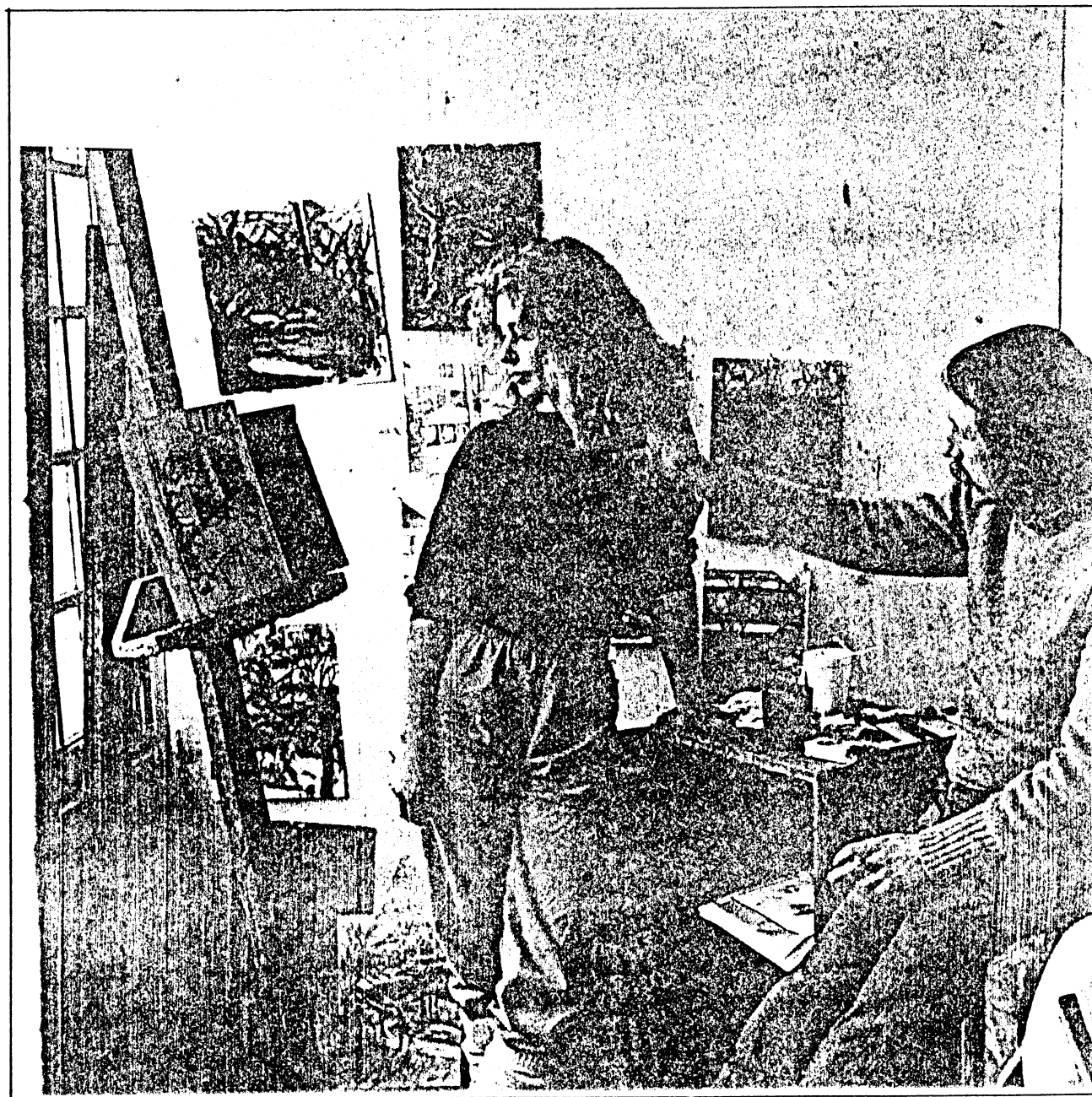


An Accredited Four Year Institute of Art and Design, St. Louis Mo.

SPACE REQUIREMENTS



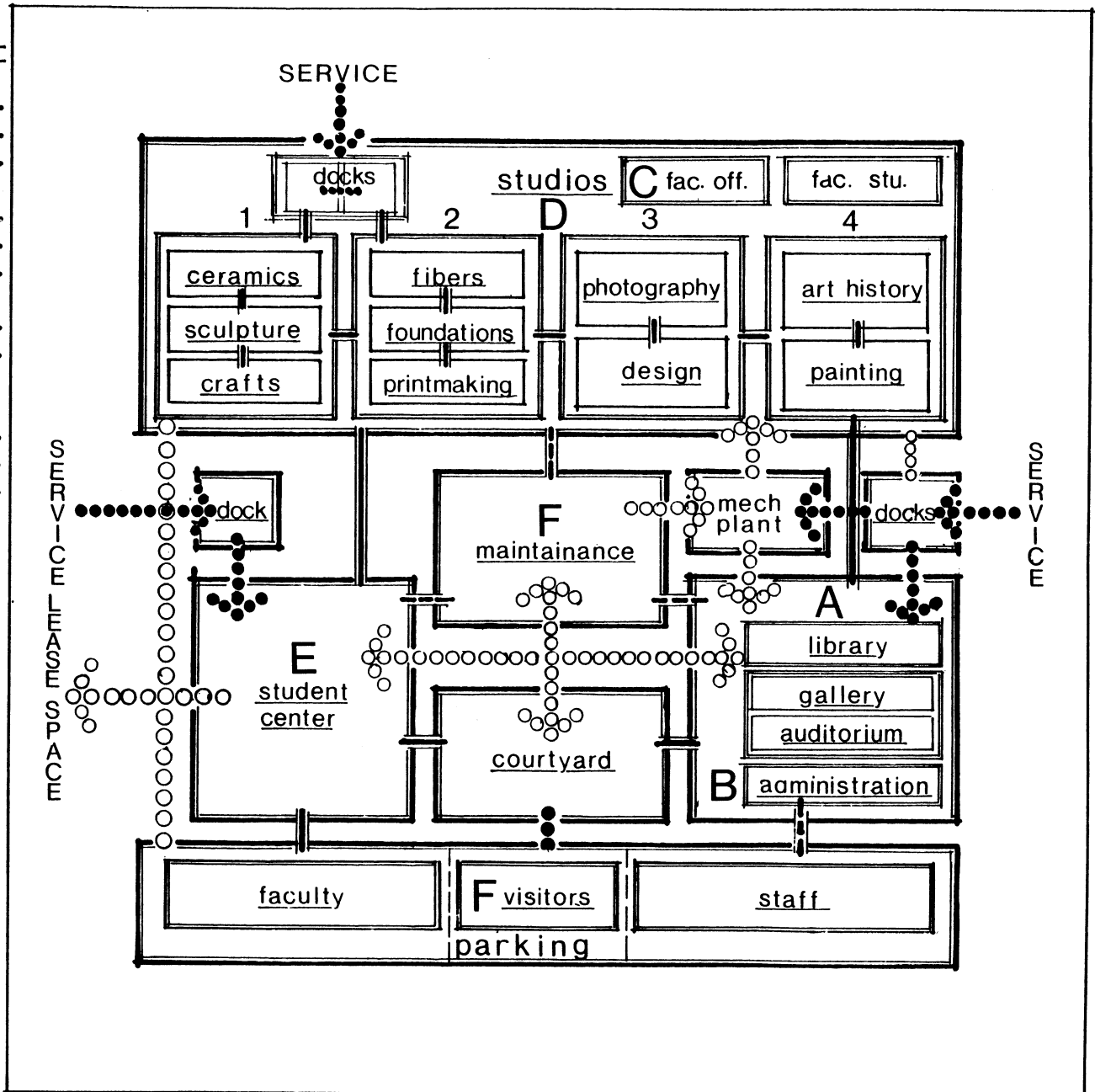
ST. LOUIS ART SPECTRUM INSTITUTE

FACILITY GROUPING

FACILITY BREAKDOWN (DEPARTMENTS)

A Library -----	11517 s.f.
Gallery -----	20355 s.f.
Auditorium -----	6417 s.f.
B Administration (26526 s.f.)	
General -----	8084 s.f.
Student Services -----	7164 s.f.
School Management -----	9579 s.f.
C Faculty (28980 s.f.)	
Studios -----	19320 s.f.
Offices -----	9660 s.f.
D Studios (116430 s.f.)	
Group 1 (45913 s.f.)	
Ceramics -----	15180 s.f.
Sculpture -----	23000 s.f.
Crafts -----	7733 s.f.
Group 2 (25702 s.f.)	
Fibers -----	8625 s.f.
Foundations -----	6900 s.f.
Printmaking -----	10177 s.f.
Group 3 (22609 s.f.)	
Photography -----	12213 s.f.
Design -----	10396 s.f.
Group 4 (22206 s.f.)	
Liberal Arts -----	4485 s.f.
Painting -----	17721 s.f.
E Student Center (107233 s.f.)	
Dormitory -----	95700 s.f.
Cafeteria -----	3690 s.f.
Student Building -----	7843 s.f.
F Maintenance -----	12592 s.f.
Restrooms -----	13300 s.f.
Mechanical Systems -----	16250 s.f.
Parking -----	41250 s.f.

Total Departmental -----	s.f.



DEPARTMENTAL RELATIONSHIPS

	ADMIN	AHIST	CERAM	COURT	DESGN	DORMS	FIBER	FOUND	GALRY	CRAFT	LIBRY	MAINT	PAINT	FACST	PHOTO	PRINT	SCULP	STCTR
ADMIN	●	◐		◐		◐			●		◐	◐		◐				◐
AHIST		●		○				○	◐		●		◐	◐				
CERAM			●	◐	◐		◐	◐		◐		○	◐	◐			●	
COURT				●		◐	◐		●		◐	◐						◐
DESGN					●		◐			◐			◐	◐	●	◐	◐	
DORMS						●		○			○	◐						●
FIBER							●	◐		●			◐	◐	◐	●	○	
FOUND								●	○	◐			○	◐	◐	◐	◐	○
GALRY									●	○	●	◐	●		○	○	○	◐
CRAFT										●		○	◐	◐	○	○	◐	
LIBRY											●		○	○	○			○
MAINT												●				○	◐	●
PAINT													●	◐	◐	○	○	
FACST														●	◐	◐	◐	
PHOTO															●	○		
PRINT																●	○	
SCULP																	●	○
STCTR																		●

●	CONNECTED
◐	CLOSE
◑	NEUTRALLY CLOSE
◒	WEAK
○	INDIRECT
	NO RELATIONSHIP



Area : SEE DEPT.

CLASSROOM

QUANTITY : SEE SPECIFIC DEPT.

USERS

STUDENTS & FACULTY

FUNCTION

CLASSROOM, PLACE FOR LECTURES WITH AUDIOVISUAL, AND FOR STUDENTS TO INTERACT VISUALLY AND VOCALLY

EQUIPMENT

CLOSETS FOR AUDIOVISUAL EQUIPMENT, OVERHEAD PROJECTOR, SLIDE PROJECTOR PODIUM, MOVABLE SEATING,

SPECIAL CONSIDERATIONS

FIRE EXITS AND DISTANCE TO THE OUTSIDE, CONTROLLABLE NATURAL LIGHTING, POSSIBLE LOUVERING, POSSIBLE WINDOW FLEXIBILITY

SYSTEMS :

-Security NO

-H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT

-Plumbing NONE

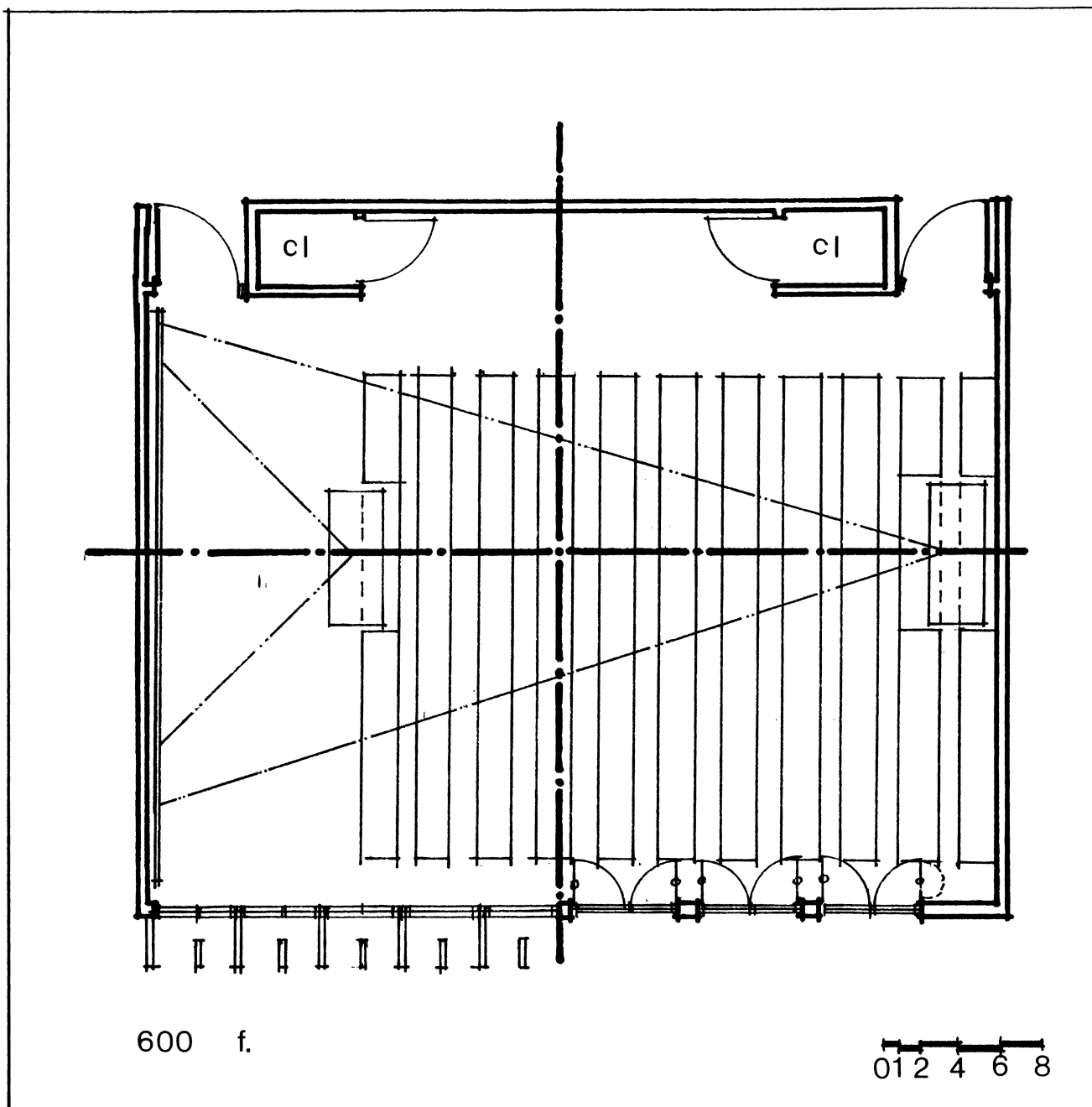
-Lighting NATURAL, SEE LAYOUT FLUORESCENT

FINISHES

-Floor RESILIENT TILE

-Walls DRYWALL, PAINT

-Ceiling ACOUSTICAL TILE



Area: TYPICAL

TYPICAL FAN ROOM

QUANTITY : SEE SPECIFIC DEPT.
USERS
MAINTAINANCE

FUNCTION
MECHANICAL EQUIPMENT ROOM

EQUIPMENT
AIR HANDLING UNIT, ELECTRICAL PANELS
GENERAL, REFER TO DEPARTMENT GROUPING

SPECIAL CONSIDERATIONS
MUST HAVE OUTSIDE AIR
SOUND TREATMENT FOR THE REDUCTION OF
MECHANICAL NOISE

SYSTEMS:

—Security LOCKED AT ALL TIMES

—H.V.A.C. NONE

—Plumbing INCMING PIPING TO FEED
AIR HANDLING UNIT

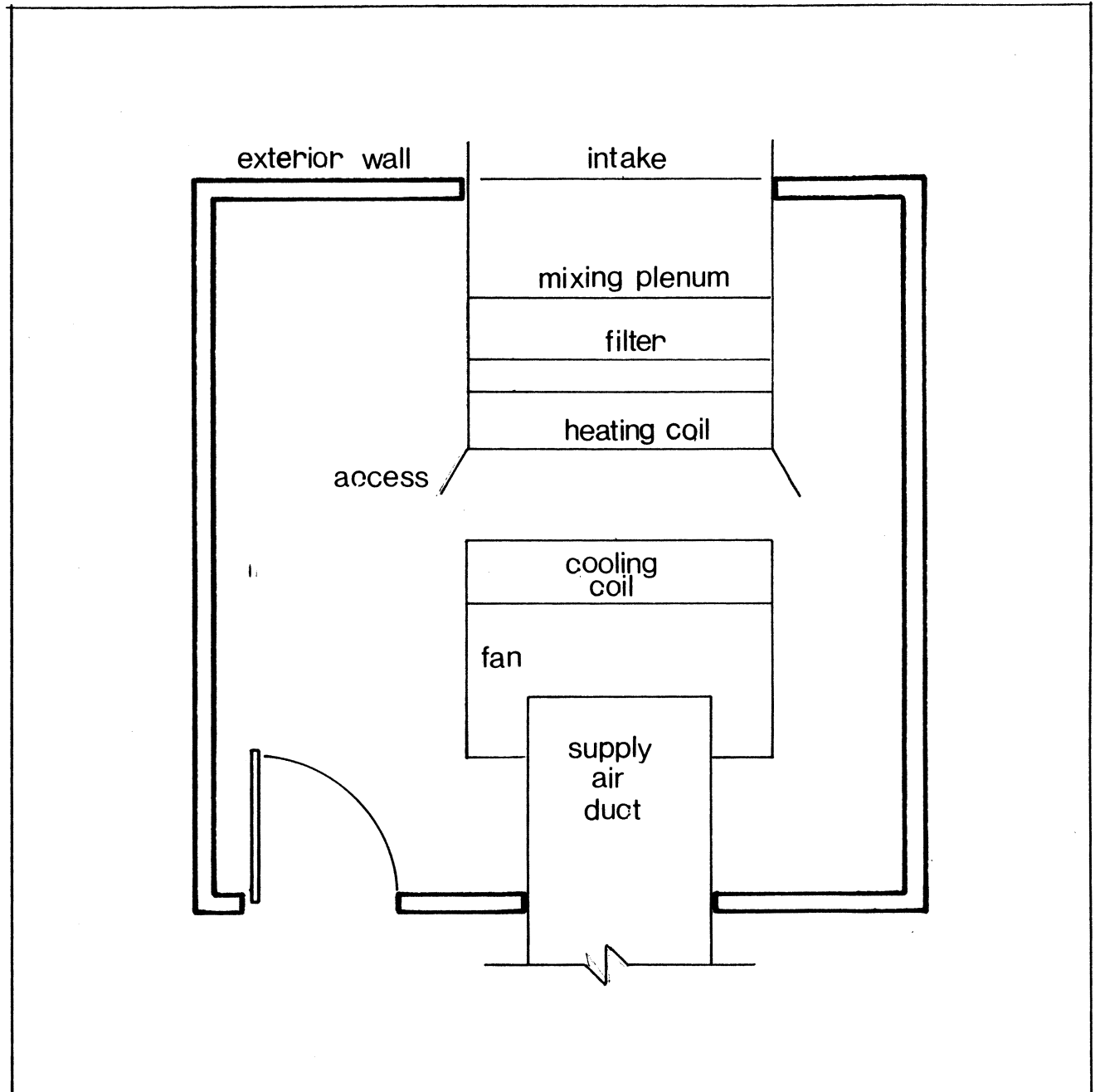
—Lighting FLUORESCENT

FINISHES

—Floor CONCRETE

—Walls CONCRETE, DRYWALL, TO
FIT SPECIFIC DEPT GROUP

—Ceiling OPEN PLENUM



Area : TYPICAL

STORAGE

QUANTITY : SEE SPECIFIC DEPT.
USERS
STUDENTS, IN GENERAL ALL USERS

FUNCTION
STORAGE AREA

EQUIPMENT
SHELVES, DESK, CHAIR , LADDER, IN
GENERAL PENDING TO THE SPECIFIC
DEPARTMENT

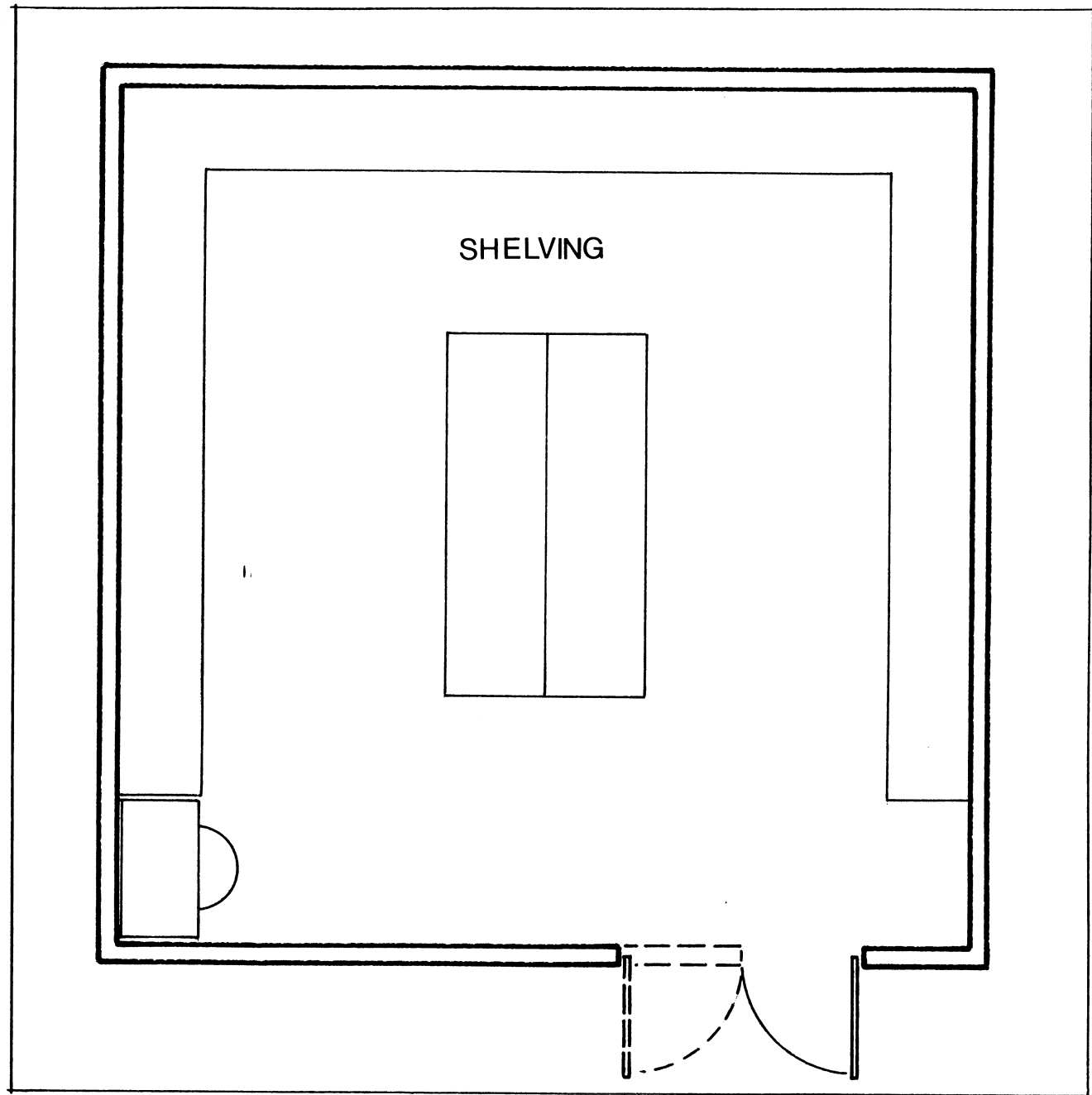
SPECIAL CONSIDERATIONS
CONTROLLED BY LOCKS AT ALL TIMES
NO NATURAL LIGHT

SYSTEMS :

- Security LOCKED AT ALL TIMES
- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT, SEE DEPT.
- Plumbing SEE DEPT. GENERALLY NONE
- Lighting FLUORESCENT

FINISHES

- Floor RESILIENT TILE, CONCRETE IN SOME DEPTS.
- Walls FIRE RATED, CONCRETE, DRYWALL, PAINT
- Ceiling OPEN PLENUM



Area: SEE DEPT.

OFFICE

QUANTITY : SEE SPECIFIC DEPT.

USERS

FACULTY & STAFF

FUNCTION

GENERAL OFFICE PAPER WORK, CASE STUDY

EQUIPMENT

GENERAL OFFICE EQUIPMENT, DESK, CREDENZA
SIDE CHAIRS, FILES, SHELVING

SPECIAL CONSIDERATIONS

MUST HAVE NATURAL LIGHT

SYSTEMS:

-Security PERSONAL USE

-H.V.A.C. SINGLE ZONE, CLOSED
THERMOSTAT

-Plumbing NONE

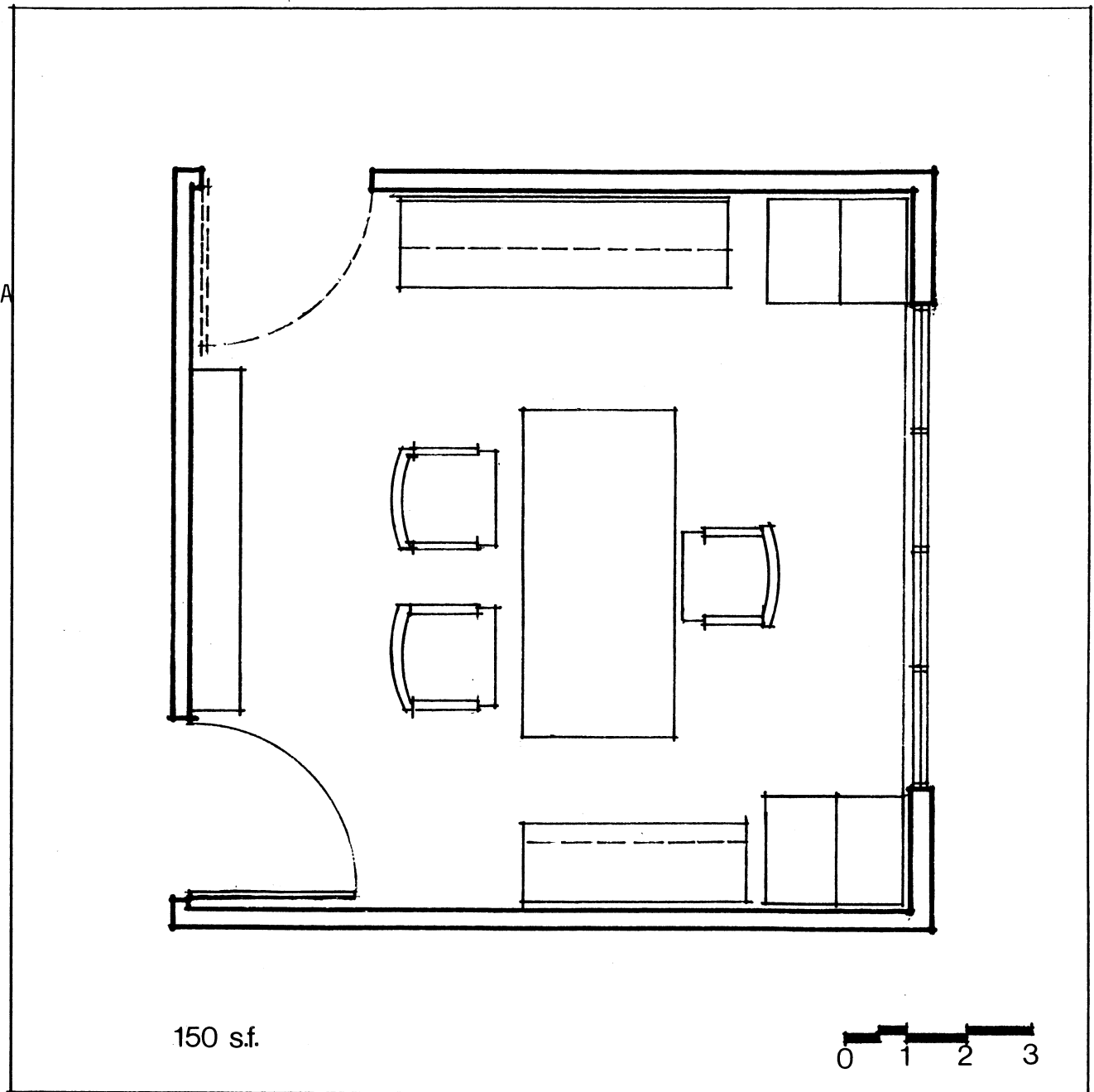
-Lighting FLUORESCENT

FINISHES

-Floor RESILIENT TILE, CARPET

-Walls DRYWALL, PAINT

-Ceiling ACOUSTICAL TILE



S T . L O U I S A R T S P E C T R U M I N S T I T U T E

Area:TYPICAL

LOCKERS

QUANTITY : SEE SPECIFIC DEPT.
USERS
STUDENTS

FUNCTION
PERSONAL STORAGE AREA

EQUIPMENT
2x2x2 MODULES, SOME BENCHES

SPECIAL CONSIDERATIONS
OPEN FOR VISUAL RECOGNITION
SEE POSSIBLE LAYOUTS

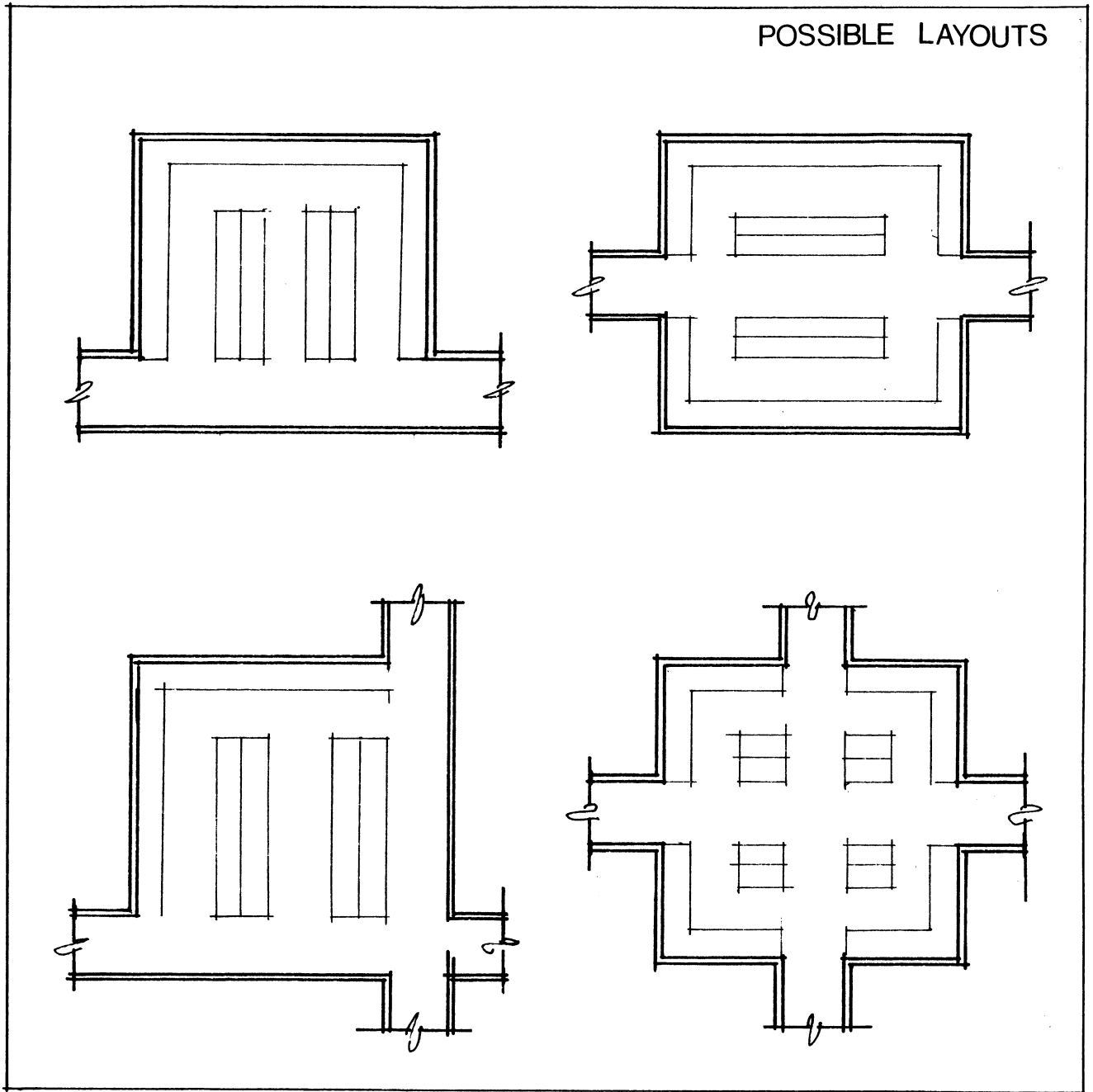
SYSTEMS:

- Security VISUAL CONTROL
- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT
- Plumbing NONE
- Lighting FLUORESCENT

FINISHES

- Floor RESILIENT TILE
- Walls CONCRETE OR FIRE RATED DRYWALL, PAINT
- Ceiling ACOUSTICAL TILE

POSSIBLE LAYOUTS



Area: TYPICAL

RECEPTION COUNTER

QUANTITY : SEE SPECIFIC DEPT.

