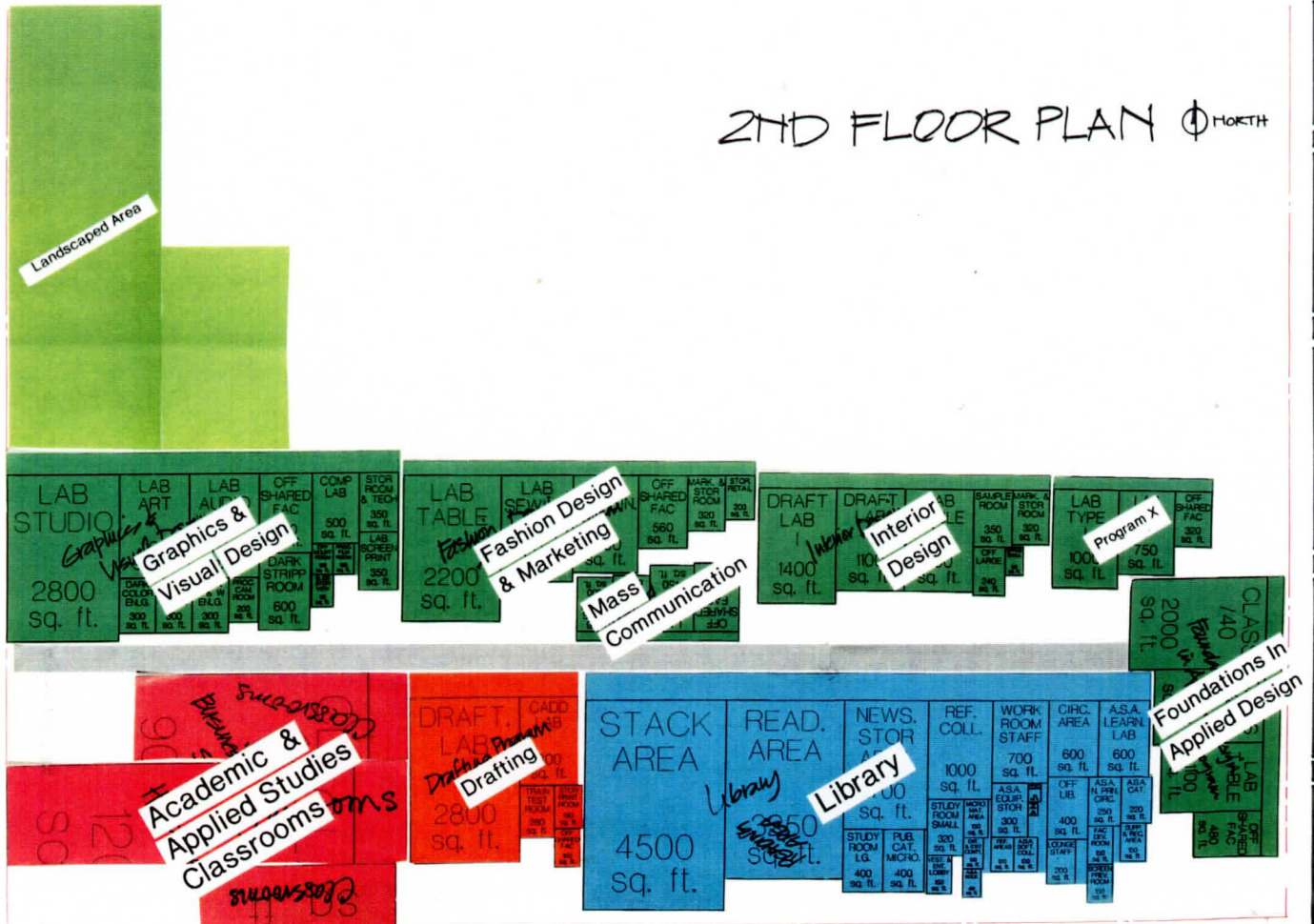
3 STOREY CONCEPT • Academic & Applied Studies Group

3RD FLOOR PLAN Ⓞ NORTH



L A T I S D O W N E R O A D

2ND FLOOR PLAN Ⓞ NORTH



L A H S D O W N E R O A D



KWANTLEN COLLEGE
MODELLING SESSIONS

DIRECTING COMMITTEE

Date: Thursday, November 30, 1989
Time: 2:30 pm - 5:30 pm
Place: Newton Campus

Attendance:

Brigitte Peter-Chernoff - Kwantlen Facilitator, Library
Dick Koch - UMA Spantec, Project Manager

Adrienne MacLaughlin - President
Bob Lowe - Vice President, Education, Academic and Applied Science Division
Derick Francis - Vice President, Educational and Organizational Support
Skip Triplett - Director of Marketing
Gerry Kilcup - Vice President, Education, Applied Arts and Career Preparation Division

Peter Wreglesworth - AWA
Tom Schaeferle - AWA
Roman Czemerly - AWA
Michele Hodson - AWA
Barbara Pringle - AWA

Jim Sumi - Process 4 Design

ISSUES

■ SECURITY

- important to be able to close off areas for special events, night classes, lecture theatre use, design area design area display, etc....

■ ENTRY

- 2 main entries, one ceremonial and one practical near the parking
- Lansdowne road presence, not necessarily an entry, visual effect
- important to have clear entries; there are so many entries at the Surrey campus that it is confusing, especially for night classes
- combine main entry and lecture theatre
- direct access to boardroom from main entry
- Bookstore, Library and Student Services (Counselling, Admissions and Registration, Financial Aid and Job Placement) near main entry for visibility and accessibility
- Daycare should have its own entrance, near a drop-off and pick-up area

■ LIBRARY

- split Library in two; main and 2nd floor.
- enter library on main floor
- no entry on 2nd floor but large windows, near Academic group of classrooms

■ DESIGN CENTRE

- locate on 3rd floor, they are noisy and require natural light
- like the idea of display corridor

■ ACADEMIC CORE

- like the idea but feel all groups should have some identified space
- concern about giving one department something and not the other
- this space could come out of net assignable, classrooms could be smaller, energy is more focused in a smaller room
- need to name the space
- all other departments need their own 'space' (ie: display corridor for Design Centre)

■ ACADEMIC GROUP

- Humanities and Social Science need greater access, more lectures occur there
- Sciences can be farther away, fumes require ventilation, exterior walls, bunker rooms
- no individual offices
- consolidate classrooms

■ PREFERRED RELATIONSHIPS

- Adult Basic Education + Adult Special Education
- Cafeteria + Entry important to Adult Basic Education for wheelchair access.
- Adult Special Education + Counselling both need windows
- Cafeteria + Employee Lounge Dining
- central location for Cafeteria on the 2nd Floor
- hard to teach in classrooms without windows
- Technical Services on Main Floor
- Technical Services + Library
- Technical Services + IRC
- Counselling + Admissions and Registration, with a view, shared receptionist
- Shipping and Receiving should be between Technical Services and Bookstore for daily deliveries
- Continuing Education and Admissions and Registration, shared clerk
- Graphics use Instructional Resources a lot
- Boardroom could be anywhere

3 STOREY CONCEPT • Directing Committee



L A T S D O W T E R O A D