USERS

STUDENTS, FACULTY, STAFF

FUNCTION

SEE SPECIFIC DEPARTMENT

EQUIPMENT

GENERAL OFFICE EQUIPMENT
COUNTER, COMPUTER TERMINAL, DESK &
RETURNS, TYPEWRITERS,

SPECIAL CONSIDERATIONS

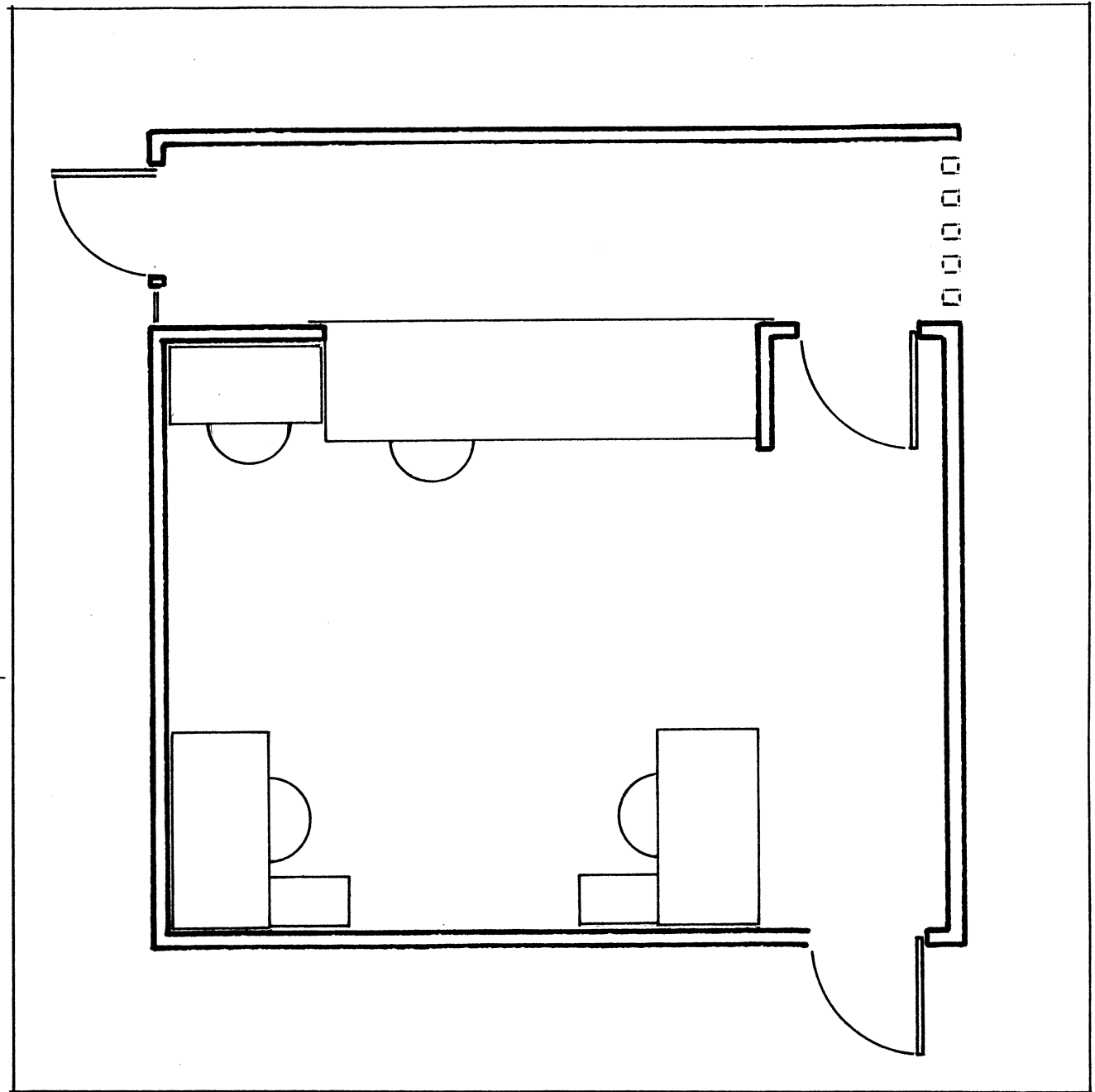
HAS TO REFLECT OPENNESS

SYSTEMS :

- Security ALARM
- H.V.A.C. VARIABLE VOL. CLOSED THERMOSTAT
- Plumbing NONE
- Lighting FLUORESCENT, SOME NATURAL PREFERRED

FINISHES

- Floor RESILIENT TILE
- Walls DRYWALL, PAINT
- Ceiling ACOUSTICAL TILE



QUANTITY : SEE SPECIFIC DEPT.

USERS

FACULTY & STAFF

FUNCTION

WORK ROOM, PAPER WORK

EQUIPMENT

SHELVES WORK TABLE, CHAIRS FILES,

SPECIAL CONSIDERATIONS

SOME NATURAL LIGHT

SYSTEMS :

-Security NO

-H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT

-Plumbing NONE

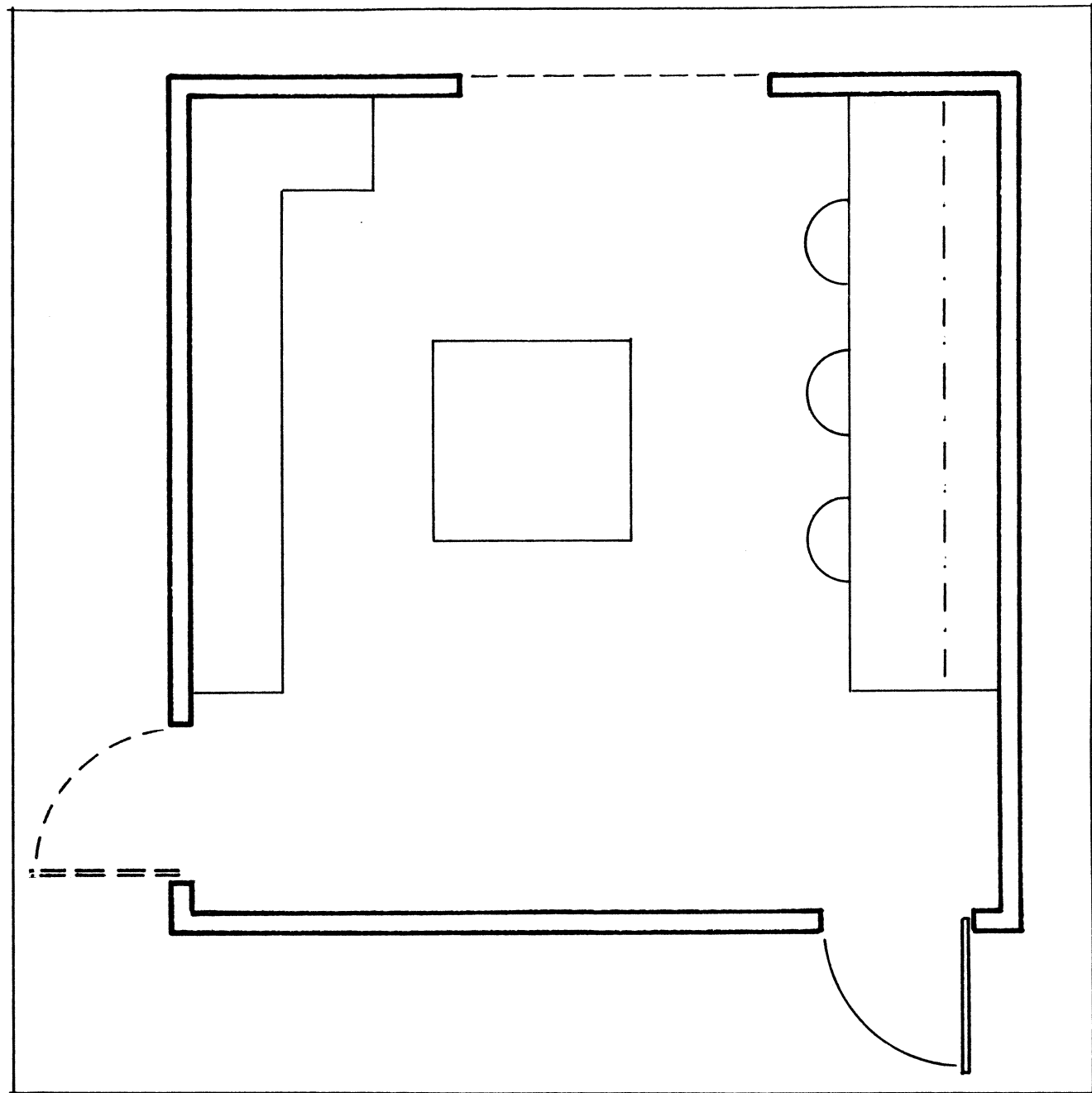
-Lighting NATURAL, FLUORESCENT

FINISHES

-Floor RESILIENT TILE

-Walls DRYWALL, PAINT

-Ceiling ACOUSTICAL TILE

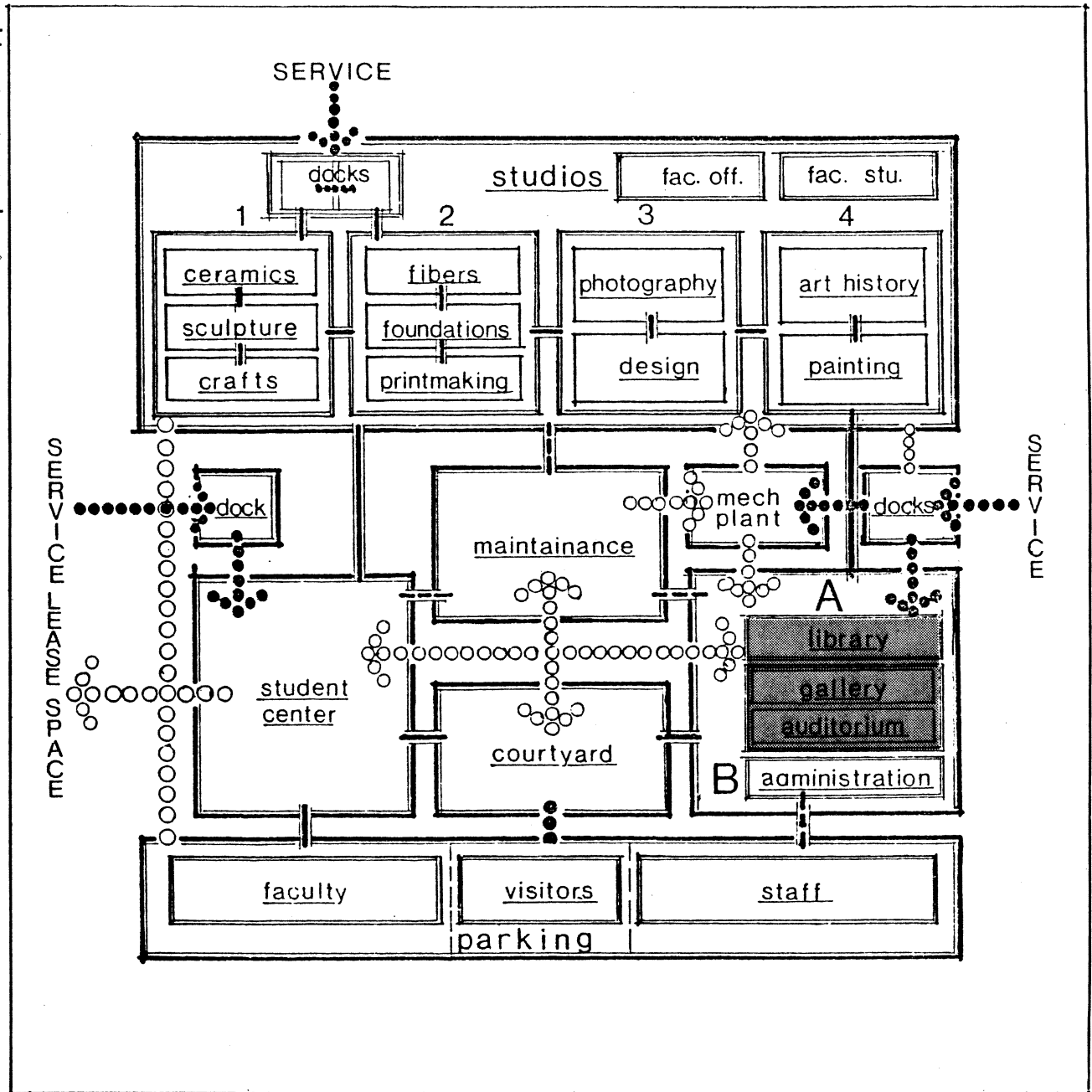


DIVISION A

DIVISION A

Library -----	13087 s.f.
Gallery -----	22125 s.f.
Auditorium -----	6975 s.f.

TOTAL DIVISION -----	42187 s.f.



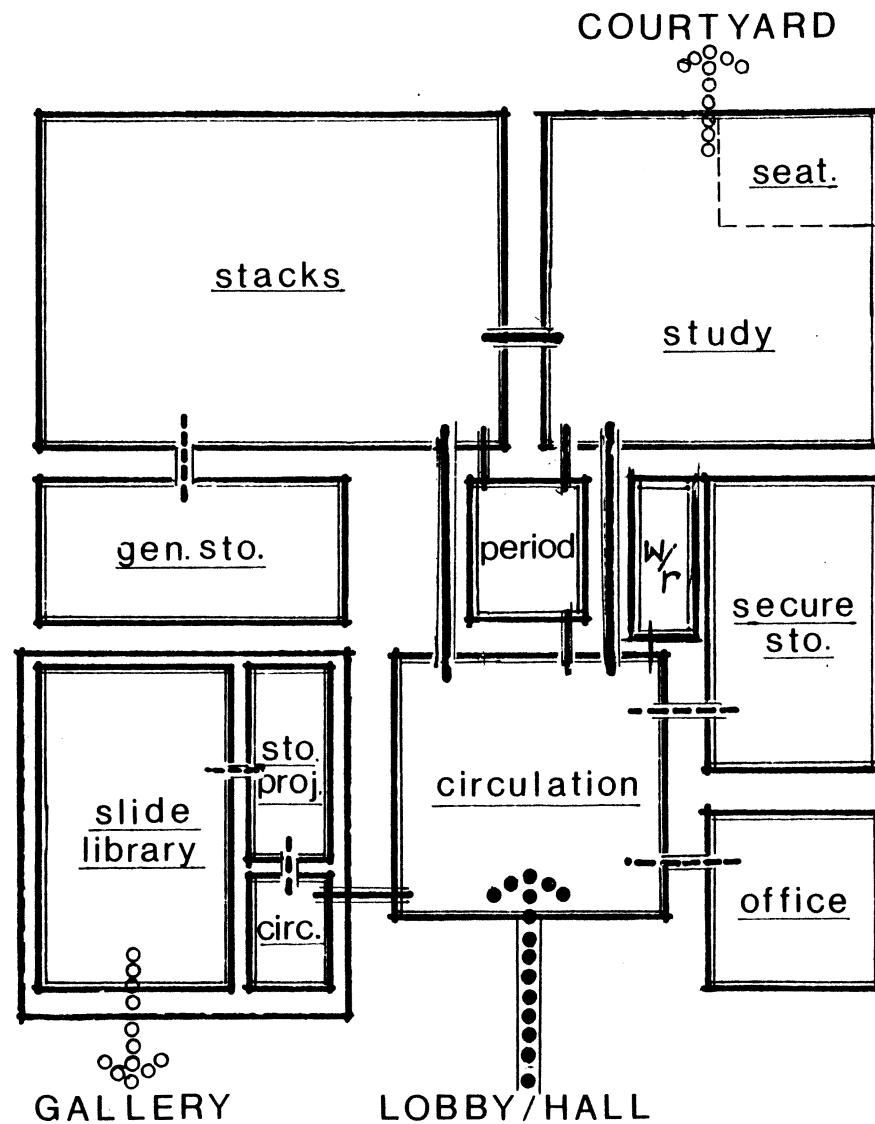
LIBRARY

Circulation	200 s.f.
Work Room	500 s.f.
Stacks	3500 s.f.
Periodicals	100 s.f.
Reading & Study	1250 s.f.
General Storage	350 s.f.
Secure Storage	270 s.f.
Director's Office	150 s.f.
Slide Library	1000 s.f.
Projection & Storage	70 s.f.
Slide Circulation & Book Drop	80 s.f.

Gross	7470 s.f.
Expansion	3000 s.f.

Complete Cycle	10470 s.f.
25% Circulation	2617 s.f.

Total	13087 s.f.



Area: 200 S.F.

circulation

QUANTITY: 1

USERS

GENERAL USERS, ONLY STUDENTS CAN
CHECK OUT BOOKS

FUNCTION

CHECK OUT OF BOOKS, CONTROL POINT
ENTRY POINT, MAIN DISTRIBUTION POINT

EQUIPMENT

COUNTER, TYPEWRITERS, FILES, CARD
CATALOG, WORK COUNTER, GENERAL
STACKS FOR REFERENCE, COPIER,

SPECIAL CONSIDERATIONS

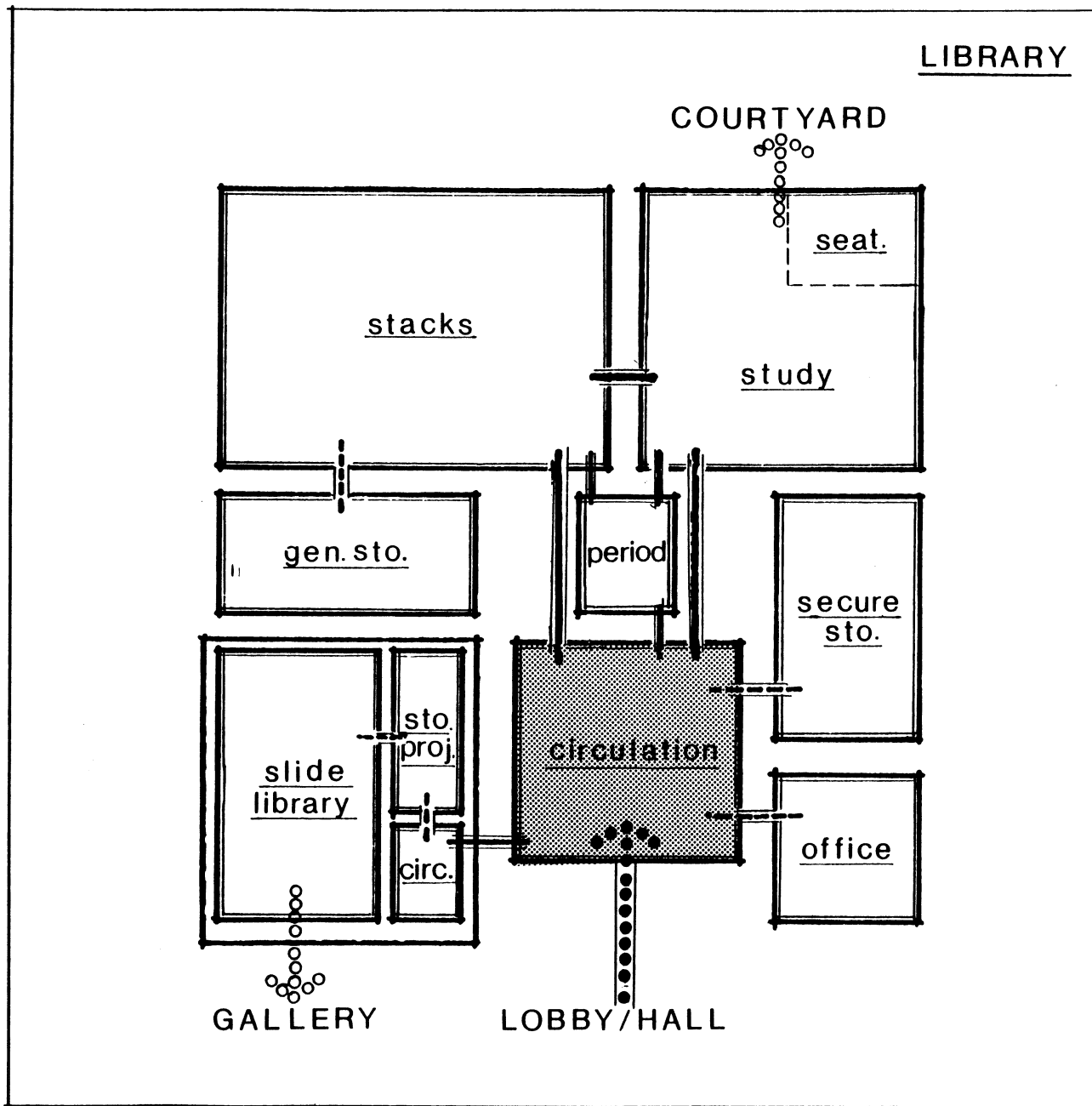
SINCE IT IS THE MAIN CONTROL POINT,
DESIGN CONSIDERATION SHOULD REFLECT
SECURITY, AND PERIPHERAL VISIBILITY

SYSTEMS:

- Security ONE WAY FIRE DOORS
- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT
- Plumbing NO
- Lighting FLUORESCENT

FINISHES

- Floor CARPET
- Walls FABRIC, WASHABLE
- Ceiling HANGING TILE



Area: 500 S.F.

workroom

QUANTITY: 1
USERS

LIBRARY STAFF

FUNCTION

WROK AREA, BINDING, COUNTING, CARD MAKING, CATALOGUING, MICROFICHE STORAGE MICROFILM STORAGE.

EQUIPMENT

TABLES, CHAIRS, DESK, TYPEWRITER, MICROFICHE SCREEN, MICROFILM SCREENS SHELVING, FILES

SPECIAL CONSIDERATIONS

POSSIBLE NATURAL LIGHT,

SYSTEMS:

-Security VISUAL FORM CIRCULATION

-H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT

-Plumbing NONE

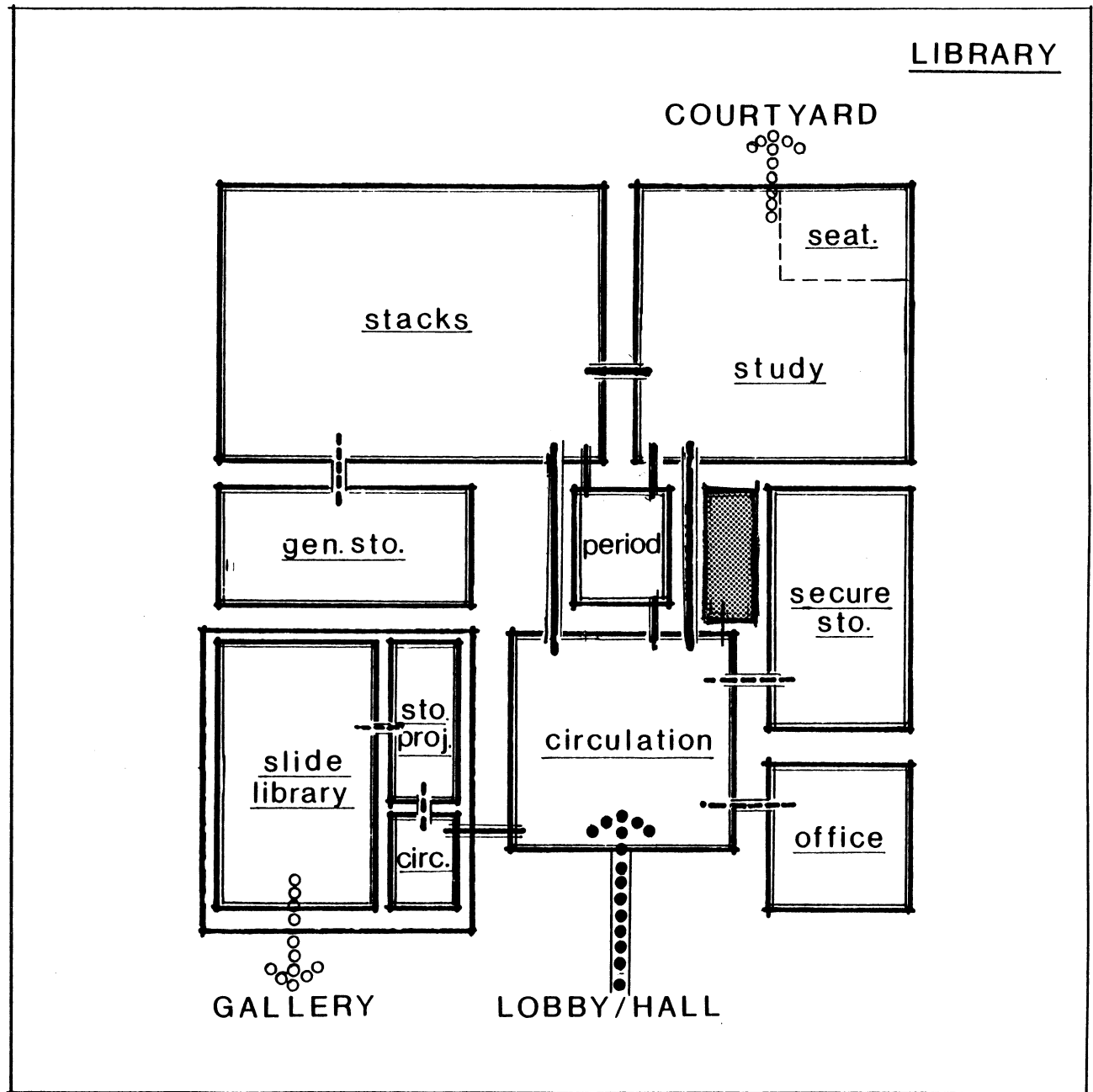
-Lighting NATURAL, FLUORESCENT

FINISHES

-Floor RESILIENT TILE

-Walls DRYWALL, PAINT

-Ceiling ACOUSTICAL TILE



Area: 3500 S.F.

stacks

QUANTITY: 2 GROUPS

USERS

STUDENTS, FACULTY, STAFF

FUNCTION

BOOK STACKS, CATALOGUED IN ORDER

EQUIPMENT

SHELVING

SPECIAL CONSIDERATIONS

NO NATURAL LIGHTING SHOULD ENCOMPASS
ITS SURROUNDINGS

MINIMUM AISLE SPACING IS 3 FEET

SYSTEMS:

- Security VISUAL CONTACT

- H.V.A.C. SINGLE ZONE, REGULAR
TEMPERATURE, & AIR FLOW

- Plumbing NONE

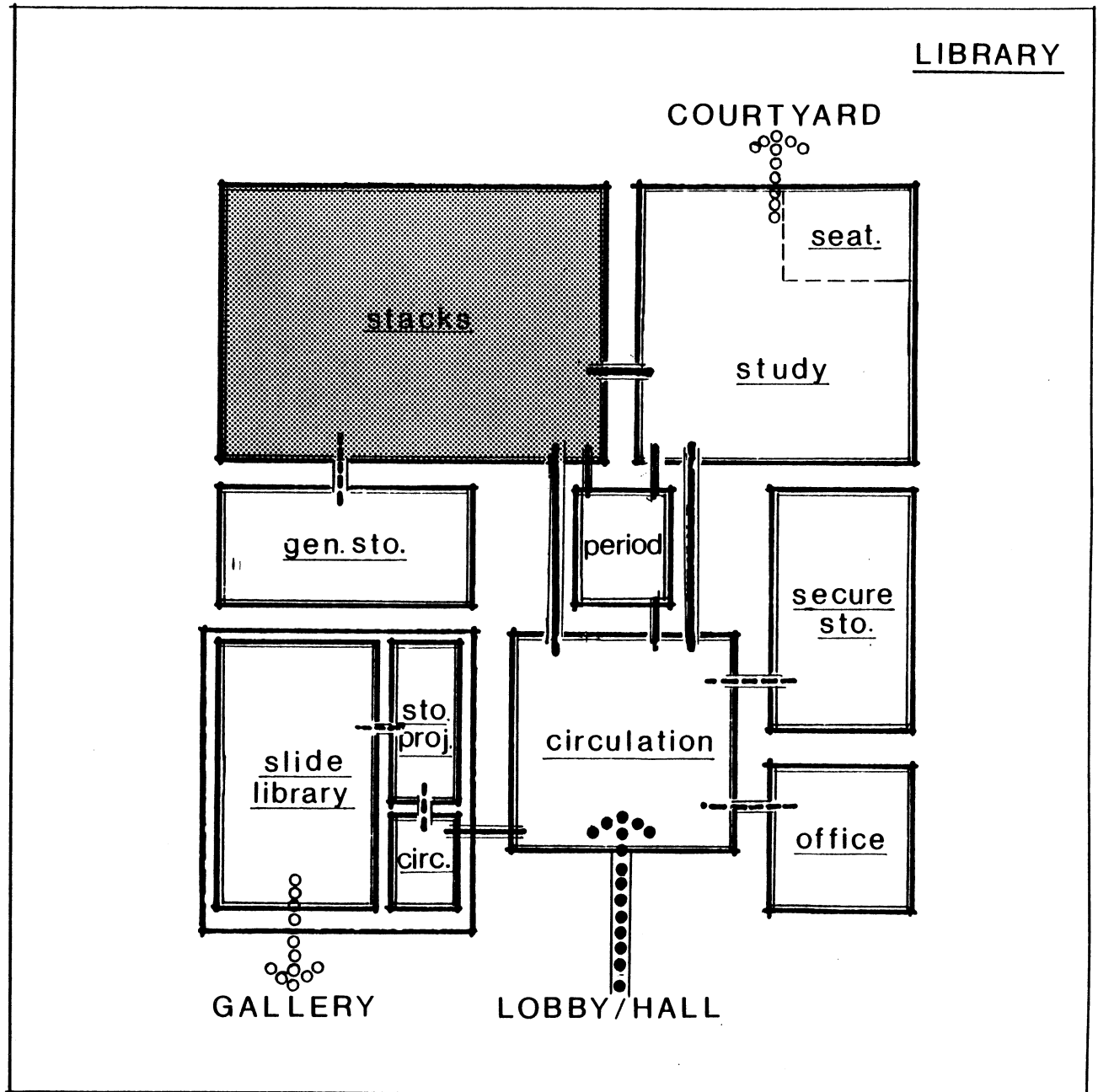
- Lighting FLUORESCENT

FINISHES

- Floor TILE AND OR CARPET
(CIRCULATION)

- Walls WASHABLE FABRIC

- Ceiling ACOUSTICAL TILE



ST. LOUIS ART SPECTRUM INSTITUTE

Area: 100 S.F.

periodicals

QUANTITY : 2

USERS

STUDENTS, FACULTY, & STAFF

FUNCTION

AREA WHERE NEW PUBLICATIONS, MAGAZINES, NEWSPAPERS, & GENERAL INFORMATION ARE GATHERED.

EQUIPMENT

STACKS, SHELVES, CHAIRS, COMFORTABLE SEATING.

SPECIAL CONSIDERATIONS

OPEN TO THE STUDY AREA, ONE OR TWO WALLS MAY BE NECESSARY

SYSTEMS:

- Security NO

- H.V.A.C. NOT APPLICABLE

- Plumbing NO

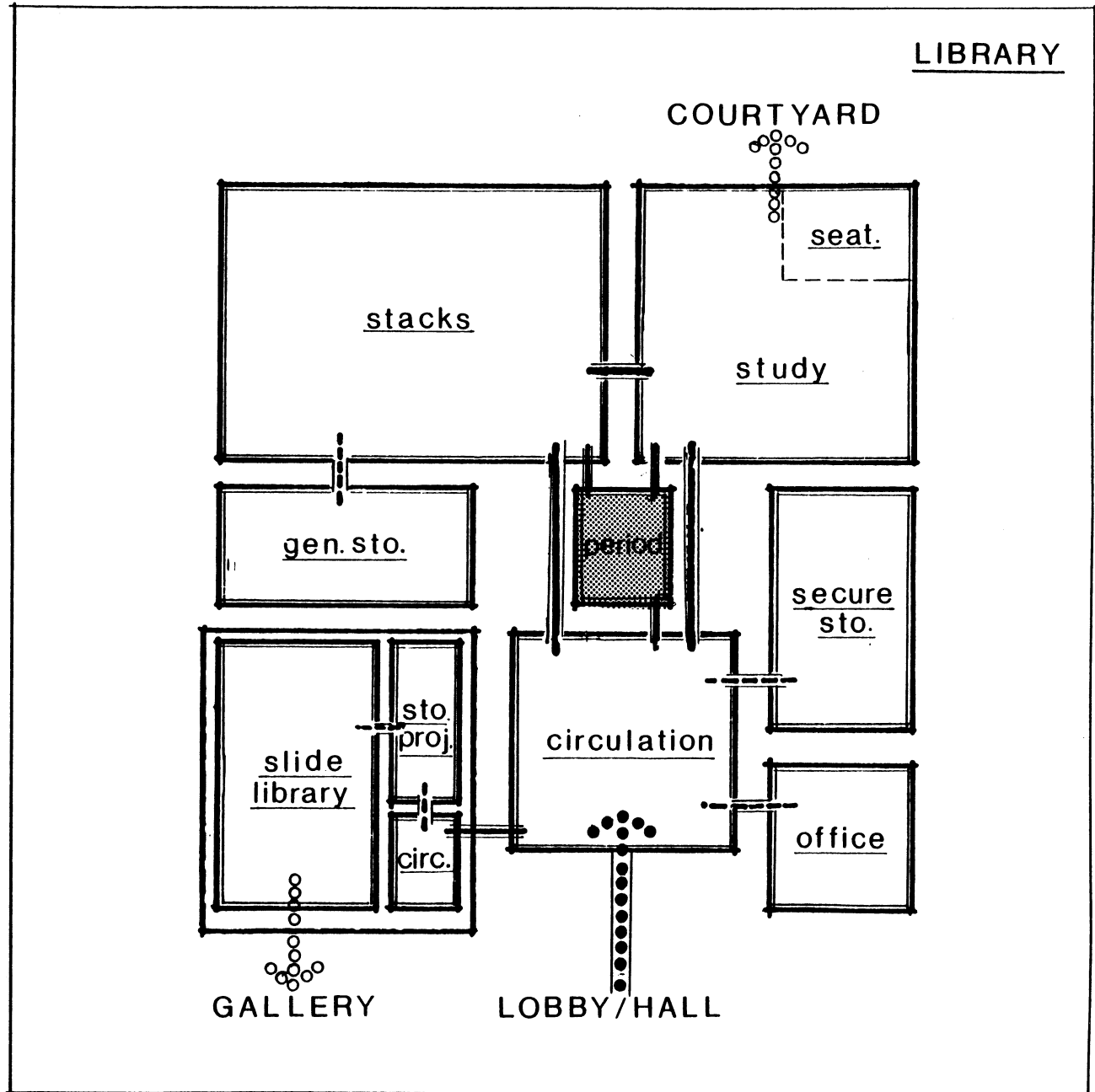
- Lighting FLUORESCENT, SOME TASK LIGHTING, PREFERABLE WINDOW TO THE SOUTH.

FINISHES

- Floor CARPET

- Walls FABRIC, WASHABLE

- Ceiling HANGING TILE



S T . L O U I S A R T S P E C T R U M I N S T I T U T E

Area: 1250 S.F.

reading & study

QUANTITY: 2
USERS
STUDENTS, FACULTY,

FUNCTION
GENERAL STUDY SEATING

EQUIPMENT
TABLES AND CHAIRS
INDIVIDUAL WORK STATIONS

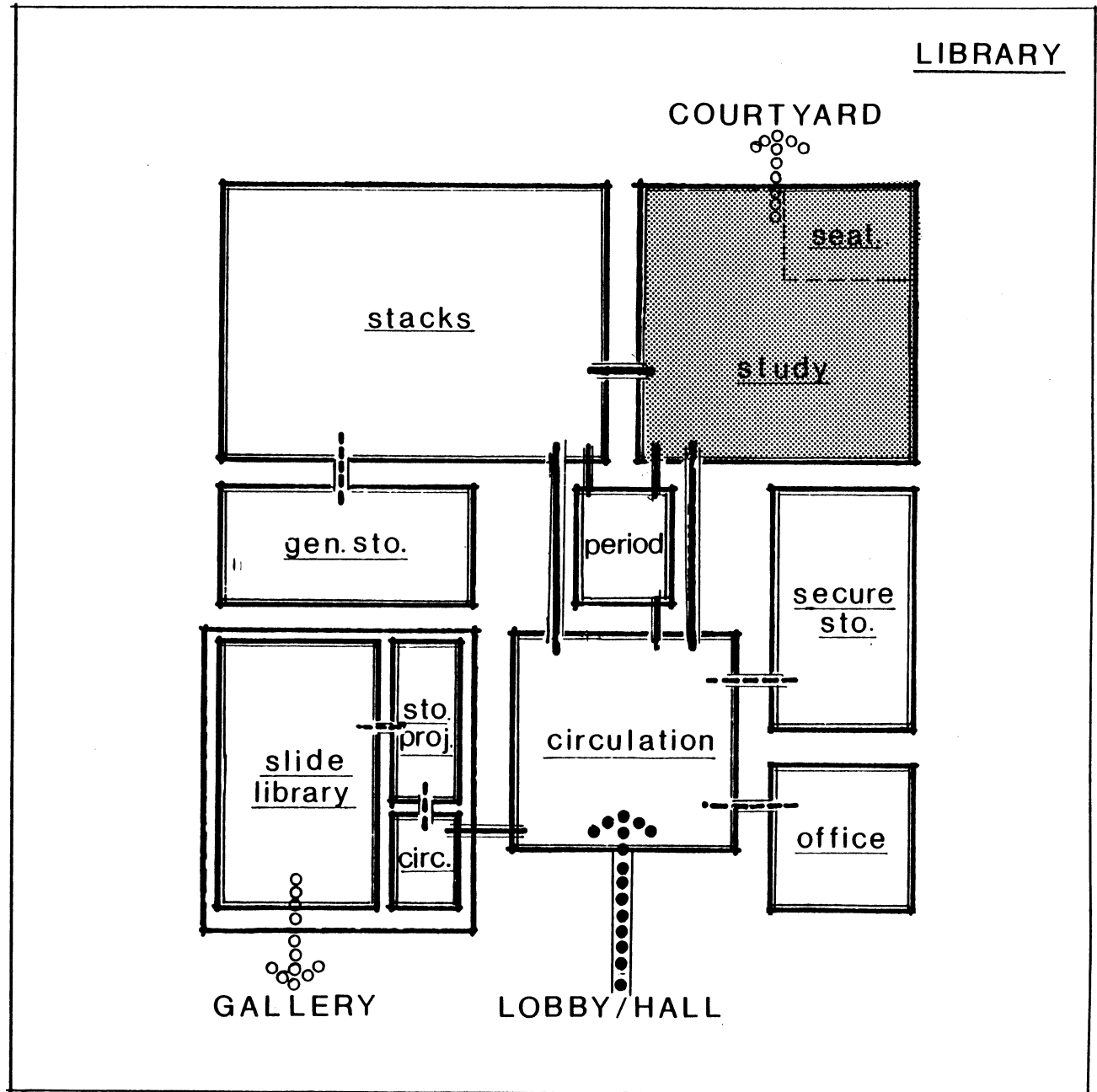
SPECIAL CONSIDERATIONS
HIGH ACOUSTICAL TREATMENT, (NC 25)
IN GENERAL VERY OPEN
SOME COMFORTABLE SEATING; VIEWS

SYSTEMS:

- Security NO
- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT
- Plumbing NONE
- Lighting FLUORESCENT, SOME TASK LIGHTING, NATURAL SOUTH EXPOSURE

FINISHES

- Floor CARPET
- Walls FABRIC, WASHABLE, SOME ABSORBENT TILE
- Ceiling ACOUSTICAL TILE



Area: 350 S.F.

general storage

QUANTITY: 2 GROUPS @ 175 s.f.

USERS

LIBRARY STAFF

FUNCTION

GENERAL COLLECTION STORAGE

EQUIPMENT

TABLE, CHAIR, SHELVING, BOOK STACKS

SPECIAL CONSIDERATIONS

15' HEIGHT, CONTROL OF VENTILATION
NO NATURAL LIGHT

SYSTEMS:

- Security NO

- H.V.A.C. SINGLE ZONE, HUMIDITY
CONTROL, REGULAR TEMP.

- Plumbing NONE

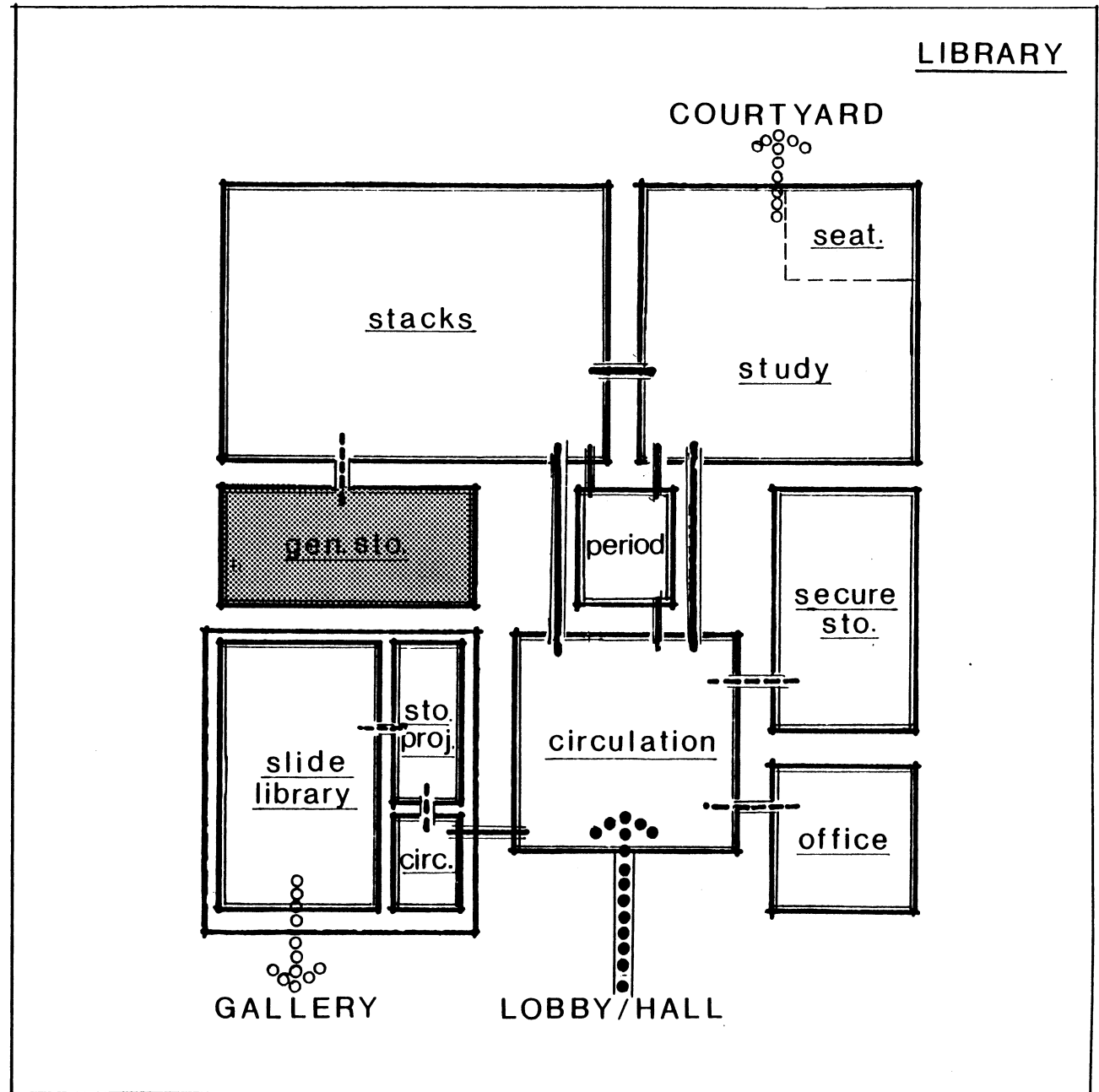
- Lighting FLUORESCENT

FINISHES

- Floor RESILIENT TILE

- Walls DRY WALL, FIRE RATED,
PAINT

- Ceiling OPEN PLENUM



ST. LOUIS ART SPECTRUM INSTITUTE

Area: 270 S.F.

secure storage

QUANTITY: 1
USERS
LIBRARY STAFF

FUNCTION

RESERVE BOOK STORAGE, UNCATALOGUED PUBLICATIONS, COPIER SUPPLIES

EQUIPMENT

SHELVING, FILE CABINETS, TABLE, CHAIRS

SPECIAL CONSIDERATIONS

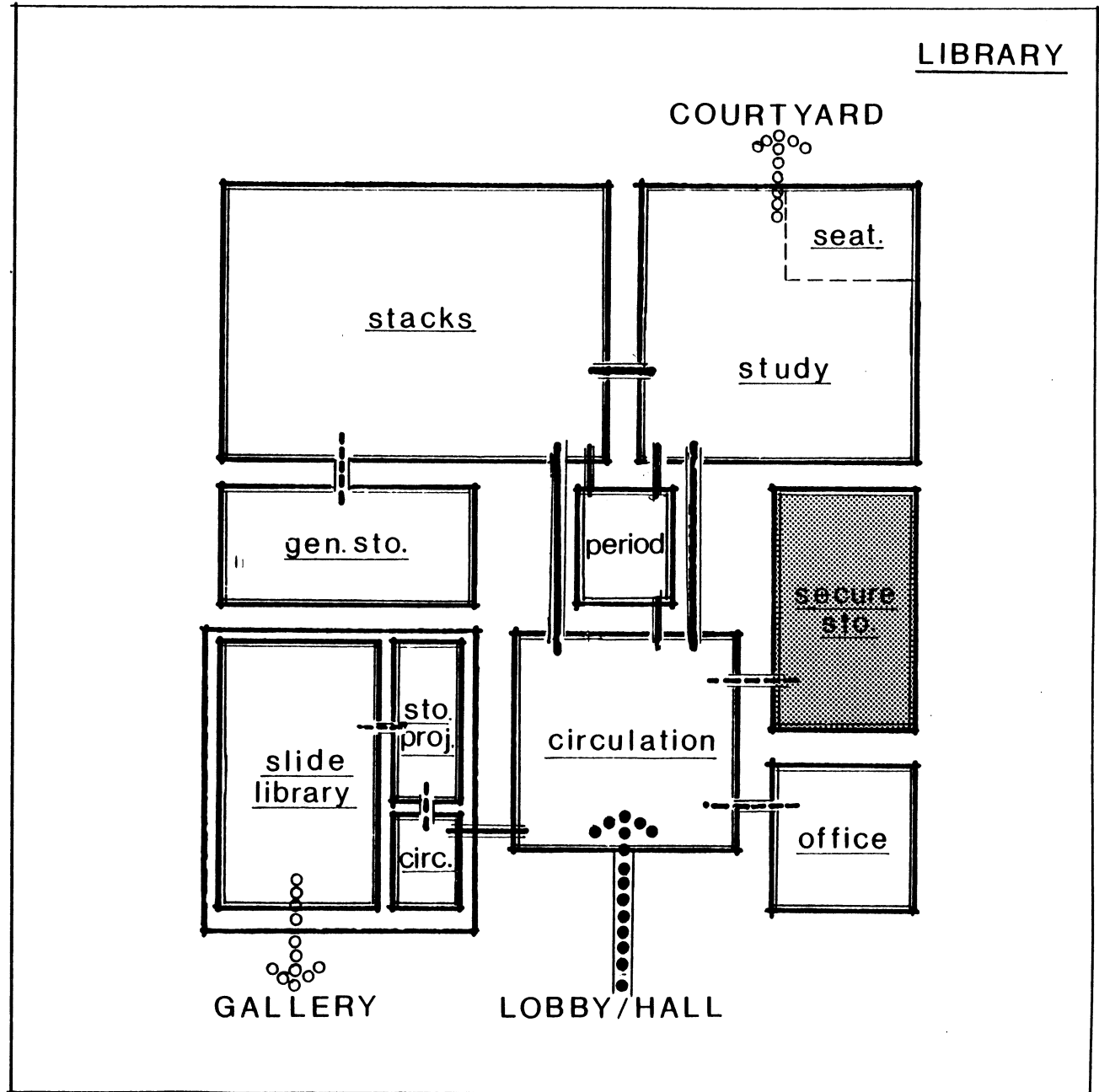
SHOULD BE LOCKED AT ALL TIMES

SYSTEMS:

- Security VISUAL
- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT
- Plumbing NONE
- Lighting FLUORESCENT

FINISHES

- Floor RESILIENT TILE
- Walls DRYWALL, PAINT
- Ceiling ACOUSTICAL TILE



Area: 150 S.F.

director's office

QUANTITY: 1
USERS

LIBRARY DIRECTOR

FUNCTION

ORDERING, PURCHASING, OVERALL LIBRARY
MANAGEMENT

EQUIPMENT

GENERAL OFFICE EQUIPMENT.

SPECIAL CONSIDERATIONS

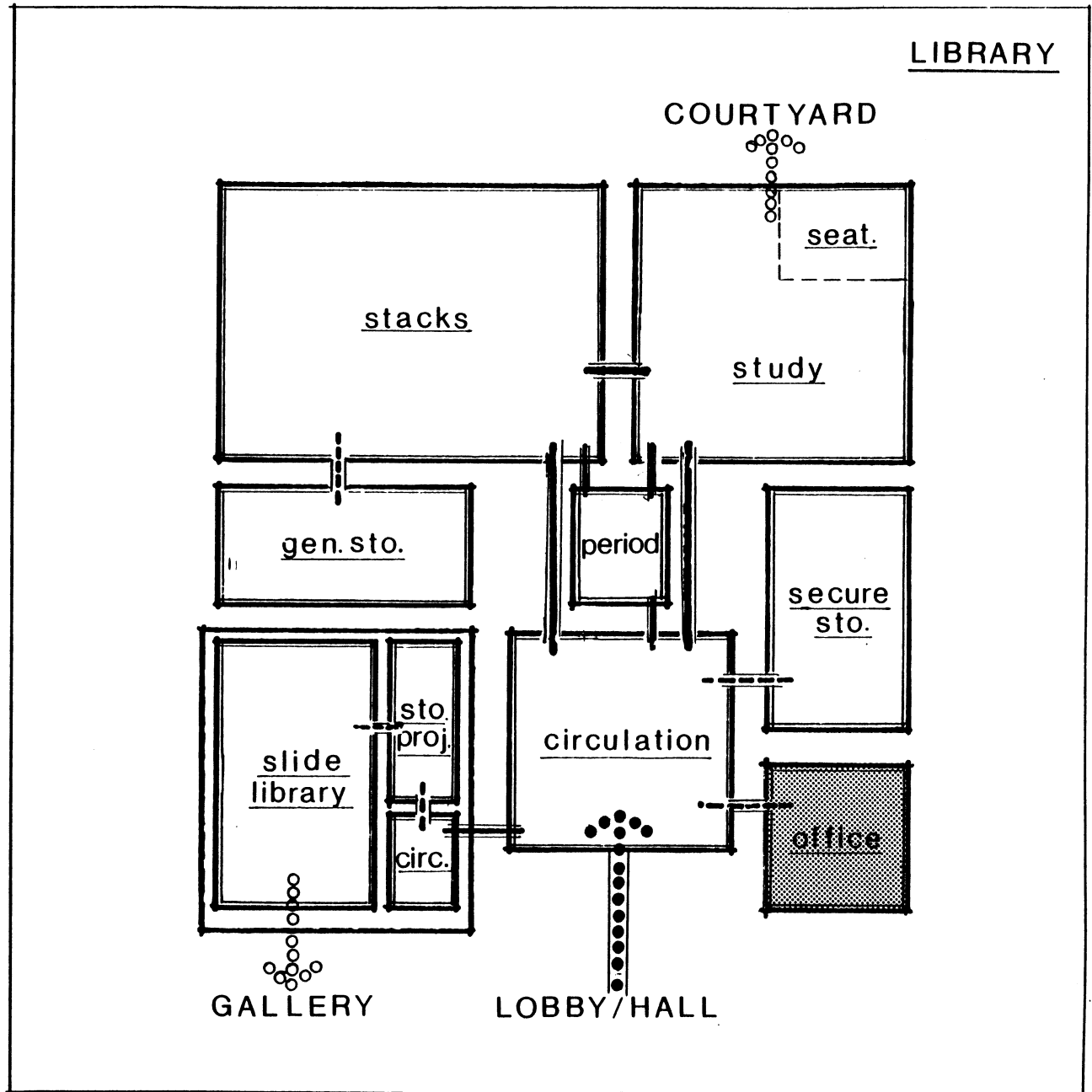
DIRECT CONTACT TO CIRCULATION OF BOOKS
POSSIBLE WINDOW

SYSTEMS:

- Security NONE
- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT
- Plumbing NONE
- Lighting FLUORESCENT

FINISHES

- Floor CARPET
- Walls DRYWALL, PAINT
- Ceiling ACOUSTICAL TILE



Area: 1100 S.F.

slide library

QUANTITY: 2 GROUPS
USERS

STUDENTS AND FACULTY, LIBRARY STAFF

FUNCTION

GATHERING AND CATALOGUING OF SLIDES,
VISUAL STUDY OF SLIDES, CHECK OUT OF
SLIDES,

EQUIPMENT

TABLES, CHAIRS, PROJECTORS, SCREENS
INDIVIDUAL BOOTHS, COUNTER, TYPEWRITER
GENERAL SLIDE FILES (TO CONFORM NUMBERS)
SHELVING AND CARD CATALOG.

SPECIAL CONSIDERATIONS

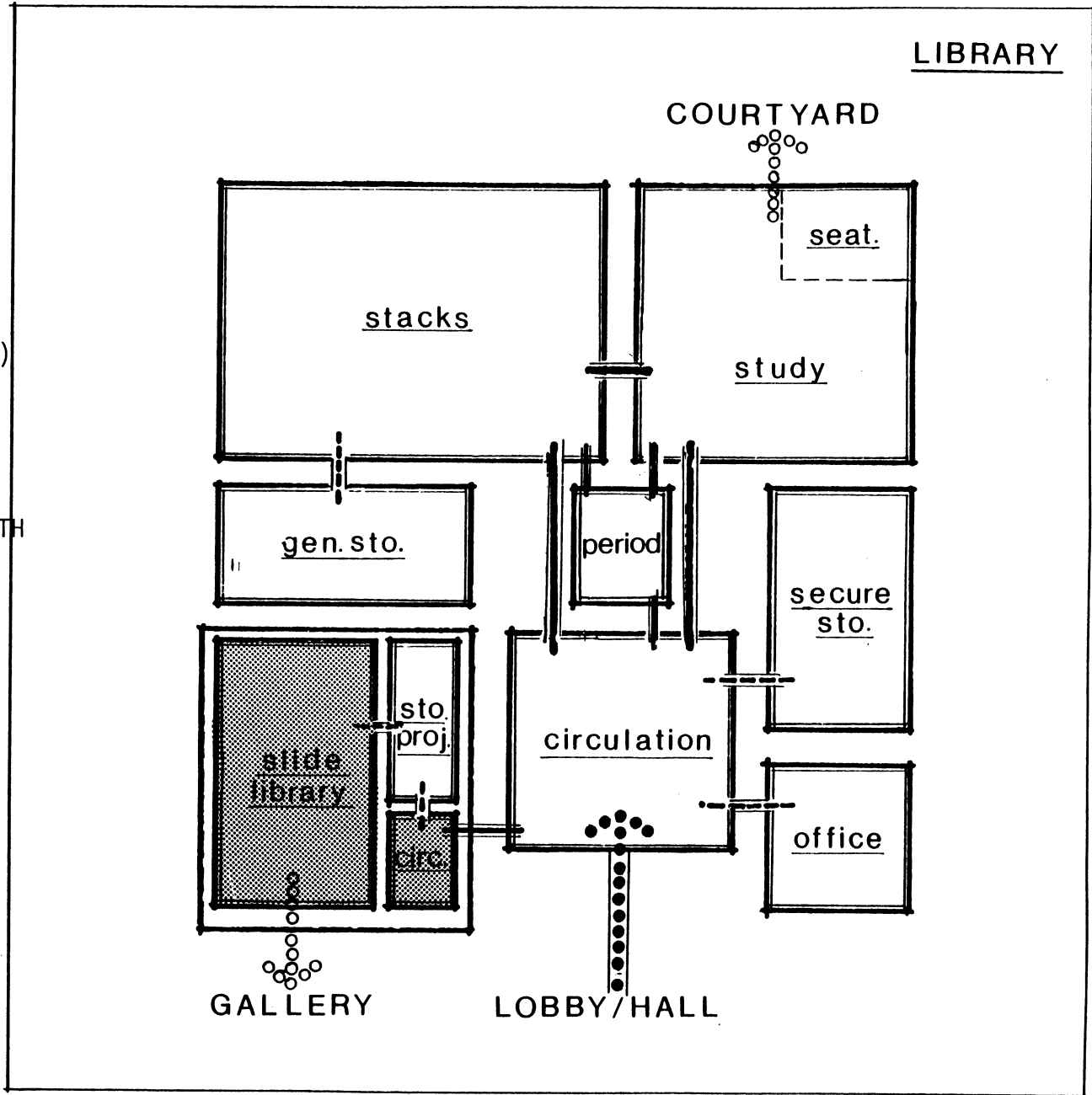
STUDENTS MAY CHECKOUT SLIDES, THE
ROOM MUST NOT HAVE ANY NATURAL LIGHT
LOCKED FILES, LAYOUT ALLOWING LOW HEIGHT

SYSTEMS:

- Security VISUAL
- H.V.A.C. SINGLE ZONE, HUMIDITY CONTROL
- Plumbing NONE
- Lighting FLUORESCENT, DIFFUSED, REOSTAT

FINISHES

- Floor CARPET, SOME TILE
- Walls WASHABLE FABRIC, SOME ABSORBENT FABRIC
- Ceiling ACOUSTICAL TILE



Area: 70 S.F.

projection & storage

QUANTITY: 1
USERS
SLIDE LIBRARY STAFF

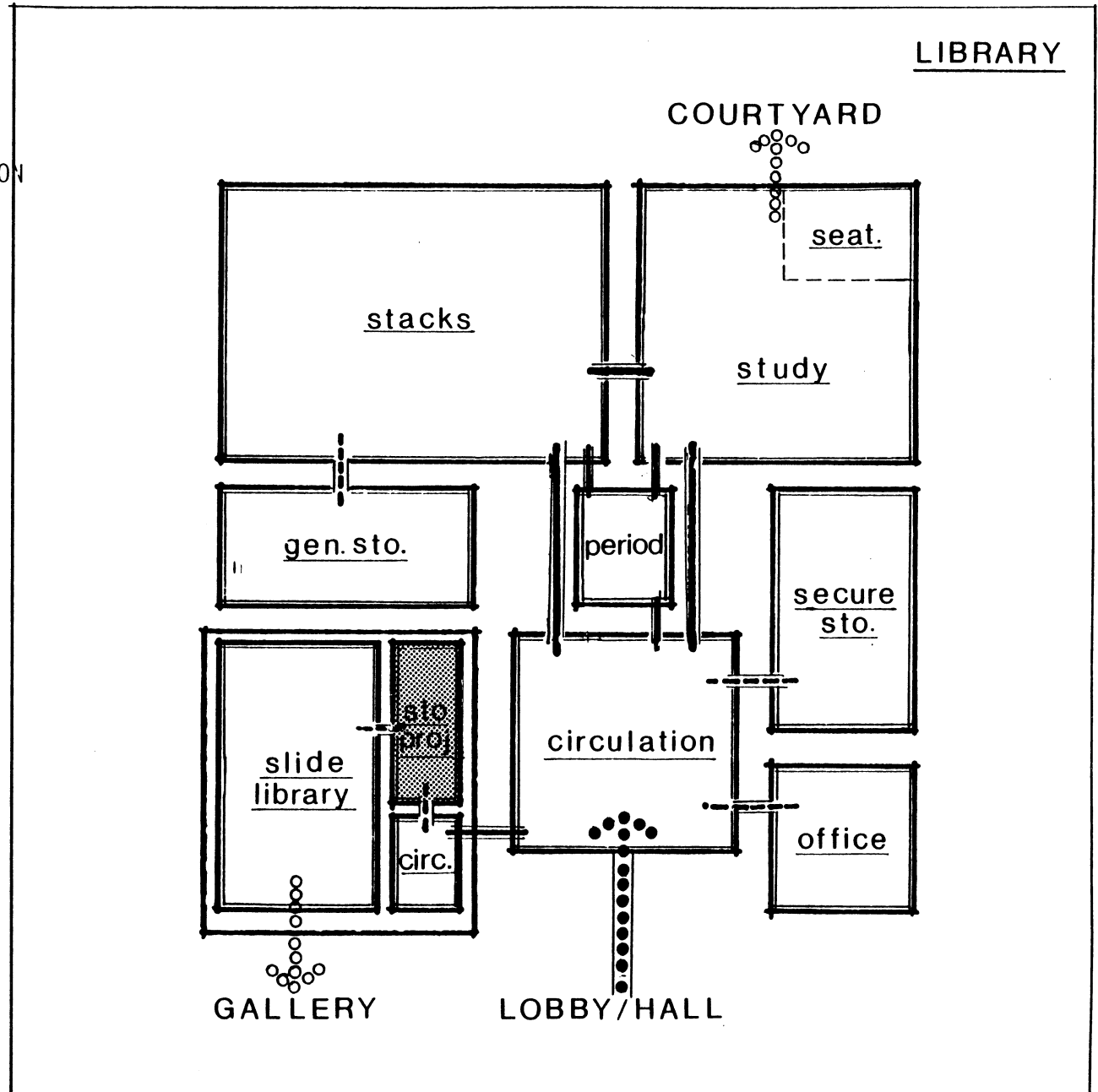
FUNCTION
EQUIPMENT STORAGE, REFLECTION PROJECTION

EQUIPMENT
LOCKABLE CABINETS, SLIDE MOUNTER,
SLIDE COPIER, GLASS MIRRORS, TABLES
CHAIRS, SLIDE PROJECTORS

SPECIAL CONSIDERATIONS
ONE WALL MUST BE FOR REAR SCREEN PRO
JECTION, NO NATURAL LIGHT.

SYSTEMS:
- Security LOCKED AT ALL TIMES
- H.V.A.C. SINGLE ZONE, CLOSED
THERMOSTAT
- Plumbing NONE
- Lighting FLUORESCENT

FINISHES
- Floor RESILIENT TILE
- Walls DRYWALL, PAINT
- Ceiling ACOUSTICAL TILE

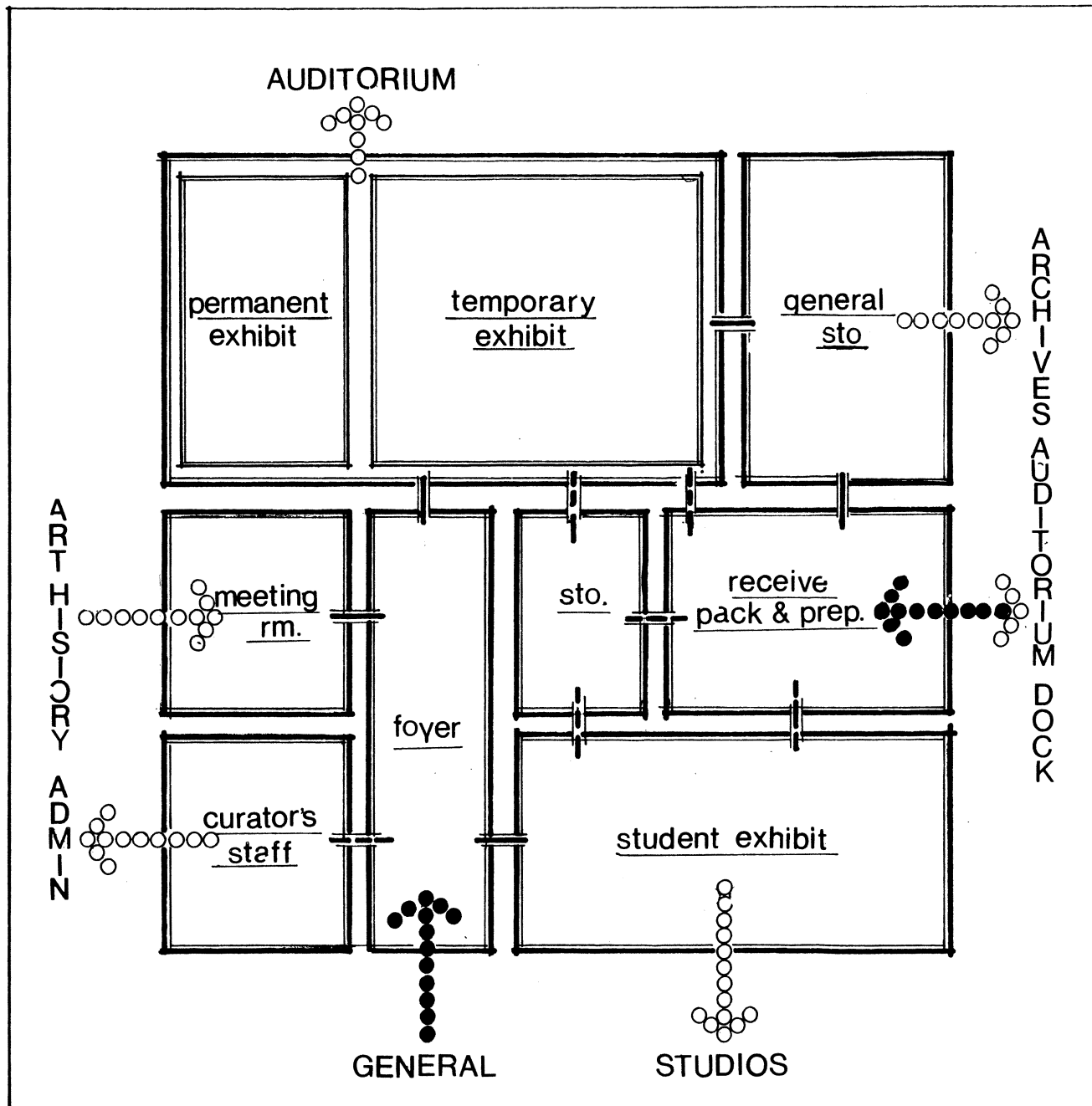


GALLERY

Temporary Exhibit	-----	6500 s.f.
Permanent Exhibit	-----	3200 s.f.
Exhibit Storage	-----	2000 s.f.
General Storage	-----	1300 s.f.
Student Gallery	-----	1400 s.f.
Pack-Prep-Receive	-----	1800 s.f.
Curator's Staff Offices	-----	900 s.f.
Foyer	-----	900 s.f.
Meeting Room	-----	600 s.f.

Gross	-----	17700 s.f.
25% Circulation	-----	4425 s.f.

Total Department	-----	22125 s.f.



Area: 6500 S.F.

temporary exhibit

QUANTITY: 4 GROUPS @ 1625 s.f.

USERS

GENERAL PUBLIC, STUDENTS, FACULTY, STAFF

FUNCTION

EXHIBIT SPACE, SINGLE & GROUP, FOR SCULPTURE, PAINTINGS AND ANY MEDIA,

EQUIPMENT

MOVABLE PARTITIONS, STAIRS, SEATING BENCHES, SHELVES, TABLES, MODULE STANDS

SPECIAL CONSIDERATIONS

15' MIN. HEIGHT, DIFFUSED LIGHTING, SOME AREAS NEED DIRECT SUN EXPOSURE FOR SCULPTURE

SYSTEMS:

- Security YES, ALARM, GUARD

- H.V.A.C. SINGLE ZONE, HUMIDITY CONTROL, TEMP. CONTROL

- Plumbing CONSTANT VENTILATION NONE

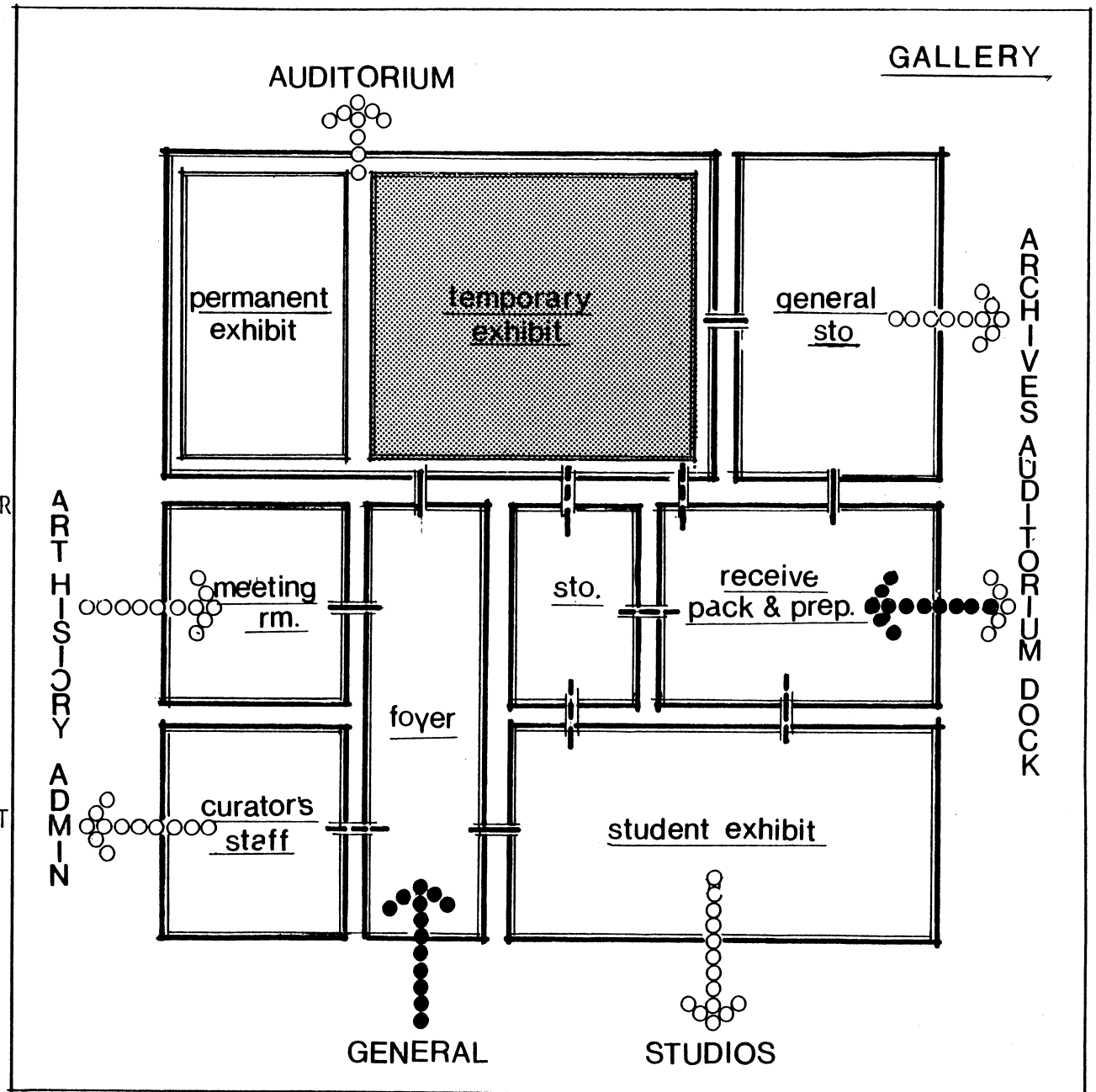
- Lighting FLUORESCENT, TRACK SPOTS
DIFFUSED NATURAL, INDIRECT
COVES

FINISHES

- Floor CARPET, BRICK, SOME TILE

- Walls ABSORBENT FABRIC, TACK-BOARD, BRICK, GLASS, WOOD

- Ceiling DRYWALL, WOOD



ST. LOUIS ART SPECTRUM INSTITUTE

Area: 3200 S.F.

permanent exhibit

QUANTITY: 2 GROUPS @ 1600 s.f.

USERS

GENERAL PUBLIC, STUDENTS, FACULTY, STAFF

FUNCTION

EXHIBIT SPACE, SINGLE OR GROUP, FOR ANY MEDIA

EQUIPMENT

MOVABLE PARTITIONS, STANDS, SEATING MODULES, DISPLAY MODULES, TABLES

SPECIAL CONSIDERATIONS

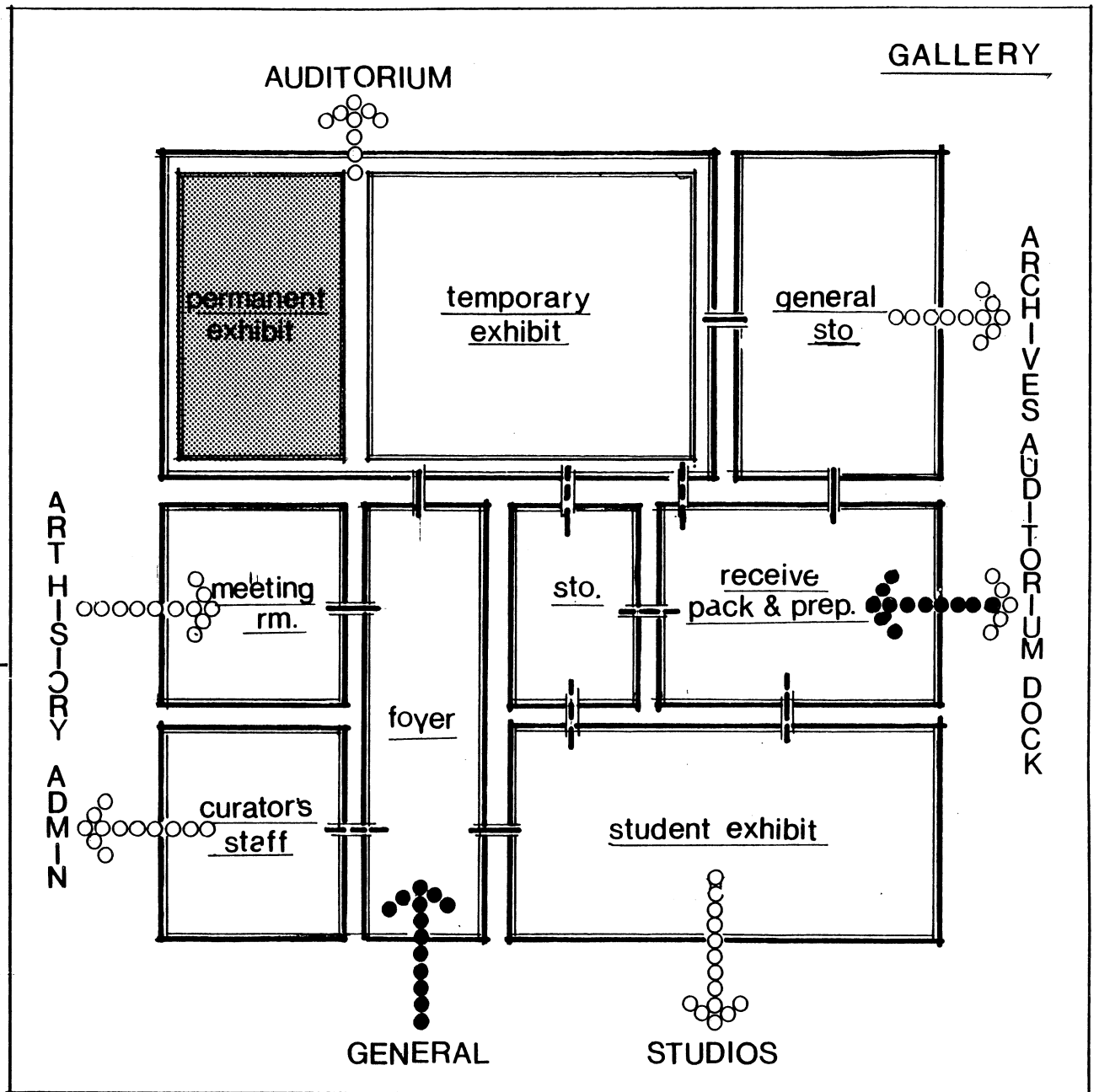
15' MIN. HEIGHT, DIFFUSED LIGHTING
SOME AREAS NEED DIRECT SUN EXPOSURE FOR SCULPTURE

SYSTEMS:

- Security ALARM, GUARD
- H.V.A.C. SINGLE ZONE, HUMIDITY CONTROL, TEMP. REGULAR VENT.
- Plumbing NONE
- Lighting FLUORESCENT, TRACK SPOTS
DIFUSED NATURAL, INDIRECT COVES

FINISHES

- Floor CARPET, BRICK, SOME TILE
- Walls ABSORBENT FABRIC, TACK-BOARD, BRICK, WOOD, GLASS
- Ceiling DRYWALL, WOOD



ST. LOUIS ART SPECTRUM INSTITUTE

Area: 2000 S.F.

general storage

QUANTITY: 4 @ 500 S.F.

USERS

MAINTAINANCE, CURATOR'S STAFF

FUNCTION

EQUIPMENT & PROP STORAGE

EQUIPMENT

SHELVING, DOLLY, WORK TABLE, LADDER, PADDING

SPECIAL CONSIDERATIONS

15' MIN. HEIGHT, NO NATURAL LIGHT
FIRE RATED WALLS

SYSTEMS:

- Security NO

- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT, REG. HUMIDITY

- Plumbing WASH SINK

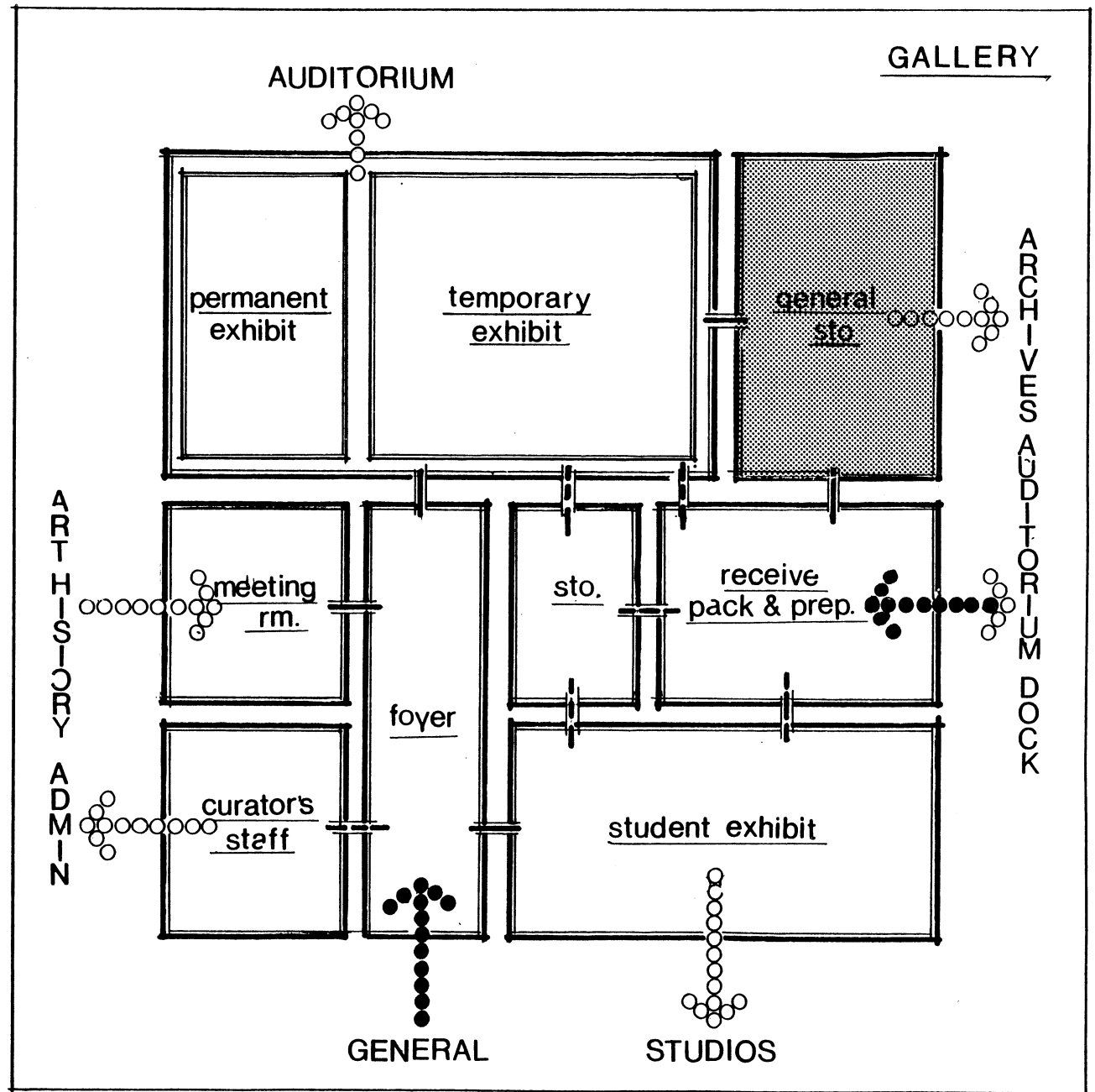
- Lighting FLUORESCENT

FINISHES

- Floor CONCRETE

- Walls BLOCK, PAINT

- Ceiling OPEN PLENUM



ST. LOUIS ART SPECTRUM INSTITUTE

Area: 1300 S.F.

storage

QUANTITY: 3 GROUPS @ 430

USERS

MAINTAINANCE, CURATOR'S STAFF, DIRECTOR OF GALLERY

FUNCTION

EXHIBIT ARCHIVES, TEMPORARY STORAGE FOR MADE-UP PANELS

EQUIPMENT

SHELVING, WORK TABLE, LADDER, DOLLY, STACKS, PADDING

SPECIAL CONSIDERATIONS

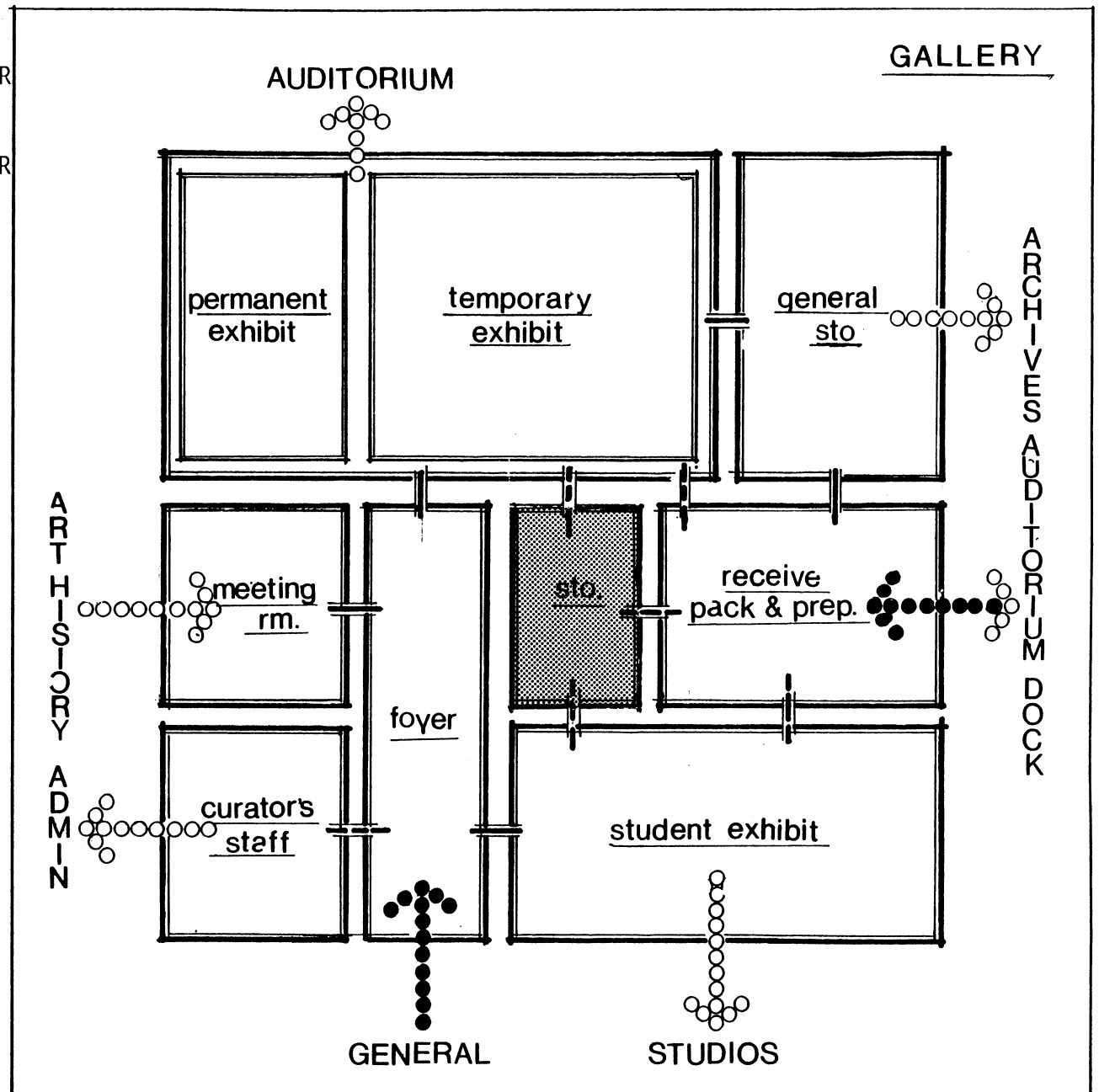
15' MIN. HEIGHT, NO NATURAL LIGHT, FIRE RATED WALLS ,

SYSTEMS:

- Security NO
- H.V.A.C. SINGLE ZONE, HUMIDITY & TEMPERATURE CONTROL, VENT
- Plumbing YES, ONE SINK
- Lighting FLUORESCENT

FINISHES

- Floor CONCRETE
- Walls BLOCK W/PAIN
- Ceiling OPEN PLENUM



ST. LOUIS ART SPECTRUM INSTITUTE

Area: 1400 S.F.

student exhibit

QUANTITY: 2 GROUPS @ 700 sf.

USERS

STUDENTS, GENERAL PUBLIC, FACULTY & STAFF

FUNCTION

EXHIBIT SPACES FOR STUDENTS WORK
PERIODICAL ROTATION

EQUIPMENT

MOVABLE PARTITIONS, MODULAR STANDS
& DISPLAY SHELVING

SPECIAL CONSIDERATIONS

15' MIN. HEIGHT, DIFFUSED LIGHTING
SOME AREAS NEED DIRECT SUN EXPOSURE.

SYSTEMS:

-Security NO

-H.V.A.C. SINGLE ZONE, OPEN THERMO-
STAT, HUMIDITY CONTROL

-Plumbing FAUCETS,

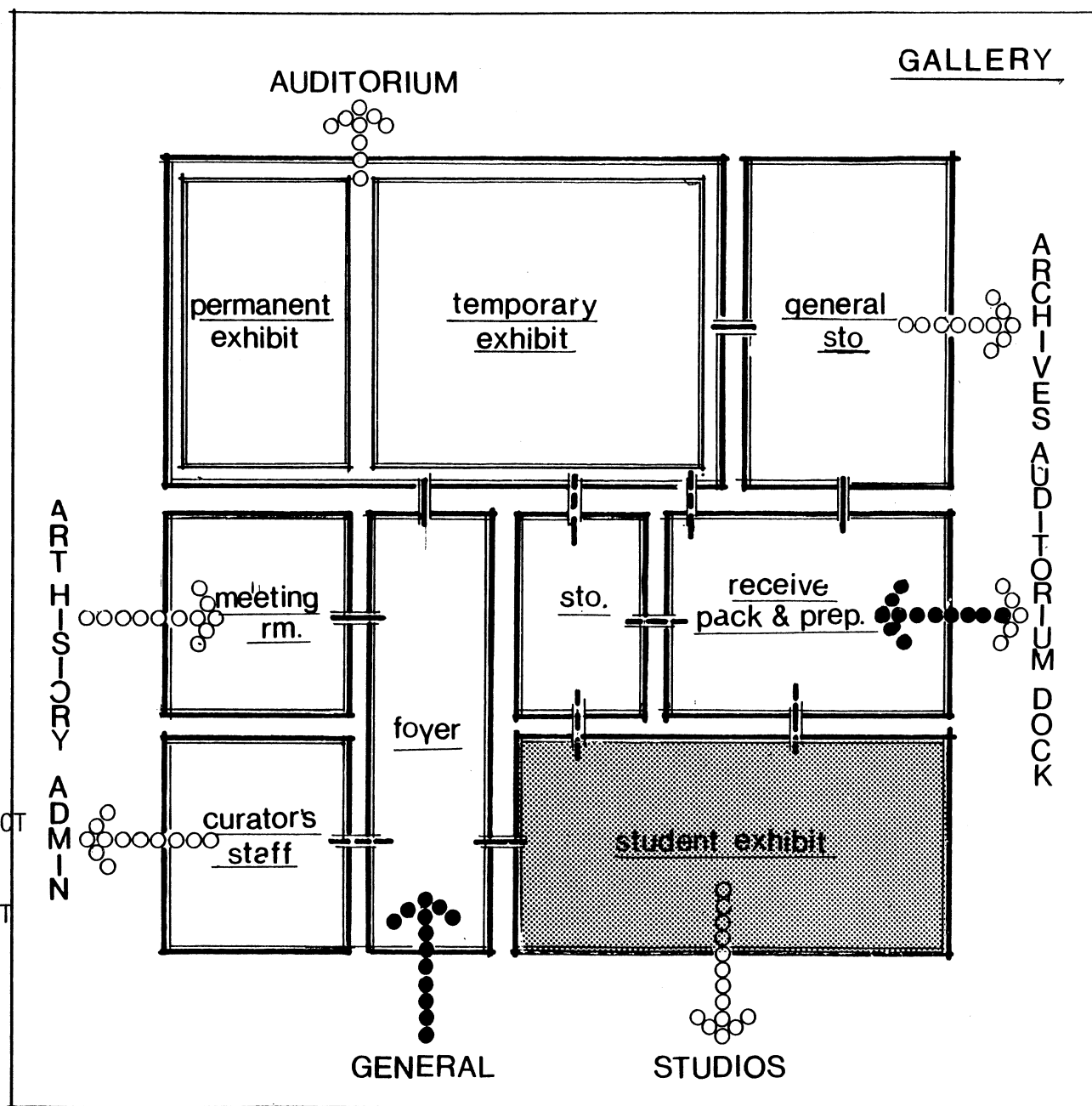
-Lighting FLUORESCENT, TRACK SPOTS
DIFFUSED NATURAL, INDIRECT
COVES

FINISHES

-Floor RESILENT TILE, SOME CARPET

-Walls DRYWALL, PAINT

-Ceiling DTYWALL, WOOD



ST. LOUIS ART SPECTRUM INSTITUTE

Area: 1800 S.F.

receiving , paking & preparation

QUANTITY : 3 GROUPS @ 600 s.f.
USERS
CURATOR'S STAFF

FUNCTION

EXHIBIT RECEIVING, PREPARATION FOR MOUNTING, FRAMING, CUTTING, REPAIRING PACKING, LABELING, ETC.

EQUIPMENT

WORK TABLES, CHAIRS , TOOLS, MOUNTING PRESS, CUTTING PRESS, SHELVING, ETC.

SPECIAL CONSIDERATIONS

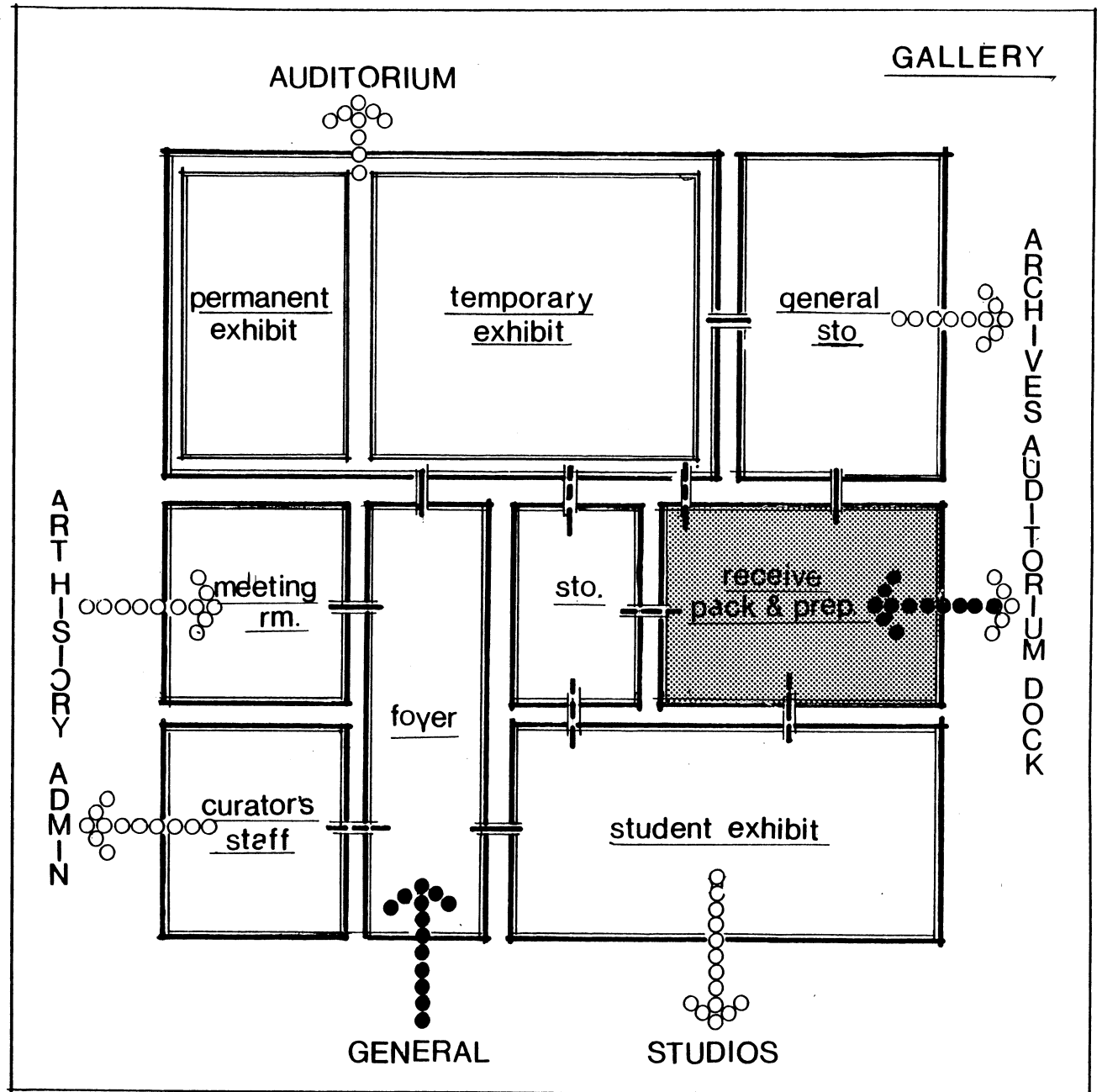
ACCESS TO A LOADING DOCK
15' MIN HEIGHT

SYSTEMS :

- Security NO
- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT
- Plumbing MULTIPLE , SINK
- Lighting FLUORESCENT, SOME TASK

FINISHES

- Floor RESILIENT TILE
- Walls DRYWALL, PAINT
- Ceiling OPEN PLENUM



ST. LOUIS ART SPECTRUM INSTITUTE

Area: 900 S.F.

curator's staff offices

QUANTITY: 6 @ 150 s.f., 2 GROUPS

USERS

CURATOR'S STAFF, CURATOR, DIRECTOR OF EXHIBITS

FUNCTION

OFFICE WORK, ACCOUNTING, GALLERY MANAGEMENT

EQUIPMENT

GENERAL OFFICE EQUIPMENT

SPECIAL CONSIDERATIONS

POSSIBLE WINDOWS TO COURTYARD

SYSTEMS:

- Security NO

- H.V.A.C. VARIABLE VOLUME, CLOSED THERMOSTAT

- Plumbing NO

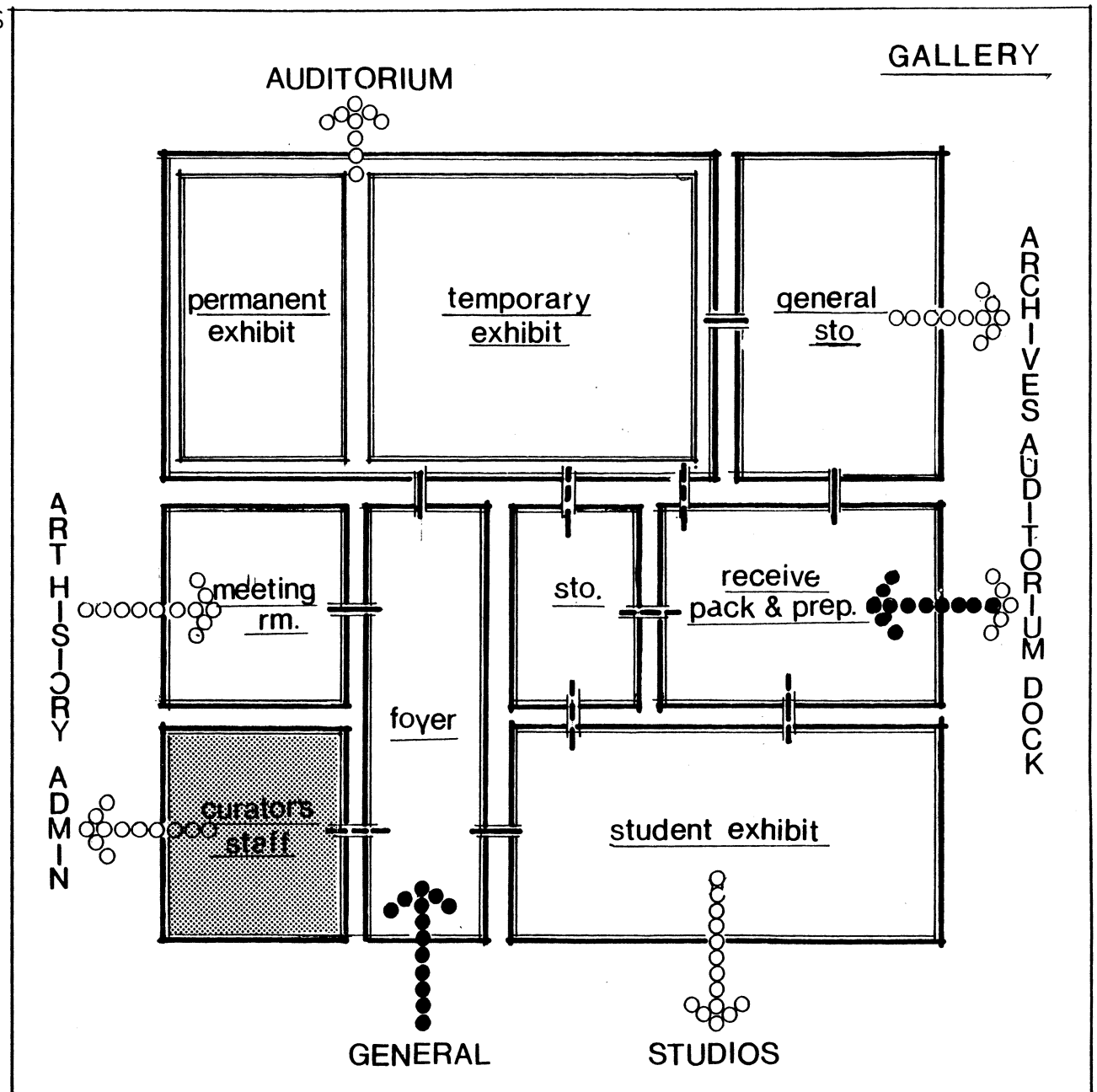
- Lighting FLUORESCENT

FINISHES

- Floor CARPET, TILE

- Walls DRYWALL, PAINT

- Ceiling ACOUSTICAL TILE



ST. LOUIS ART SPECTRUM INSTITUTE

Area: 900 S.F.

foyer

QUANTITY: 1

USERS

GENERAL PUBLIC, IN GENERAL ALL USERS

FUNCTION

GENERAL LOBBY AREA, SOME EXHIBIT & BULLETINS

EQUIPMENT

SOME BENCHES, DISPLAY CASES

SPECIAL CONSIDERATIONS

VERY WELL LIGHTED, HIGH QUALITY FINISHES, 2 STORY SPACE

SYSTEMS:

-Security NO

-H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT, EXPOSED

-Plumbing NO

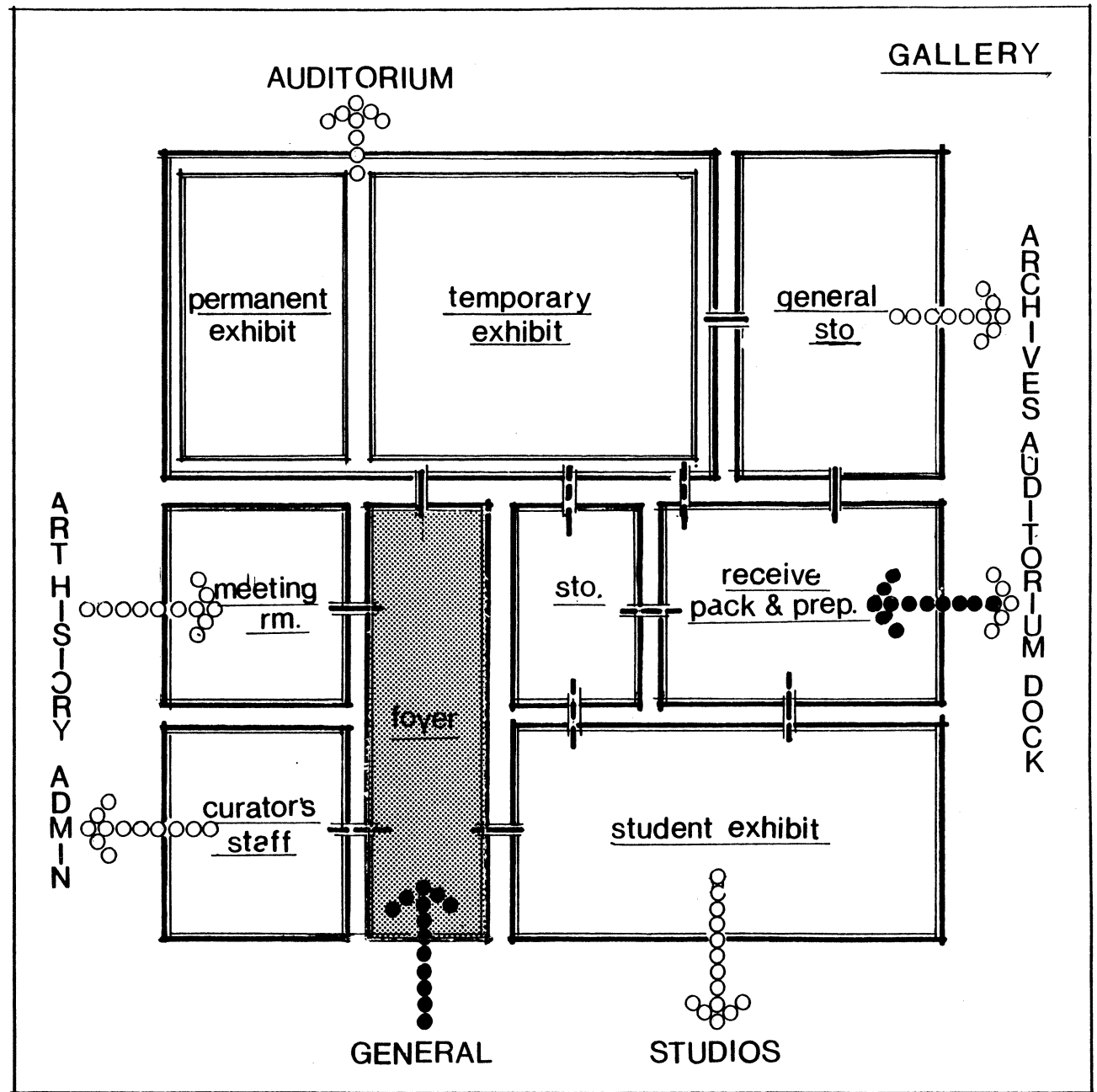
-Lighting FLUORESCENT, BAFFLE DOWN TRACK SPOTS

FINISHES

-Floor RESILIENT TILE

-Walls BRICK, GLASS, DRYWALL, PAINT

-Ceiling DRYWALL, PAINT



ST. LOUIS ART SPECTRUM INSTITUTE

Area: 600 S.F.

meeting room

QUANTITY: 1

USERS

CURATOR'S STAFF, STUDENTS, VISITORS,
SPECIAL GUESTS, BOARD OF THE SCHOOL

FUNCTION

SPECIAL LECTURE ROOM, MEETINGS, AND
PRESENTATIONS

EQUIPMENT

CLASSROOM CHAIRS, PODIUM, PROJECTION
SCREEN, OVERHEAD MICROPHONE SPEAKER
SYSTEM, 12' MIN, HEIGHT.

SPECIAL CONSIDERATIONS

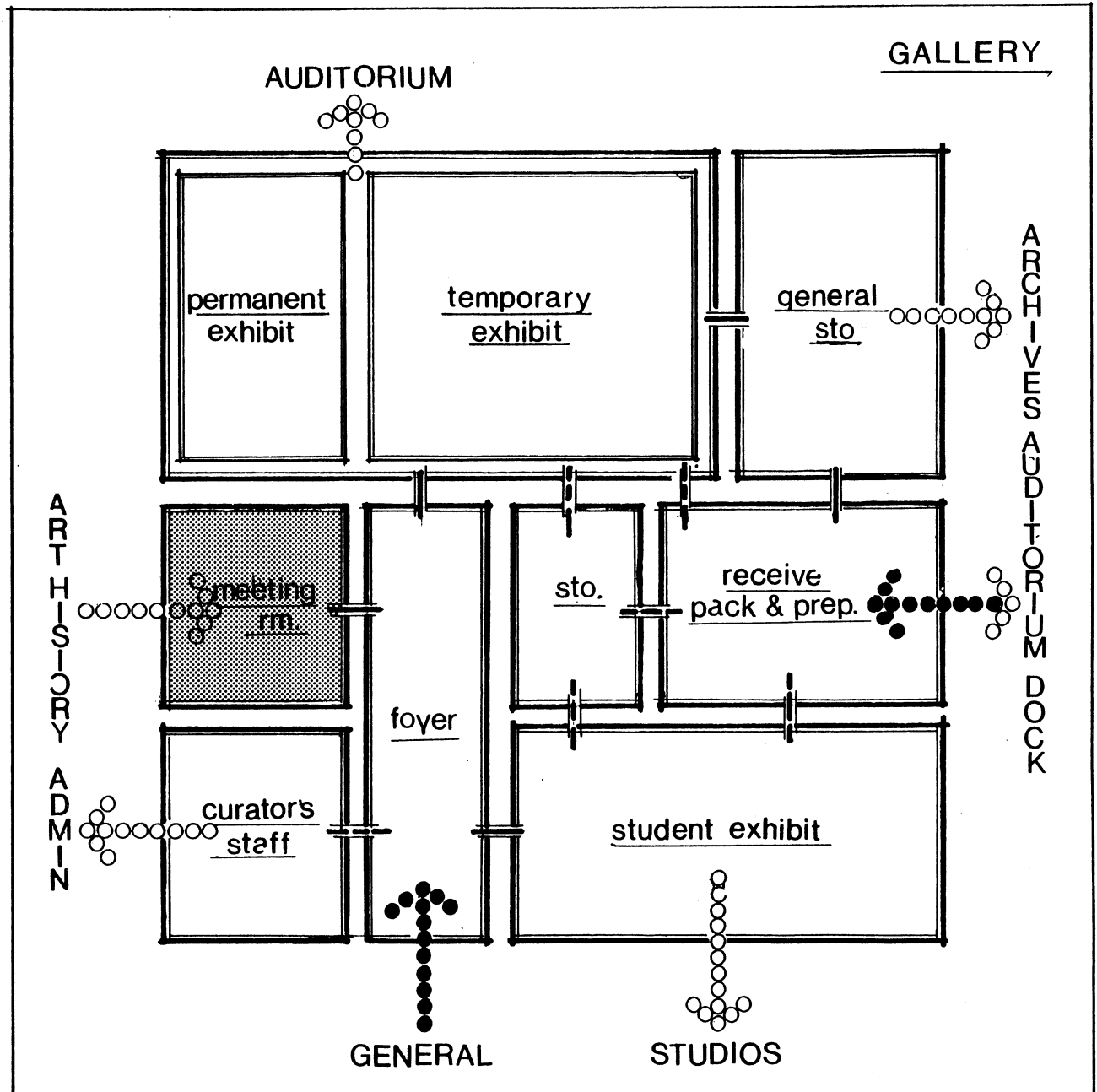
DIFUSED NATURAL LIGHT, ABILITY TO
DARKEN

SYSTEMS:

- Security NO
- H.V.A.C. VARIABLE VOLUME, CLOSED THERMOSTAT
- Plumbing NO
- Lighting FLUORESCENT, INDIRECT TRACKS

FINISHES

- Floor RESILIENT TILE
- Walls WASHABLE FABRIC
- Ceiling ACOUSTICAL TILE



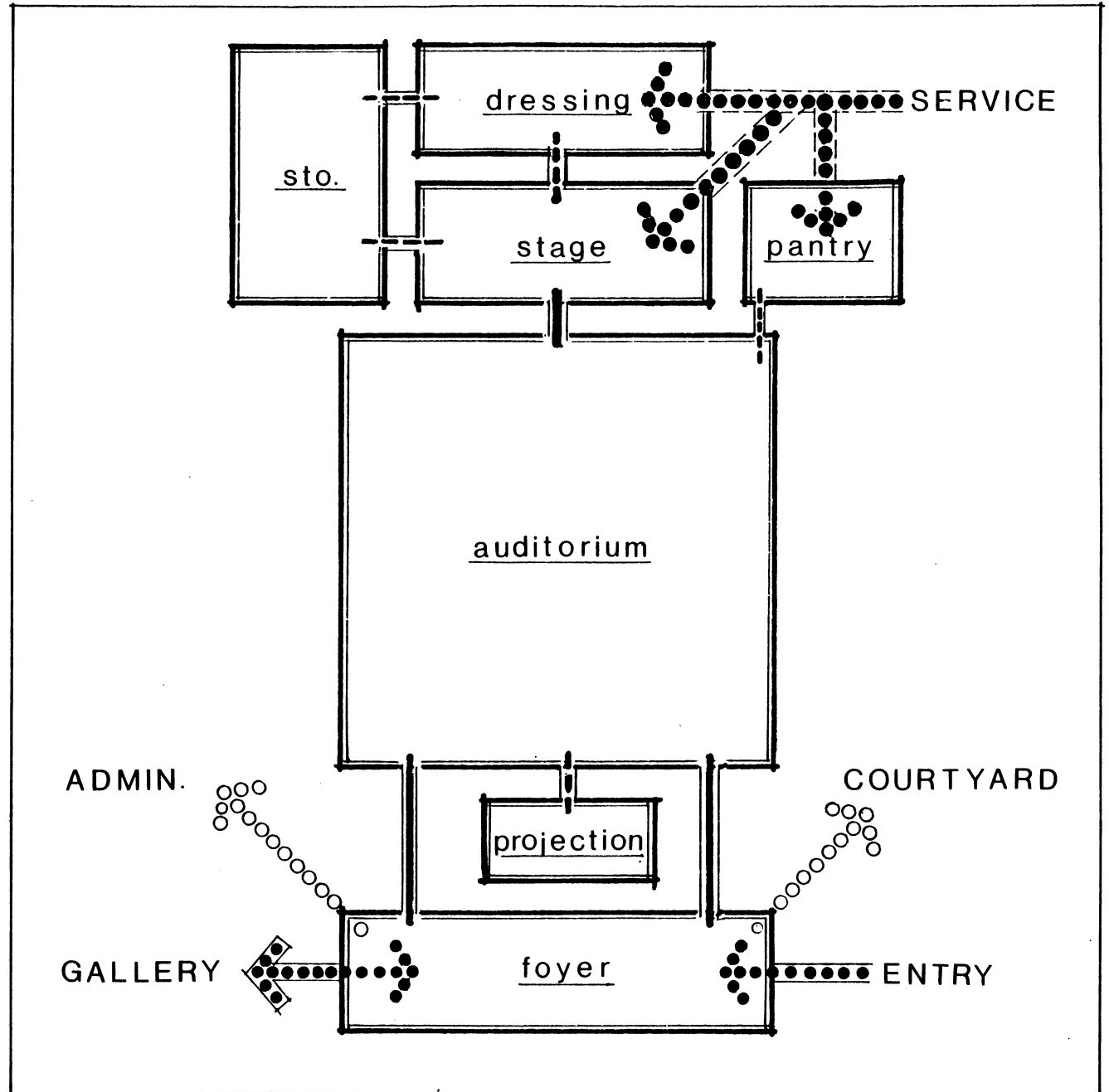
AUDITORIUM

AUDITORIUM

Foyer	500 s.f.
Auditorium House	3500 s.f.
Projection Room	150 s.f.
Pantry	150 s.f.
Dressing Rooms	180 s.f.
Stage	500 s.f.
Storage	400 s.f.
Props	200 s.f.

Gross	5580 s.f.
25% Circulation	1395 s.f.

Total Department	6975 s.f.



Area: 500 S.F. MIN.

foyer

QUANTITY: 1

USERS

GENERALLY, STUDENTS, VISITORS, FACULTY STAFF, MOST EVERY USER

FUNCTION

GATHERING SPACE BEFORE AND AFTER ANY AUDITORIUM OR GALLERY EVENTS.

EQUIPMENT

SOME BENCHES, WATER FOUNTAINS

SPECIAL CONSIDERATIONS

HIGH CEILING, 15' HEIGHT MIN.
POSSIBLE FACING COURTYARD, OPEN FEELING

SYSTEMS:

-Security NO

-H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT, THERMOSTAT, EXPOSED DUCT?

-Plumbing FOUNTAINS

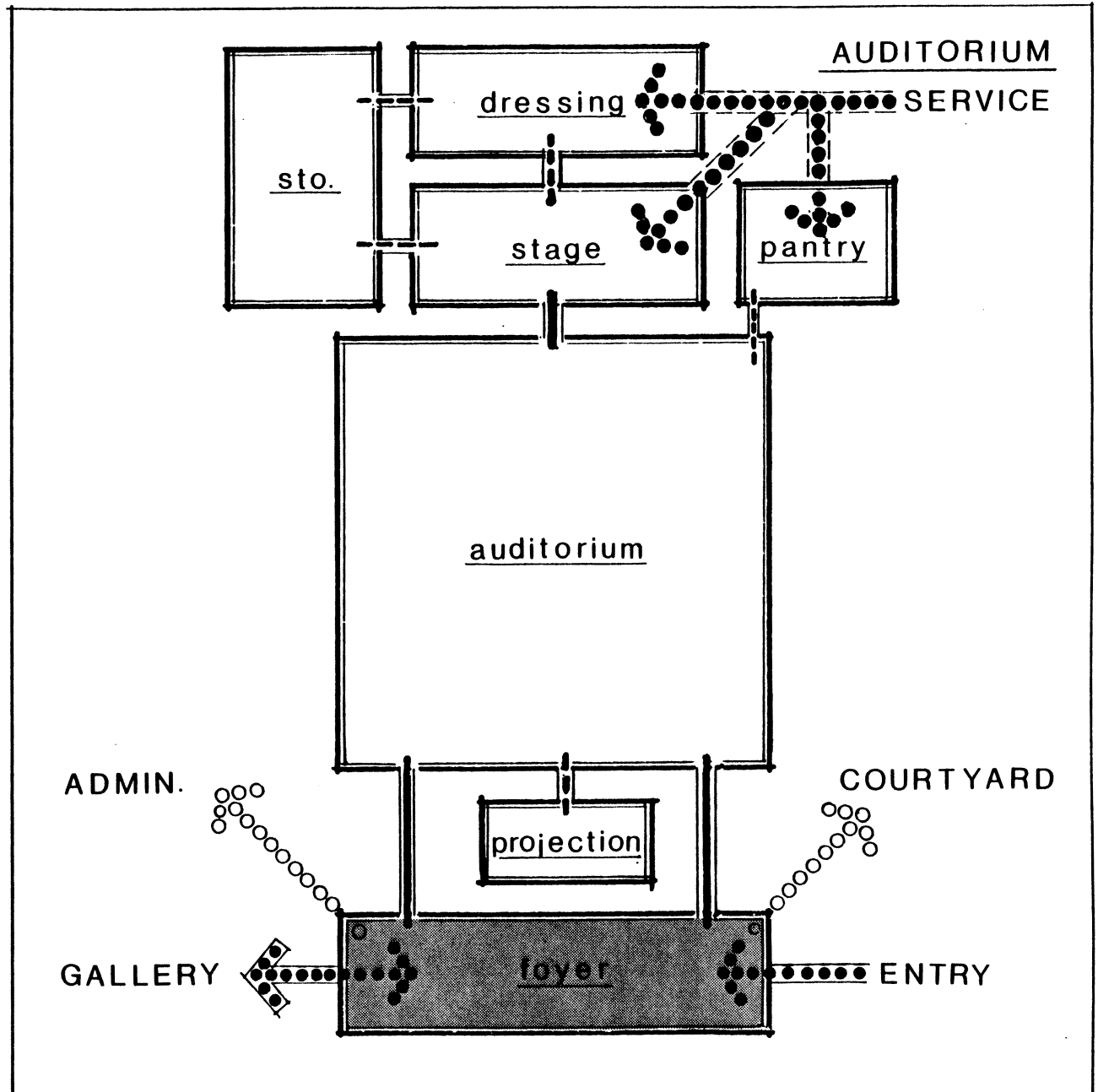
-Lighting FLUORESCENT, BAFFLE DOWN TRACK SPOTS

FINISHES

-Floor RESILIENT TILE

-Walls BRICK, GLASS, DRYWALL PAINT

-Ceiling DRYWALL, WOOD, PAINT



Area: 3500 S.F.

auditorium house

QUANTITY: 1

USERS

STUDENTS, FACULTY, STAFF, VISITORS,
GUESTS

FUNCTION

AUDITORIUM (HIGH OCCUPANCY- FIRE
ESCAPE)

EQUIPMENT

SEATING, SELF RISING,

SPECIAL CONSIDERATIONS

ACOUSTICS, TREATMENT TO FIT SPEAKING,
MUSIC, PERFORMANCE EVENTS.
25' HEIGHT MIN. SLOPED OR TERRACED FLR.

SYSTEMS:

-Security NO

-H.V.A.C. SINGLE ZONE, HUMIDITY &
TEMPERATURE CONTROL.

-Plumbing NO

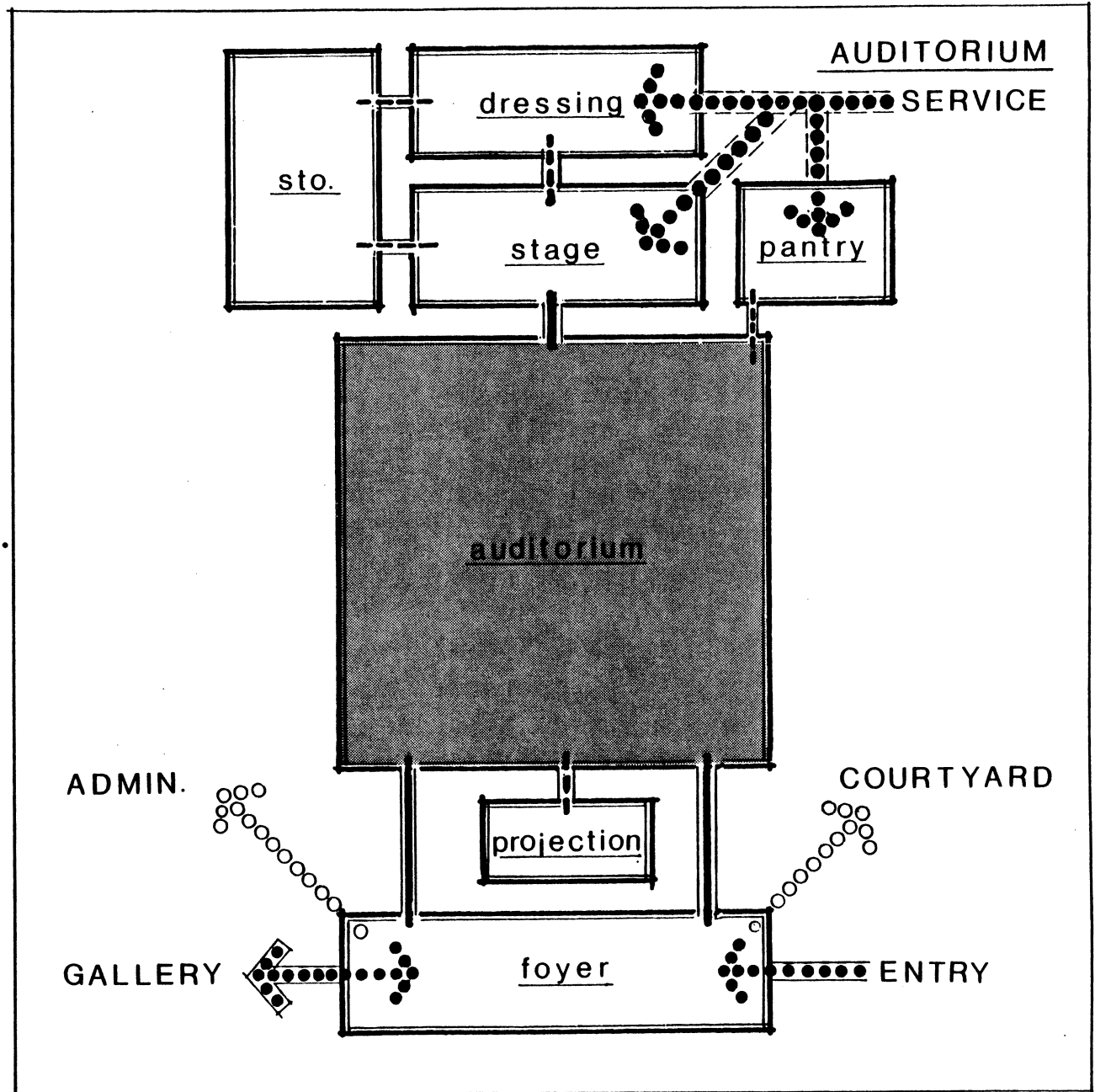
-Lighting SPOTS, TRACKS, BAFFLE
DOWN, INTENSITY CONTROL.
INDIRECT COVES, SEATING.

FINISHES

-Floor CARPET, WOOD PARKET

-Walls SOUND ABSORBENT PANELS &
FABRIC, DRYWALL, PAINT

-Ceiling ACOUSTICAL TILE, WOOD



ST. LOUIS ART SPECTRUM INSTITUTE

Area: 150 S.F.

projection room

QUANTITY: 1

USERS

PROJECTIONIST, STUDENTS, FACULTY

FUNCTION

CONTROL OF PROJECTION, SLIDE AUDIO-VISUAL, SOUND AND LIGHTING CONTROL
SCREEN ACTIVITY CONTROL IN GENERAL

EQUIPMENT

WALL COUNTERS, EQUIPMENT STORAGE
CABINETS, 2 16mm, 8mm, 70mm, 4 SLIDE
AND LENSES TO FIT PROJECTORS, 2 CHAIRS
SHELVING, SMALL LAMPS

SPECIAL CONSIDERATIONS

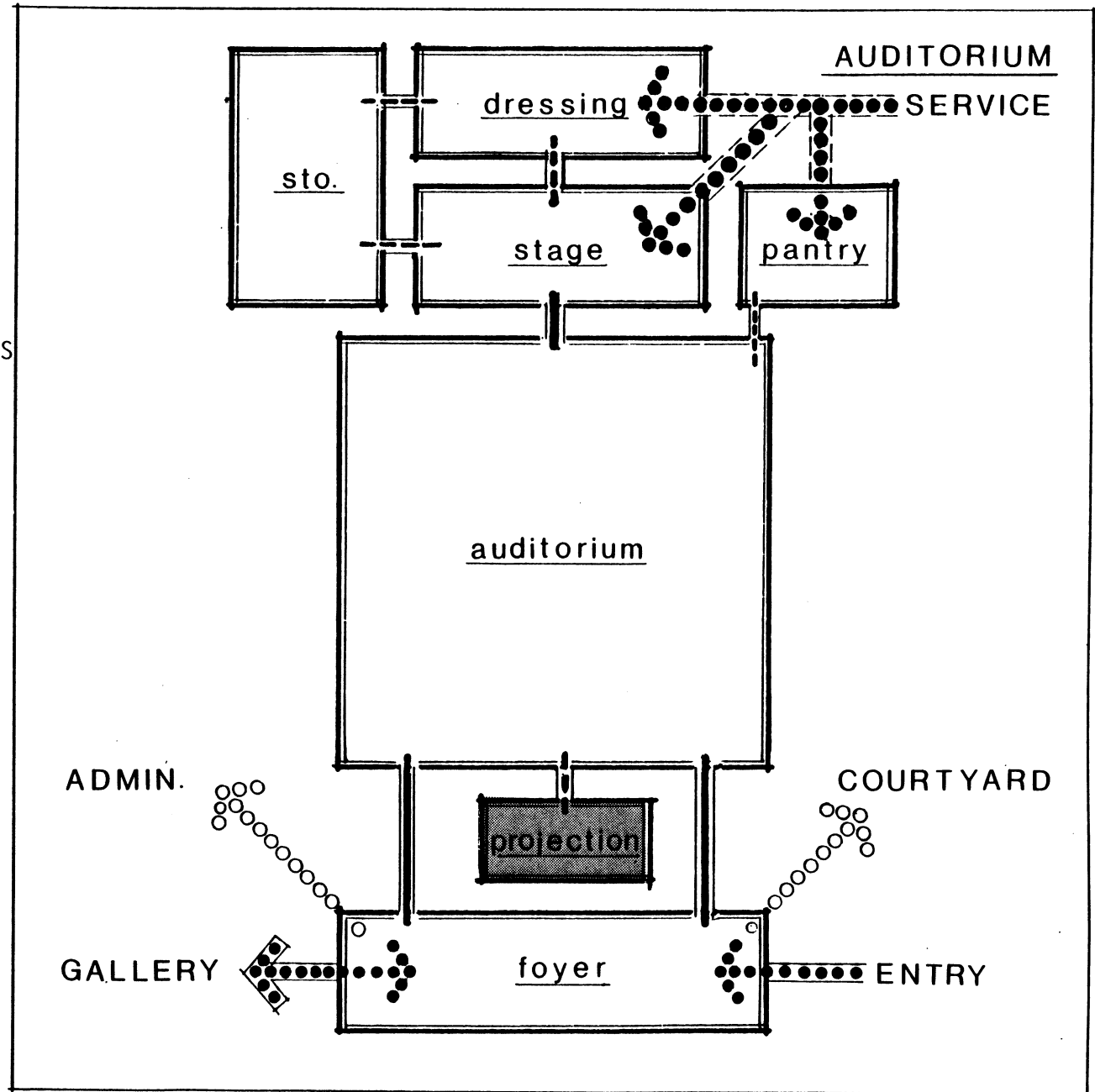
LONG COUNTER AREA TO PLACE A MAX. OF
6 SLIDE PROJ. FLEXIBILITY OF CIRCULATION.

SYSTEMS:

- Security NO
- H.V.A.C. SINGLE ZONE, TEMPERATURE & HUMIDITY CONTROL.
- Plumbing NO
- Lighting FLUORESCENT, SOME TASK

FINISHES

- Floor RESILIENT TILE
- Walls DRYWALL, STC 50, PAINT
- Ceiling ACOUSTICAL TILE



S T . L O U I S A R T S P E C T R U M I N S T I T U T E

Area: 150 S.F.

pantry

QUANTITY: 1

USERS

AUDITORIUM STAFF, CATERERS, STUDENTS
MAINTANENCE,

FUNCTION

SMALL FOOD SERVICE, STUDENT & STAFF

EQUIPMENT

GENERAL KITCHEN EQUIPMENT, COUNTERS,
SHELVING, 2 CHAIRS, CABINETS.

SPECIAL CONSIDERATIONS

NEAR SERVICE DOCK AND STAGE.

SYSTEMS:

-Security NO

-H.V.A.C. SINGLE ZONE, CLOSED
THERMOSTAT

-Plumbing SINK

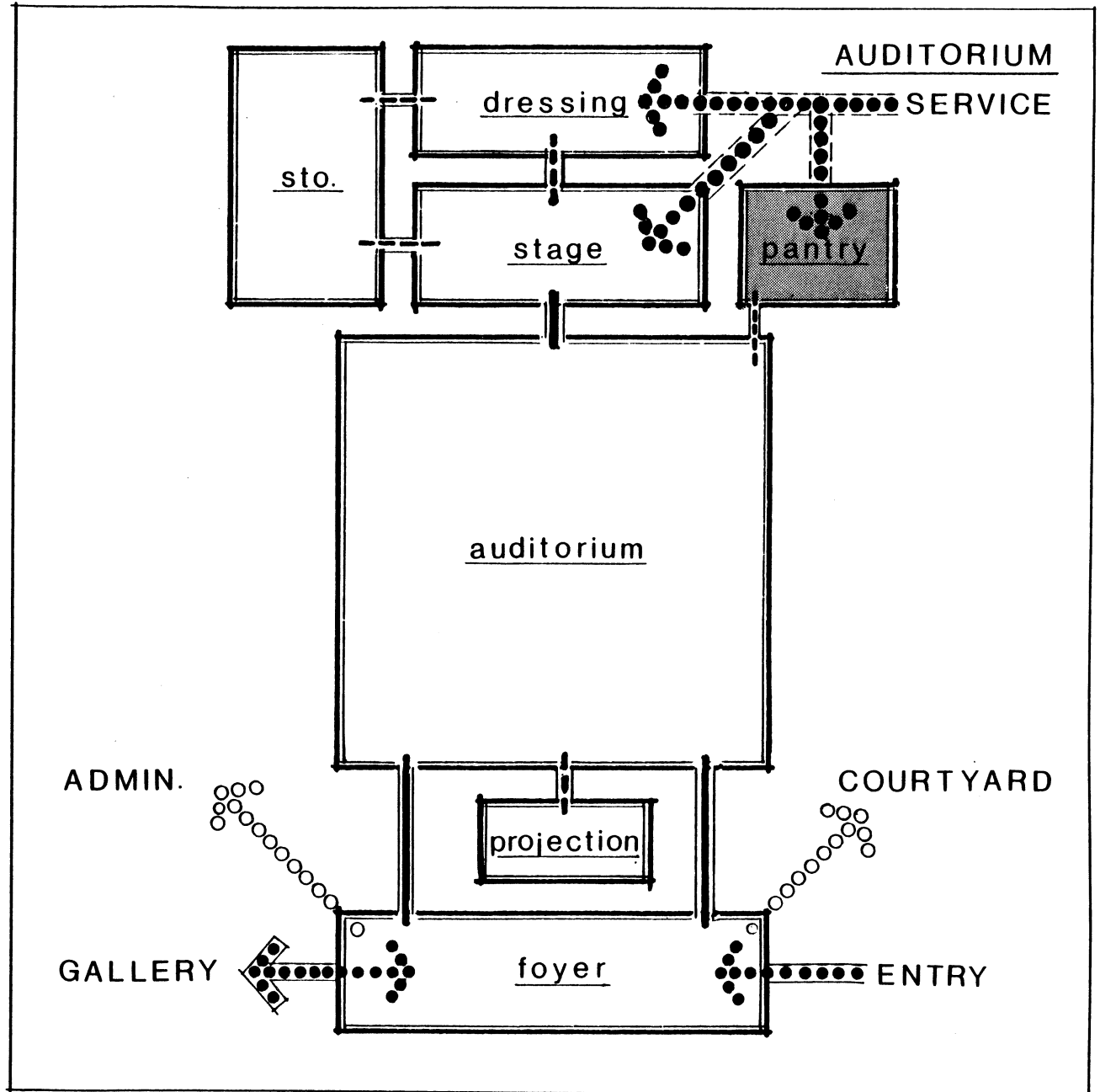
-Lighting FLUORESCENT

FINISHES

-Floor RESILIENT TILE

-Walls DRYWALL, PAINT

-Ceiling ACOUSTICAL TILE



Area: 180 S.F.

dressing rooms

QUANTITY: 4 @ 45 s.f.

USERS

STUDENTS, ANY PERFORMER, FACULTY

FUNCTION

DRESSING, CHANGE, COSTUME FITTING,
COACHING

EQUIPMENT

MIRRORS, CHAIRS, STORAGE CABINETY

SPECIAL CONSIDERATIONS

ALL DRESSING AREAS CLOSE TO THE STAGE

SYSTEMS:

-Security NO

-H.V.A.C. SINGLE ZONE, CLOSED
THERMOSTAT

-Plumbing WASH SINK, SMALL TIOLET
AREA, 2

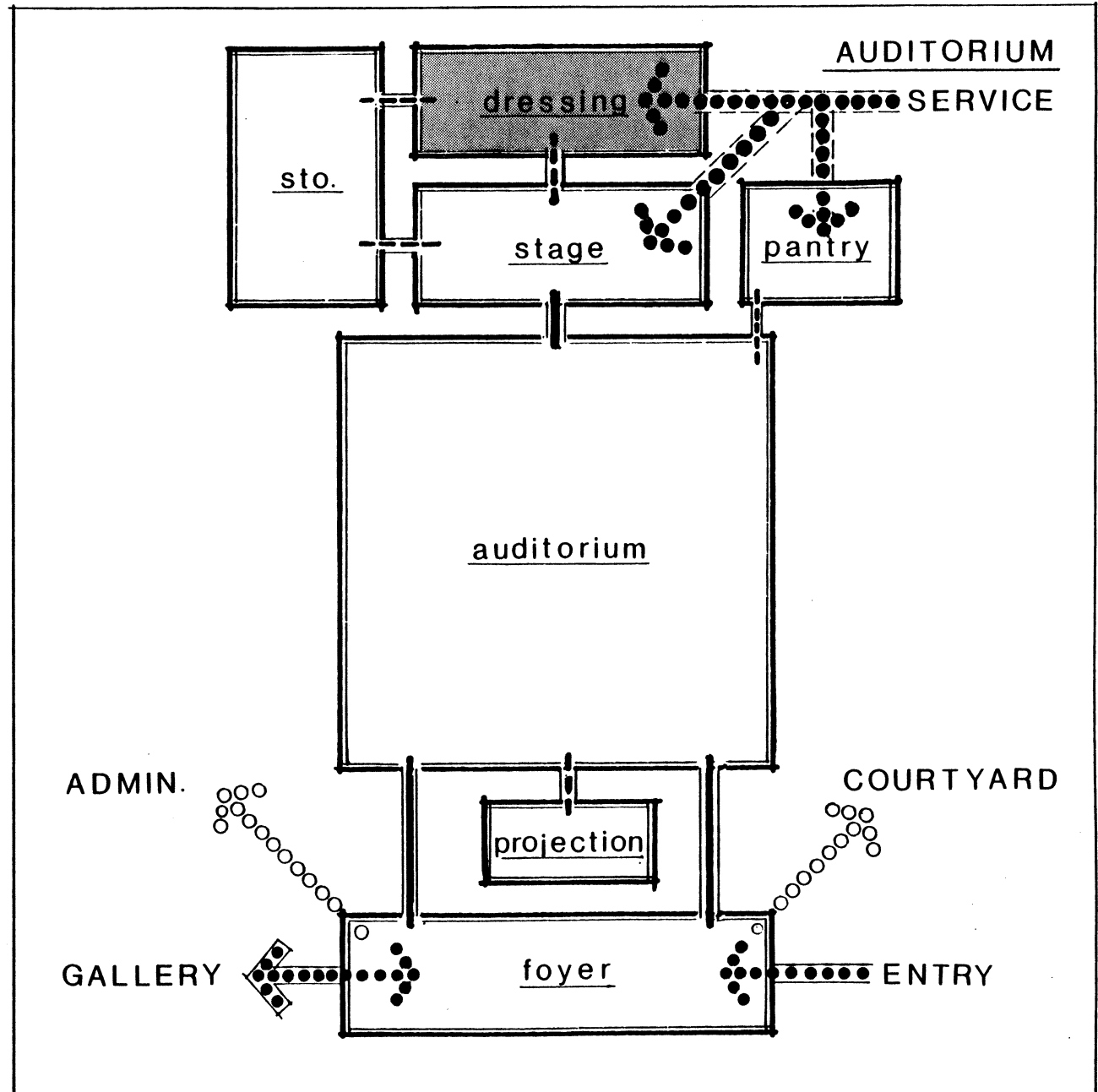
-Lighting FLUORESCENT, COSMETIC
LIGHTING

FINISHES

-Floor RESILIENT TILE

-Walls DRYWALL, PAINT

-Ceiling ACOUSTICAL TILE



ST. LOUIS ART SPECTRUM INSTITUTE

Area: 500 S.F.

stage

QUANTITY: 1

USERS

ALL PERFORMERS

FUNCTION

PERFORMING, SPEAKING, CHAMBER MUSIC
ANY SMALL ENSEMBLE

EQUIPMENT

SOUND REFLECTING PANELING,

SPECIAL CONSIDERATIONS

20' HEIGHT MIN., THOUGH NO STAGE HOUSE
ACOUSTICAL TREATMENT & DIRECTION,
FIRE ESCAPE, STEPS FROM AUDITORIUM.

SYSTEMS:

-Security NO

-H.V.A.C. SINGLE ZONE, VENTILATION
TEMPERATURE CONTROL.

-Plumbing NO

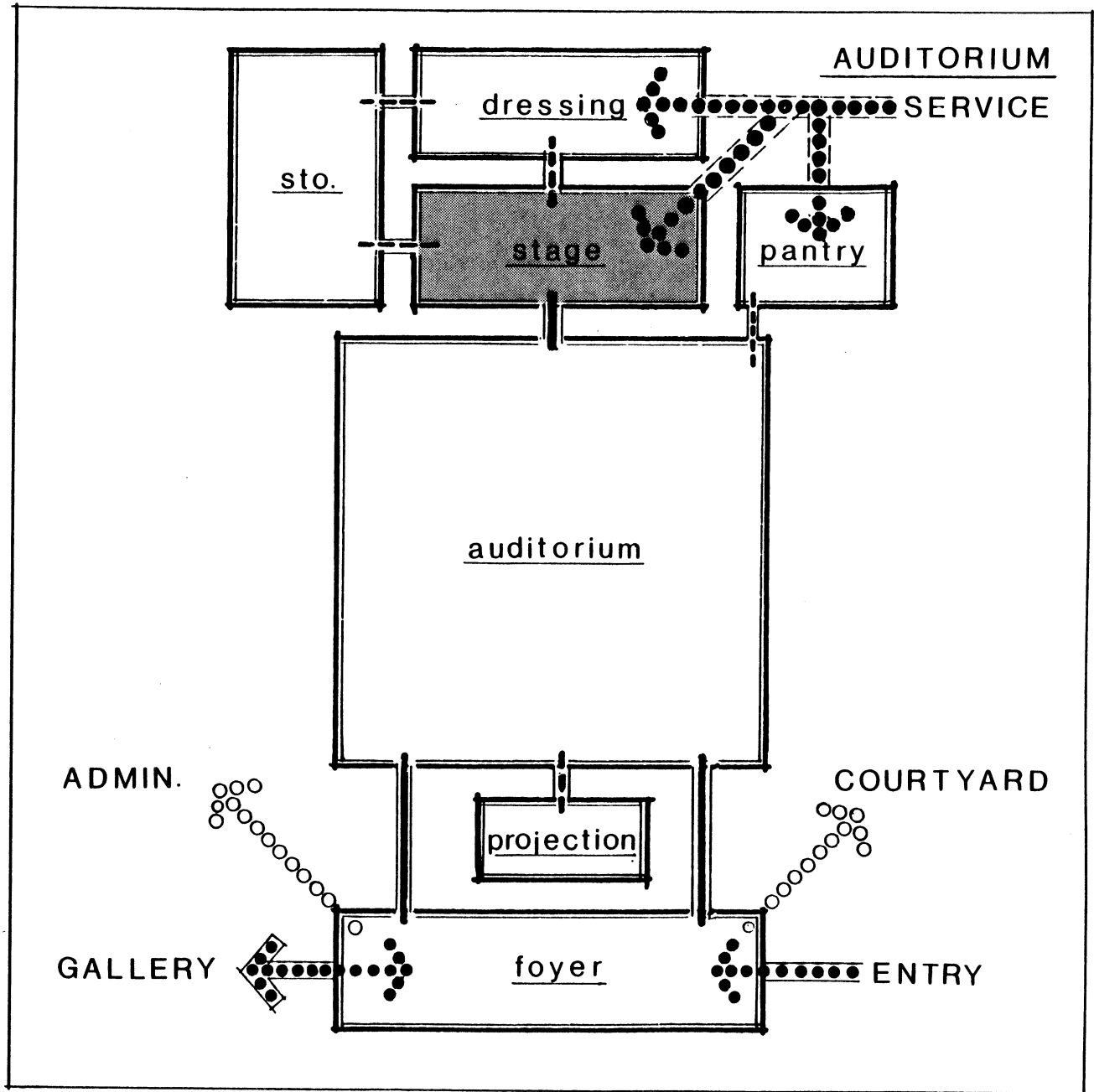
-Lighting TRACK SPOTS, EDGE LINE

FINISHES

-Floor WOOD

-Walls BACK WALL, ROOL DOWN
SCENES, LOUVER PANELS

-Ceiling OPEN PLENUM



ST. LOUIS ART SPECTRUM INSTITUTE

Area: 600 S.F.

storage

QUANTITY: 2 SEPARATE ROOMS
USERS

STUDENTS, FACULTY, PERFORMERS IN
GENERAL

FUNCTION

PROP & EQUIPMENT STORAGE

EQUIPMENT

STACKS, SHELVING, WORK TABLES, PROP
TRACKS

SPECIAL CONSIDERATIONS

15' HEIGHT MIN., FIRE RATED WALLS

SYSTEMS:

-Security NO

-H.V.A.C. SINGLE ZONE, CLOSED
THERMOSTAT

-Plumbing 2 VALVES

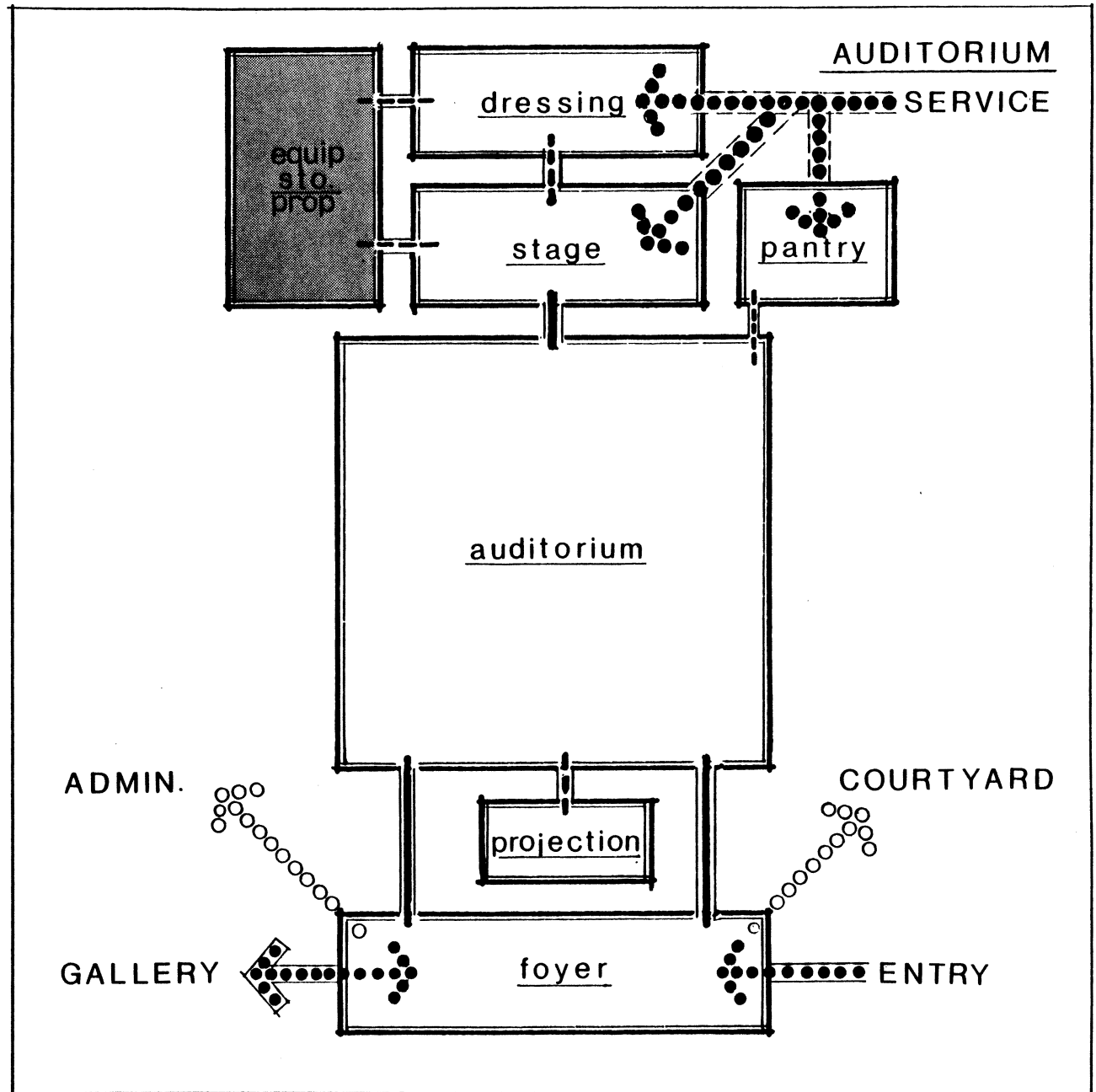
-Lighting FLUORESCENT

FINISHES

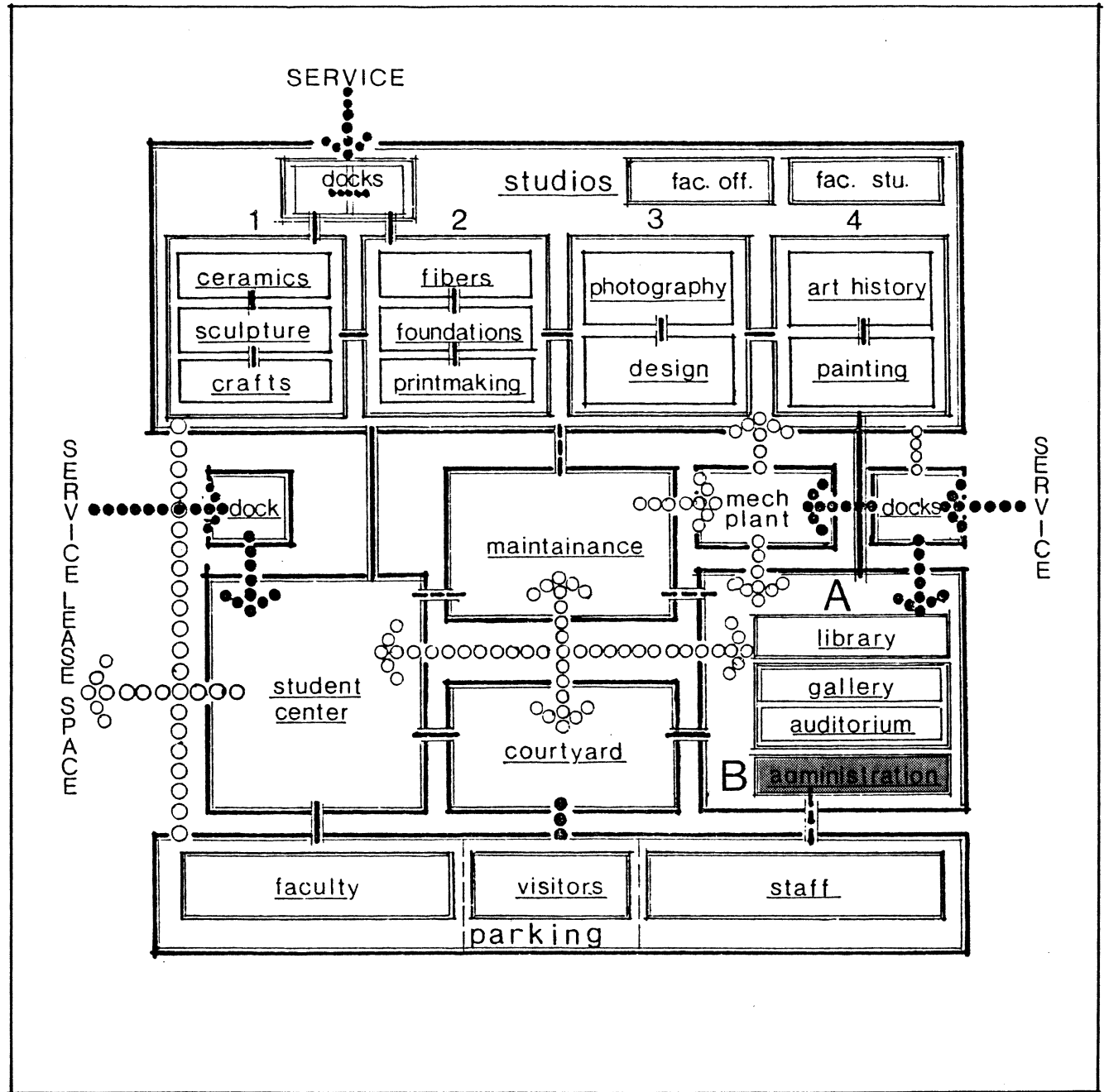
-Floor CONCRETE OR RESILIENT
TILE

-Walls BLOCK, PAINT, DRYWALL

-Ceiling OPEN PLENUM



ST. LOUIS ART SPECTRUM INSTITUTE



ADMINISTRATION

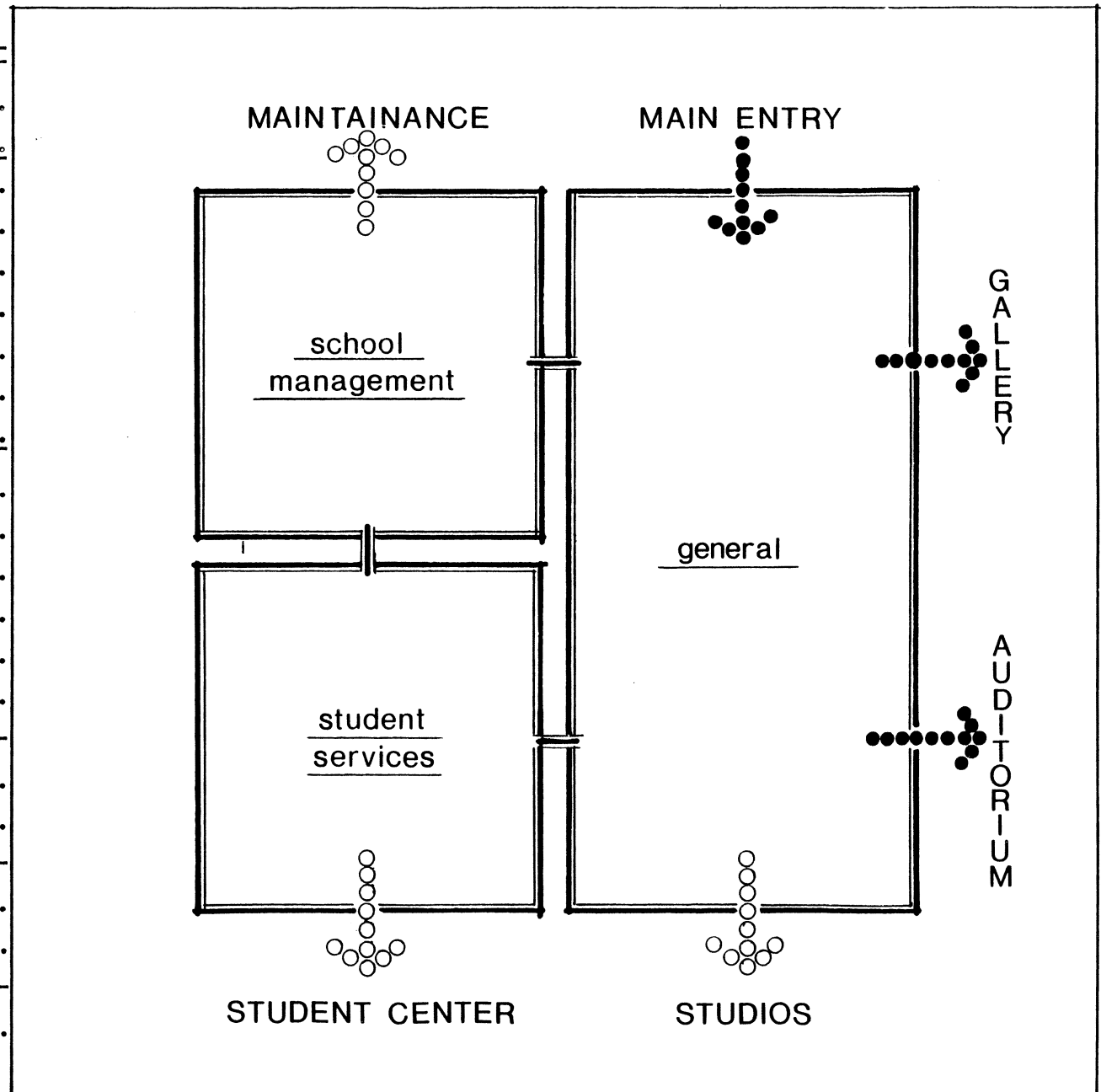
ADMINISTRATION DEPARTMENT

General -----	7030 s.f.
Student Services-----	6230 s.f.
Business Office -----	1240 s.f.
Recods Office -----	1220 s.f.
Deans Office -----	1120 s.f.
Admissions Office -----	850 s.f.
Counseling Office -----	1250 s.f.
Alumnii Office -----	550 s.f.
School Management -----	8330 s.f.
President's Office -----	1320 s.f.
Public Relations -----	980 s.f.
Development Office -----	530 s.f.
Exhibitions Office -----	1000 s.f.
Archives & Cataloguing --	1600 s.f.
Mail & Processing -----	2900 s.f.

Total Gross Administration -	21590 s.f.
Expansion -----	1416 s.f.

Total Possible S. F. -----	23006 s.f.
15% Circulation -----	3460 s.f.

Total Department -----	26526 s.f.

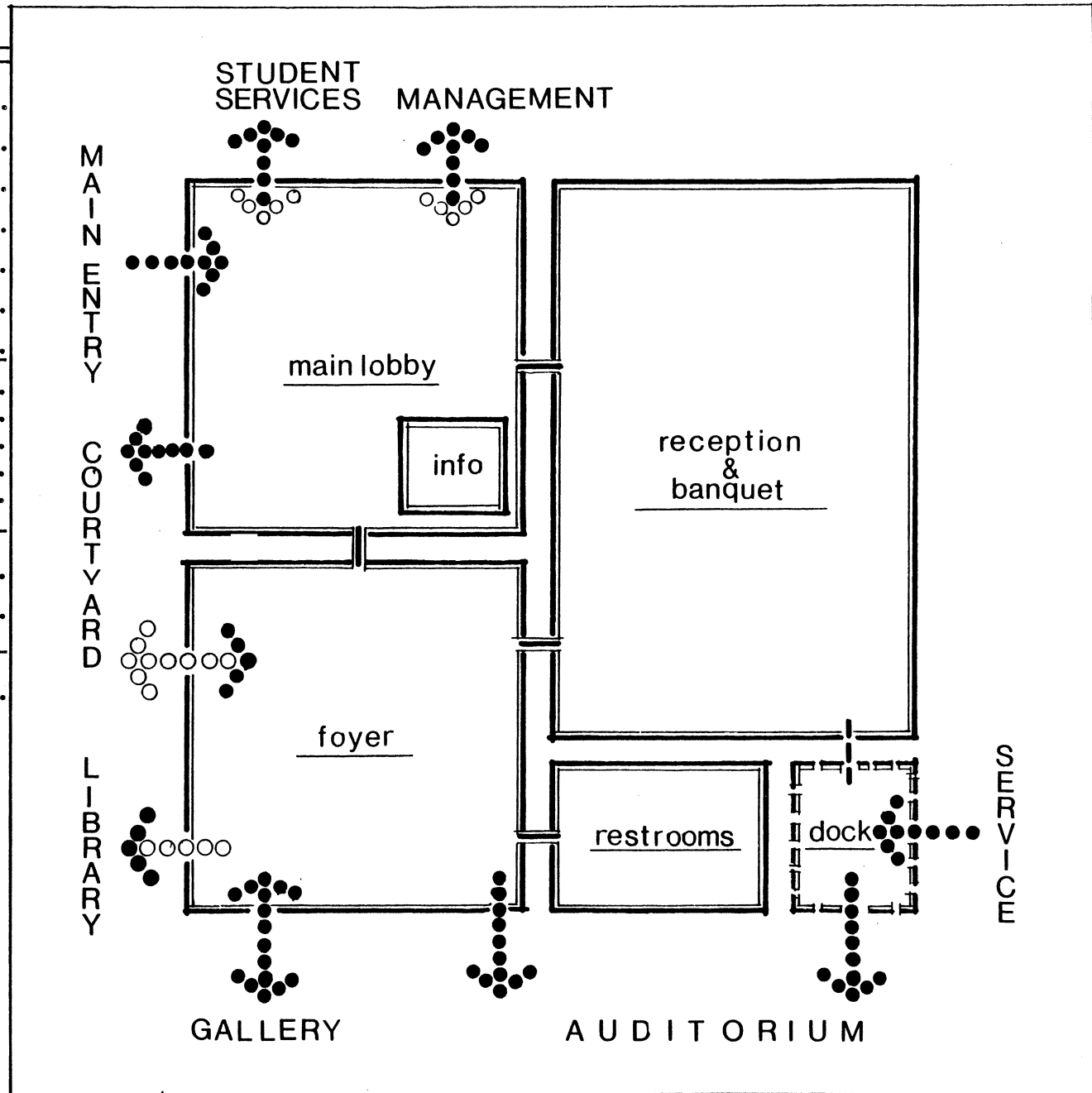


GENERAL

Main Lobby -----	1500 s.f.
Vending Area -----	100 s.f.
Main Foyer -----	1500 s.f.
Information -----	50 s.f.
Restrooms -----	800 s.f.
Dock -----	230 s.f.
Reception & Banquet -----	2850 s.f.
Reception & Banquet room -	1500 s.f.
Lounge 2 @ 500 -----	1000 s.f.
Pantry -----	150 s.f.
Kitchen -----	100 s.f.
Storage -----	100 s.f.

Gross -----	7030 s.f.
15% Circulation -----	1055 s.f.

Total Sub-department -----	8084 s.f.



Area:

lobbies

QUANTITY:
USERS

FUNCTION

EQUIPMENT

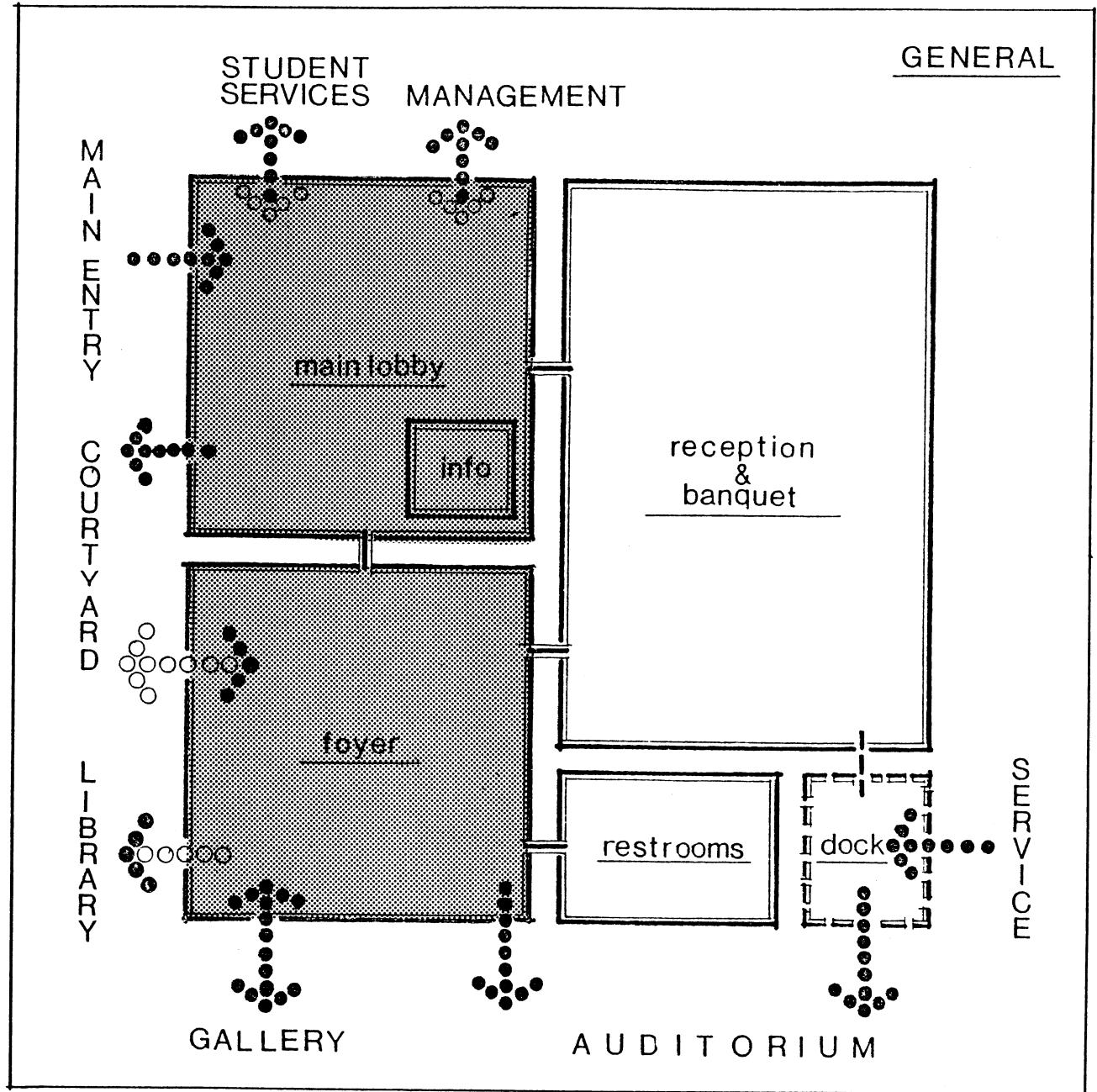
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE

Area:

banquet room

QUANTITY :
USERS

FUNCTION

EQUIPMENT

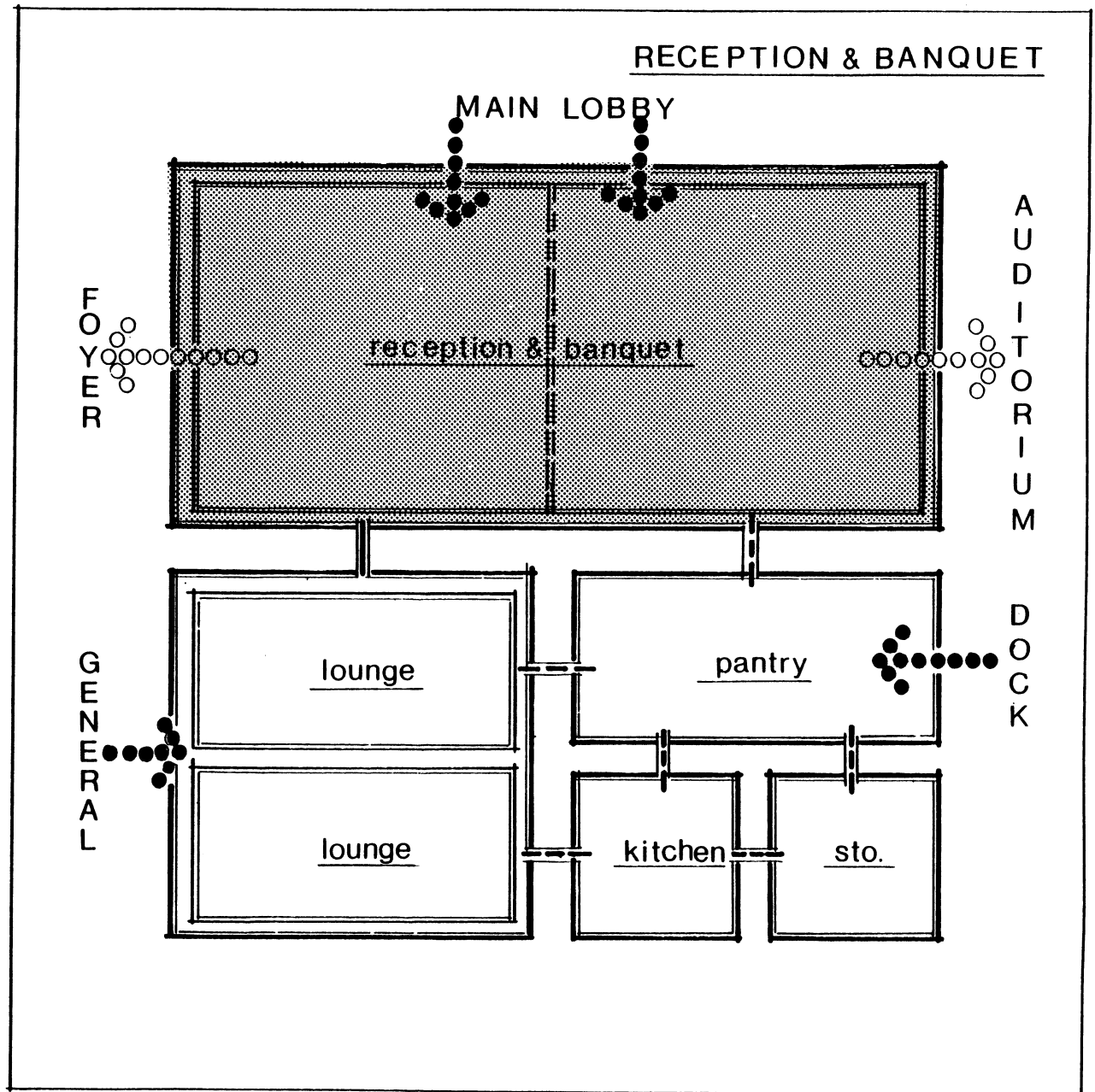
SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

lounges

QUANTITY :
USERS

FUNCTION

EQUIPMENT

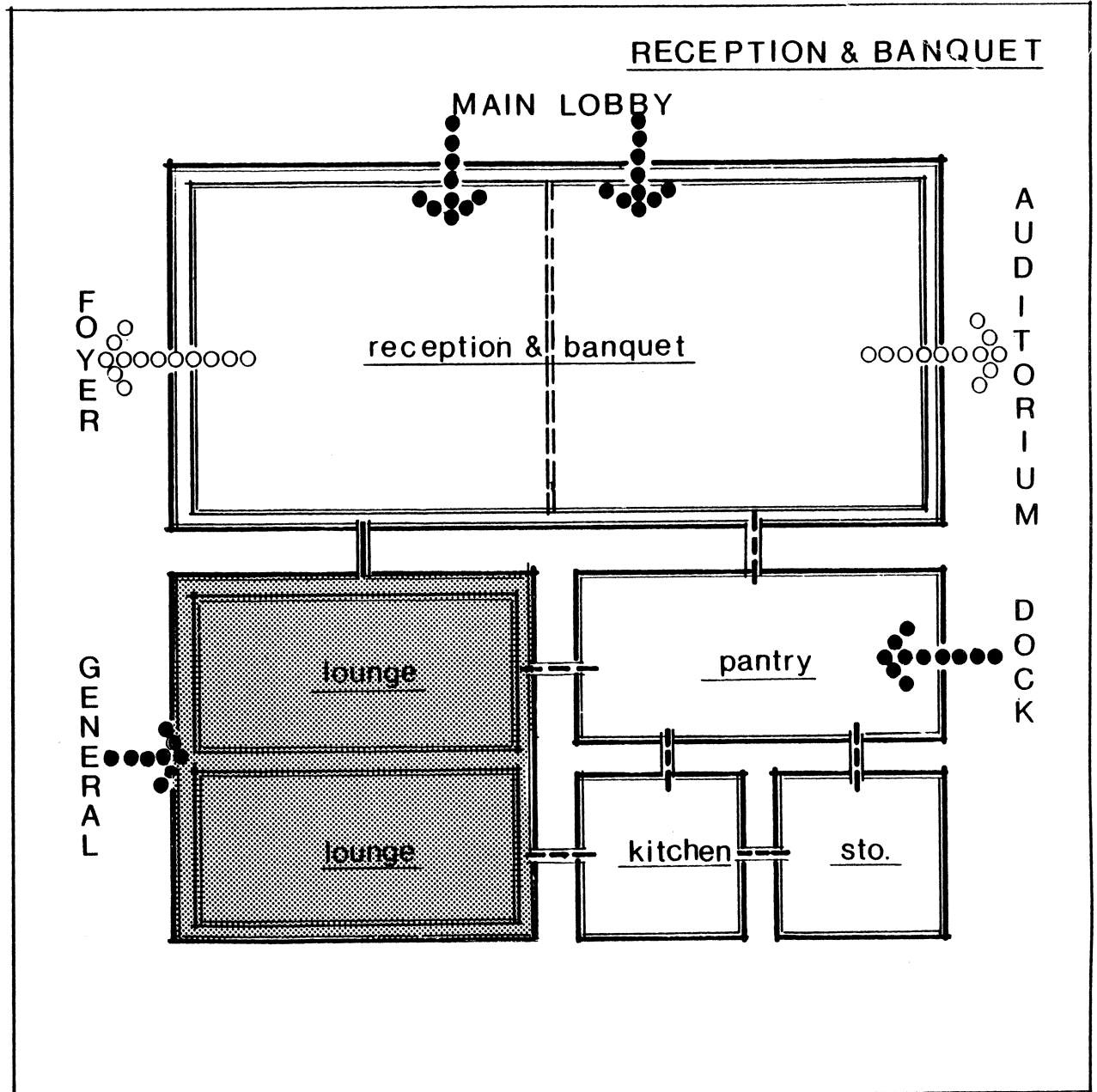
SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

pantry

QUANTITY:
USERS

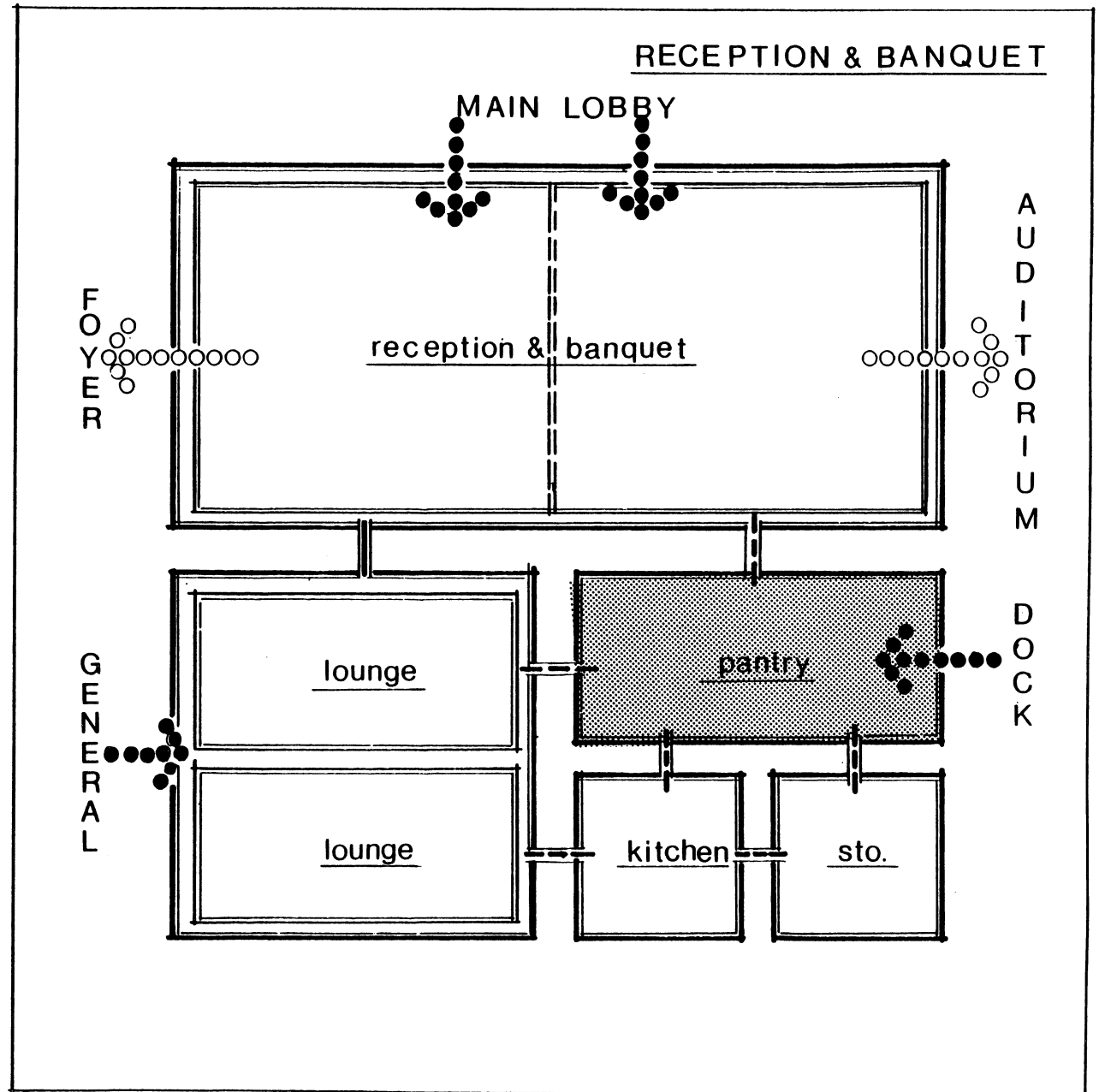
FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
 - H.V.A.C.
 - Plumbing
 - Lighting
- FINISHES
- Floor
 - Walls
 - Ceiling



Area:

kitchen

QUANTITY :
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS :

- Security

- H.V.A.C.

- Plumbing

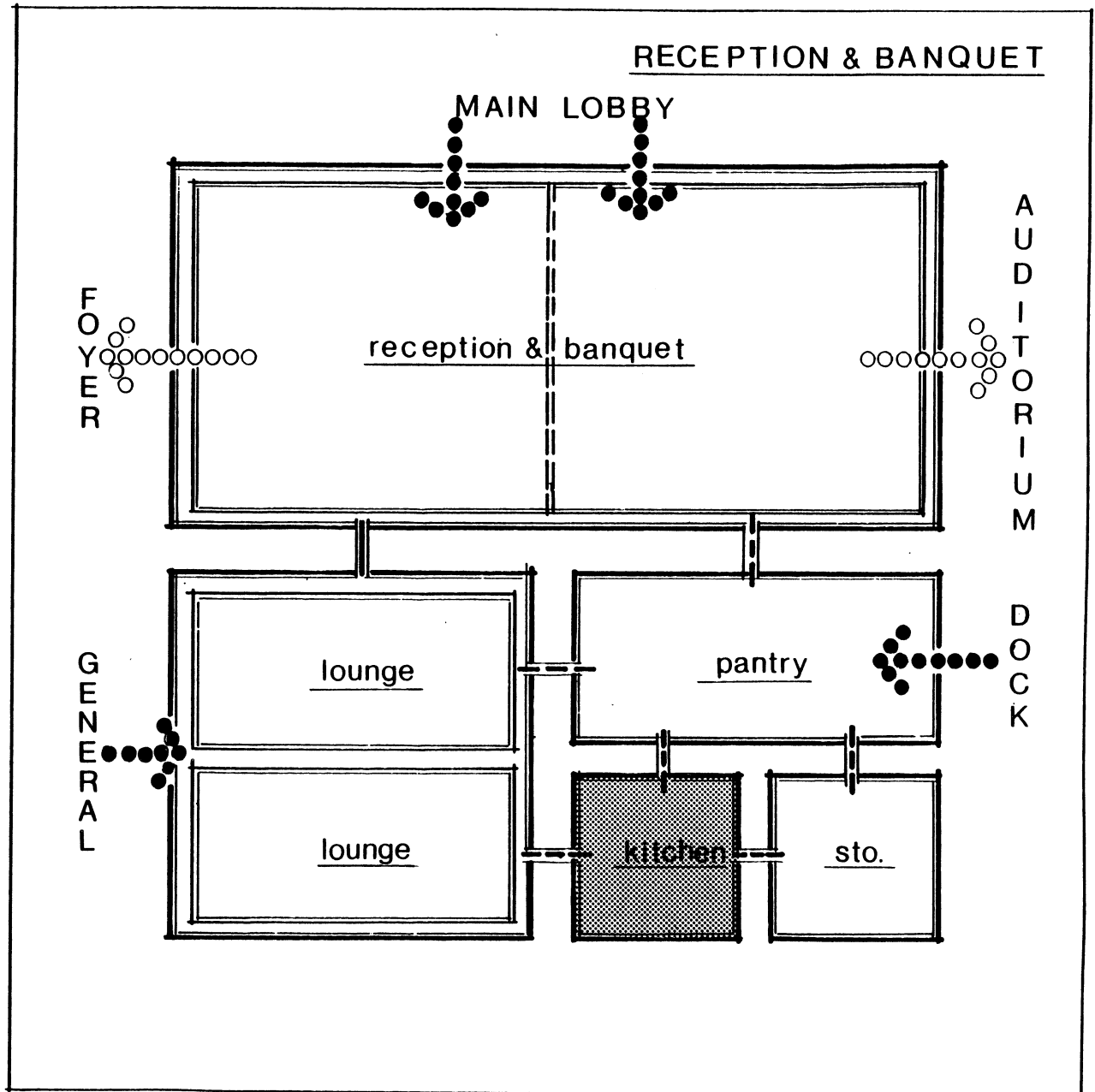
- Lighting

FINISHES

- Floor

- Walls

- Ceiling

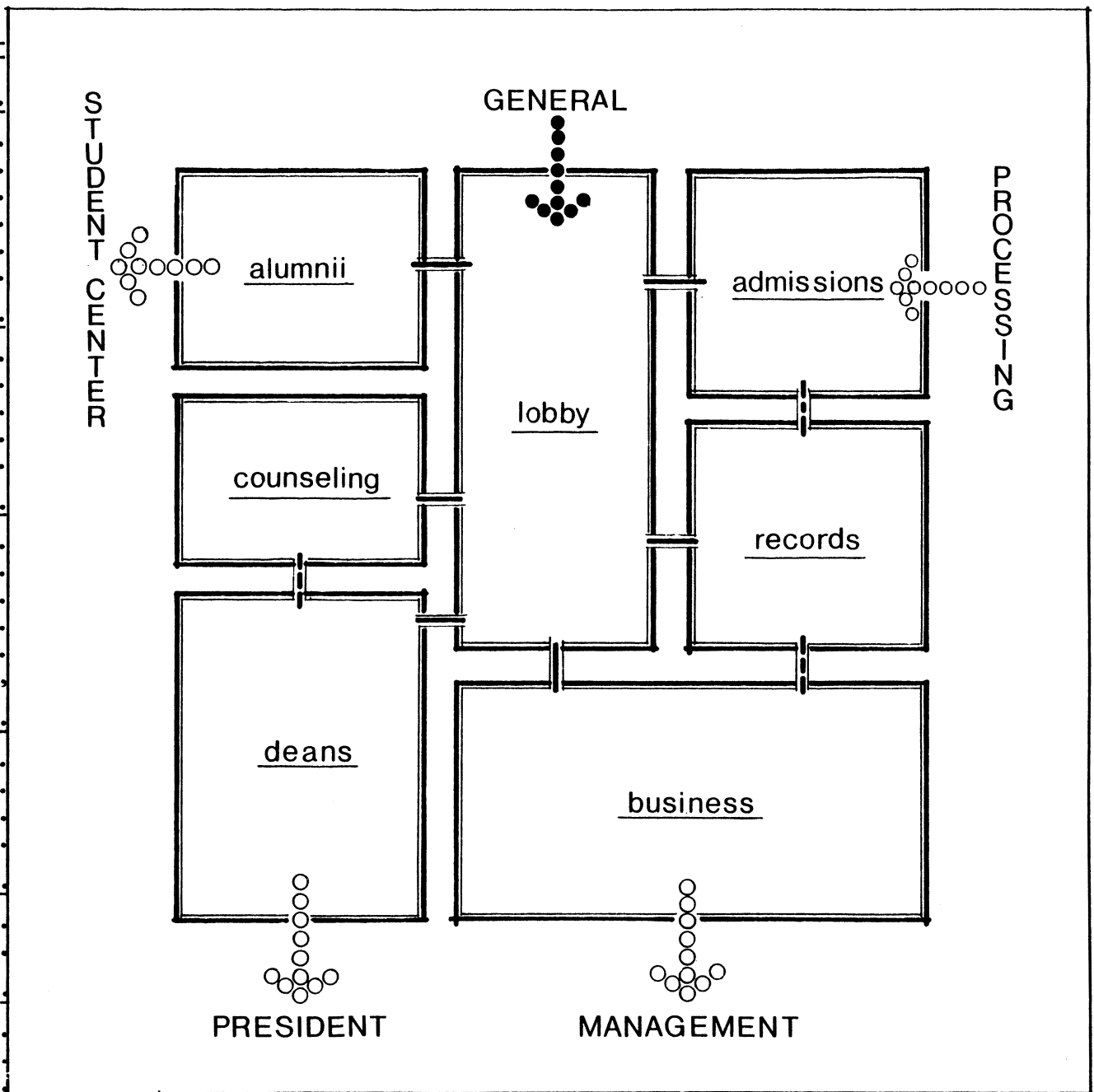


ST. LOUIS ART SPECTRUM INSTITUTE

STUDENT SERVICES

STUDENT SERVICES

Business Office -----	1240 s.f.
Counter & Secretarial ----	590 s.f.
Vice-President -----	220 s.f.
Exec-Secretary -----	150 s.f.
Personnel Director -----	150 s.f.
Storage -----	80 s.f.
Vault -----	50 s.f.
Records Office -----	1220 s.f.
Reception/Secretarial ----	400 s.f.
Work Room -----	300 s.f.
Registrar's Office -----	220 s.f.
Academic Advisor -----	150 s.f.
Storage -----	150 s.f.
Deans Office -----	1120 s.f.
Reception/Secretarial ----	300 s.f.
Conference Room -----	200 s.f.
Dean's Secretary -----	150 s.f.
Dean -----	220 s.f.
Assistant Dean -----	150 s.f.
Storage 2 @ 50 -----	100 s.f.
Admissions Office -----	850 s.f.
Reception/ Secretarial ---	400 s.f.
Work Room -----	200 s.f.
Admissions Director -----	150 s.f.
Storage -----	100 s.f.
Counseling Office -----	1250 s.f.
Meeting -----	800 s.f.
Counselor's 3 @ 150 ----	450 s.f.
Alumni Office -----	550 s.f.
Workroom/Secretarial ----	300 s.f.
Director -----	150 s.f.
Storage -----	100 s.f.



Area:

BUSINESS OFFICE

QUANTITY:
USERS

FUNCTION

EQUIPMENT

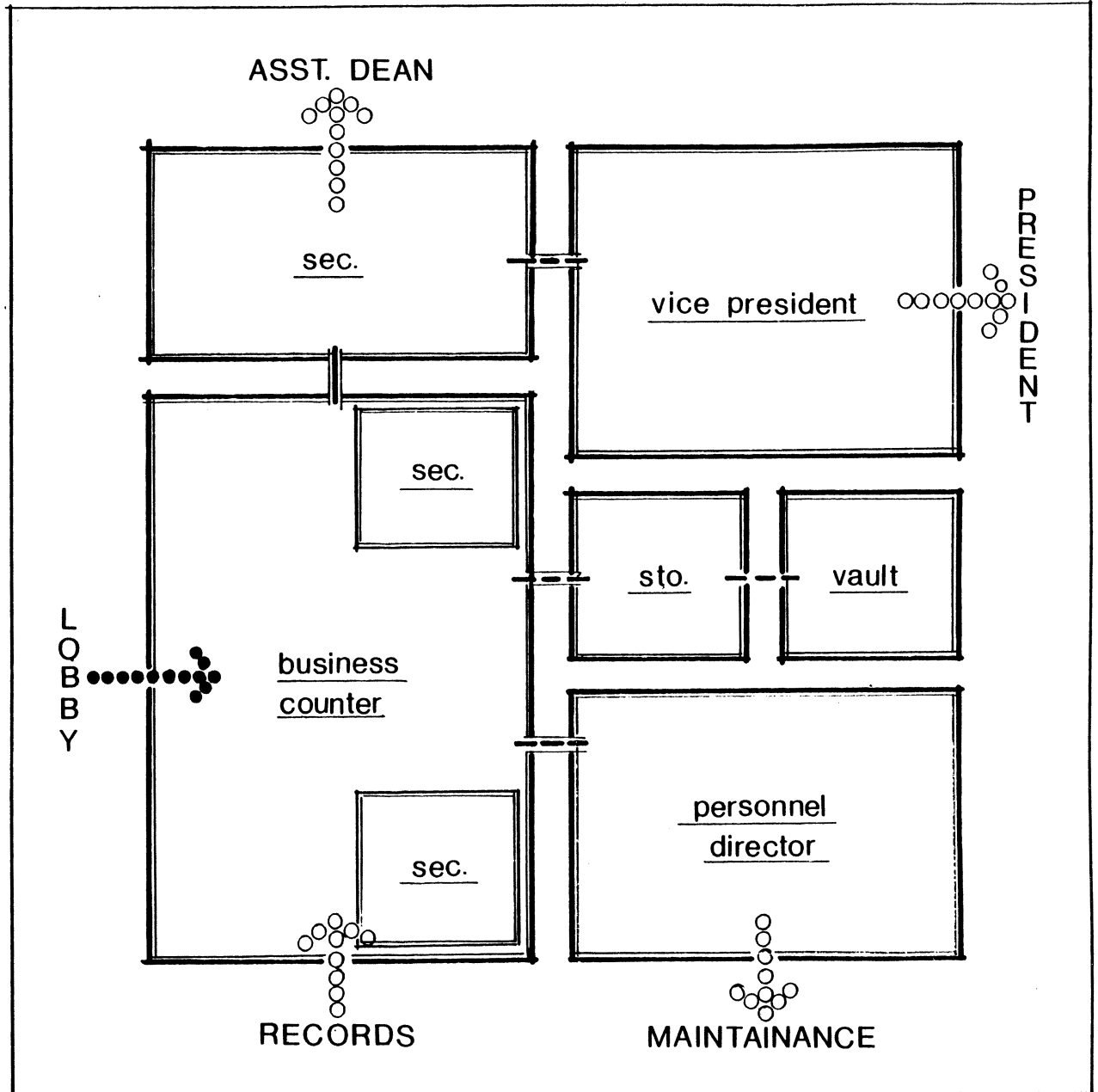
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

RECORDS OFFICE

QUANTITY:
USERS

FUNCTION

EQUIPMENT

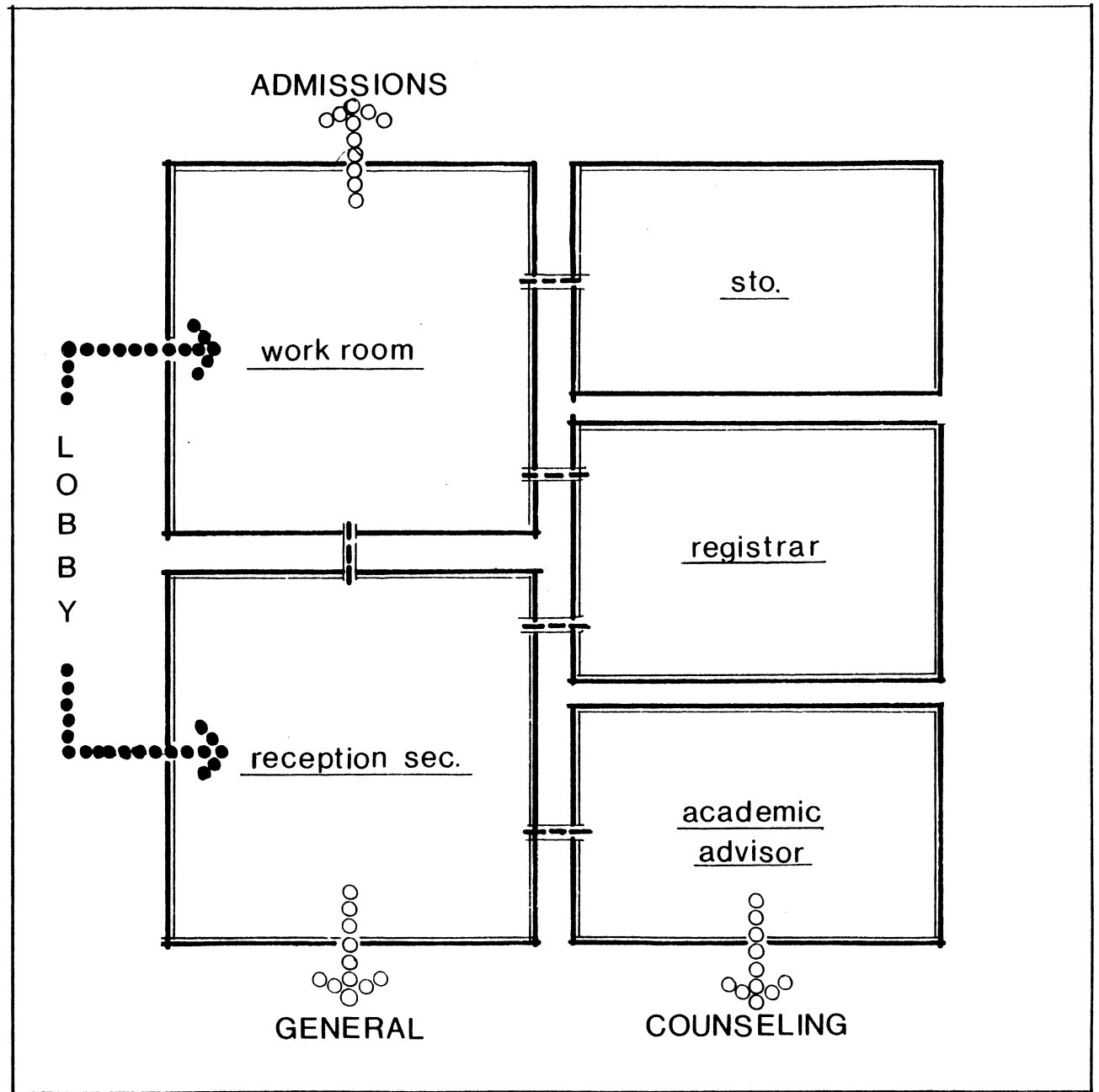
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

DEAN'S OFFICE

QUANTITY :
USERS

FUNCTION

EQUIPMENT

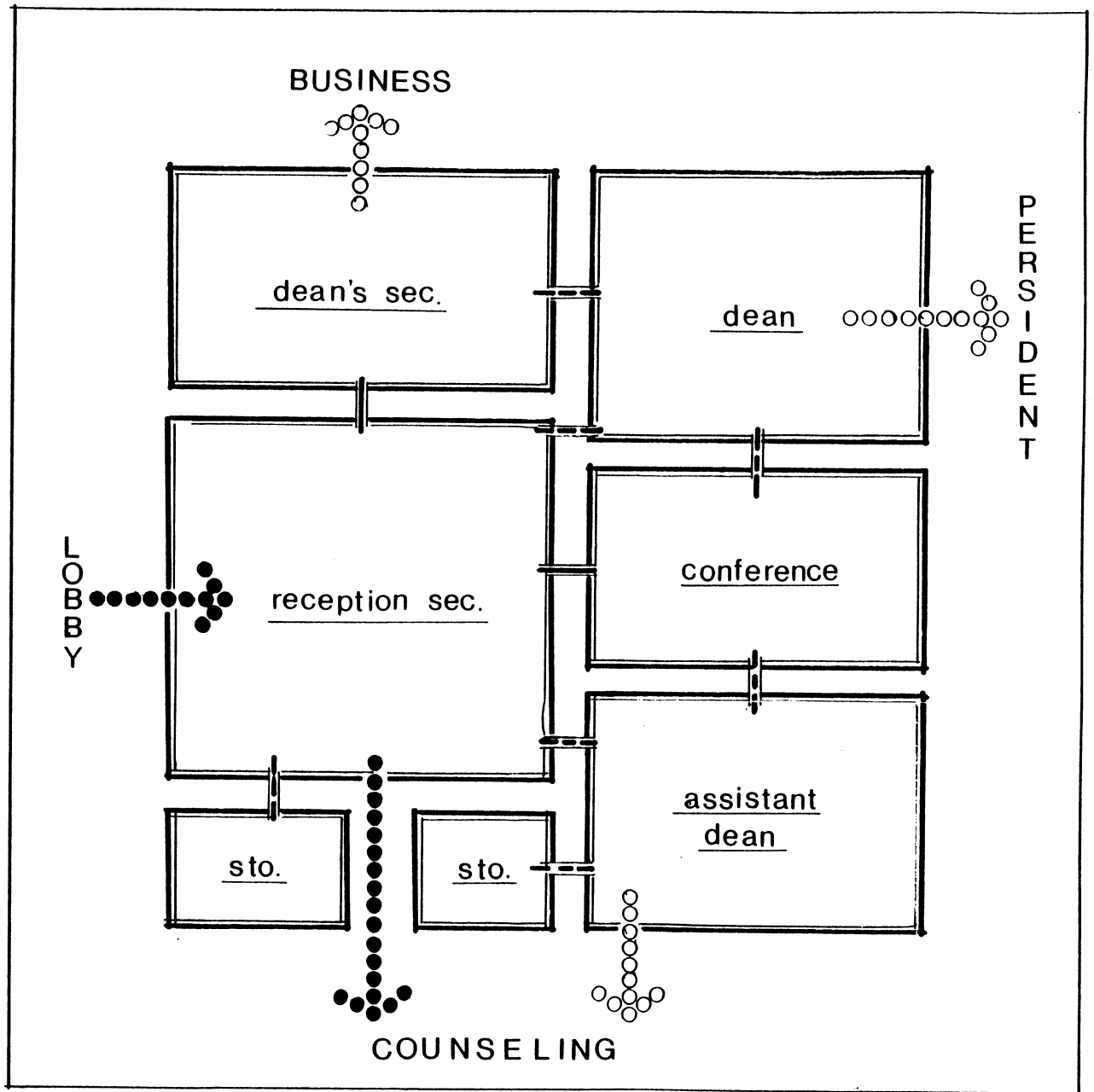
SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

ADMISSIONS OFFICE

QUANTITY:
USERS

FUNCTION

EQUIPMENT

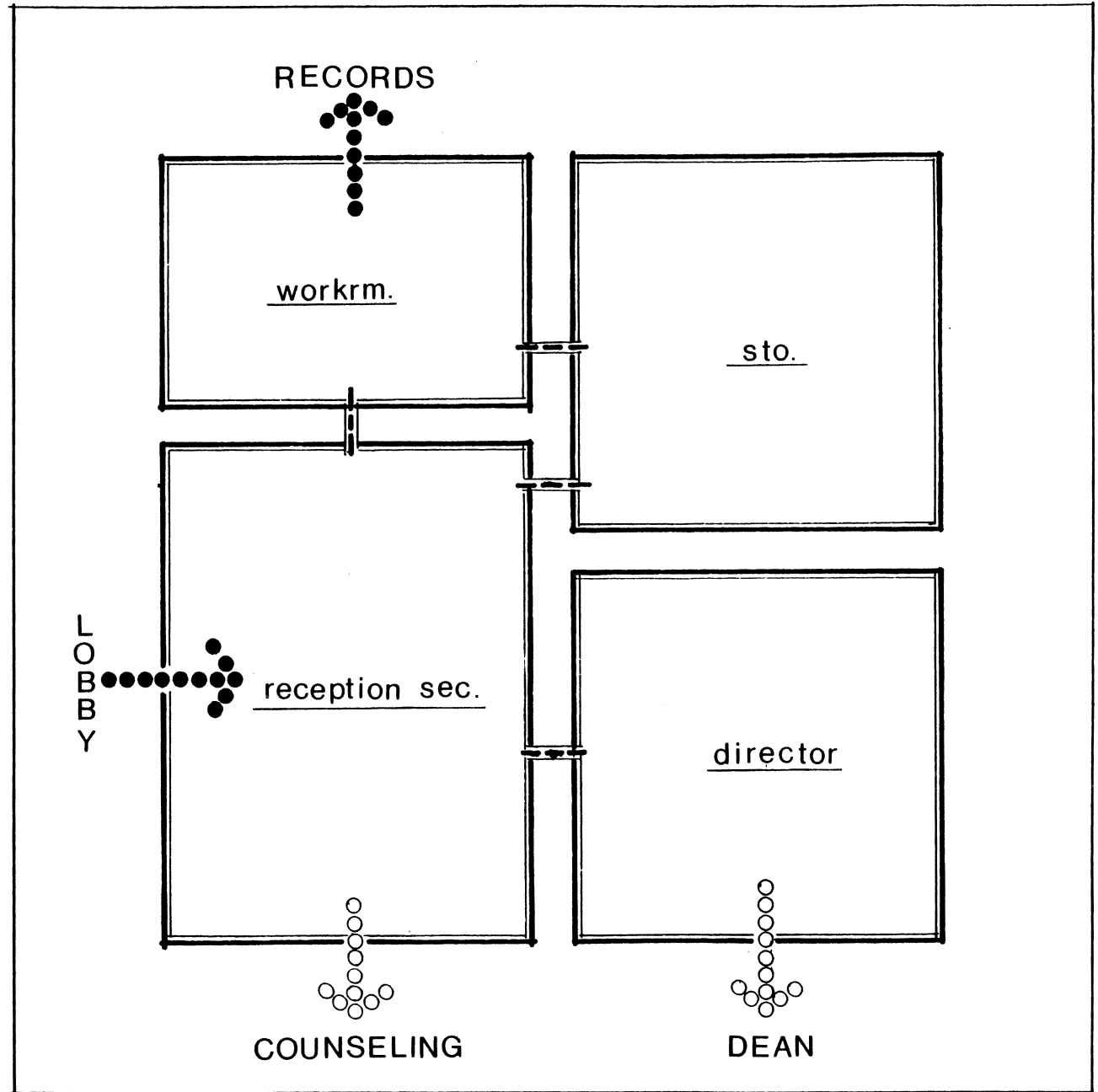
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

COUNSELING OFFICE

QUANTITY :
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS :
- Security

- H.V.A.C.

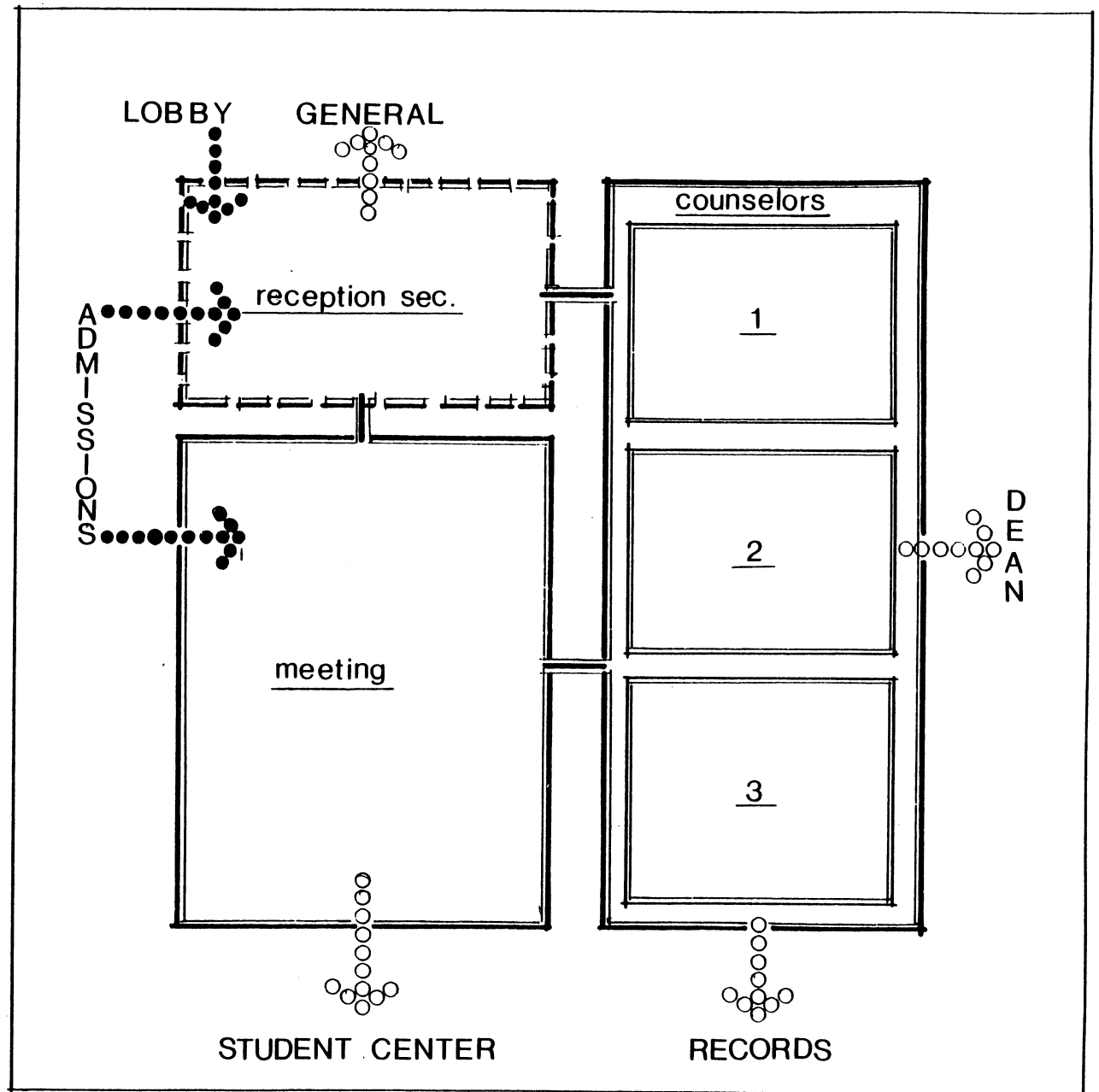
- Plumbing

- Lighting

FINISHES
- Floor

- Walls

- Ceiling



Area:

ALUMNII OFFICE

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

- Security

- H.V.A.C.

- Plumbing

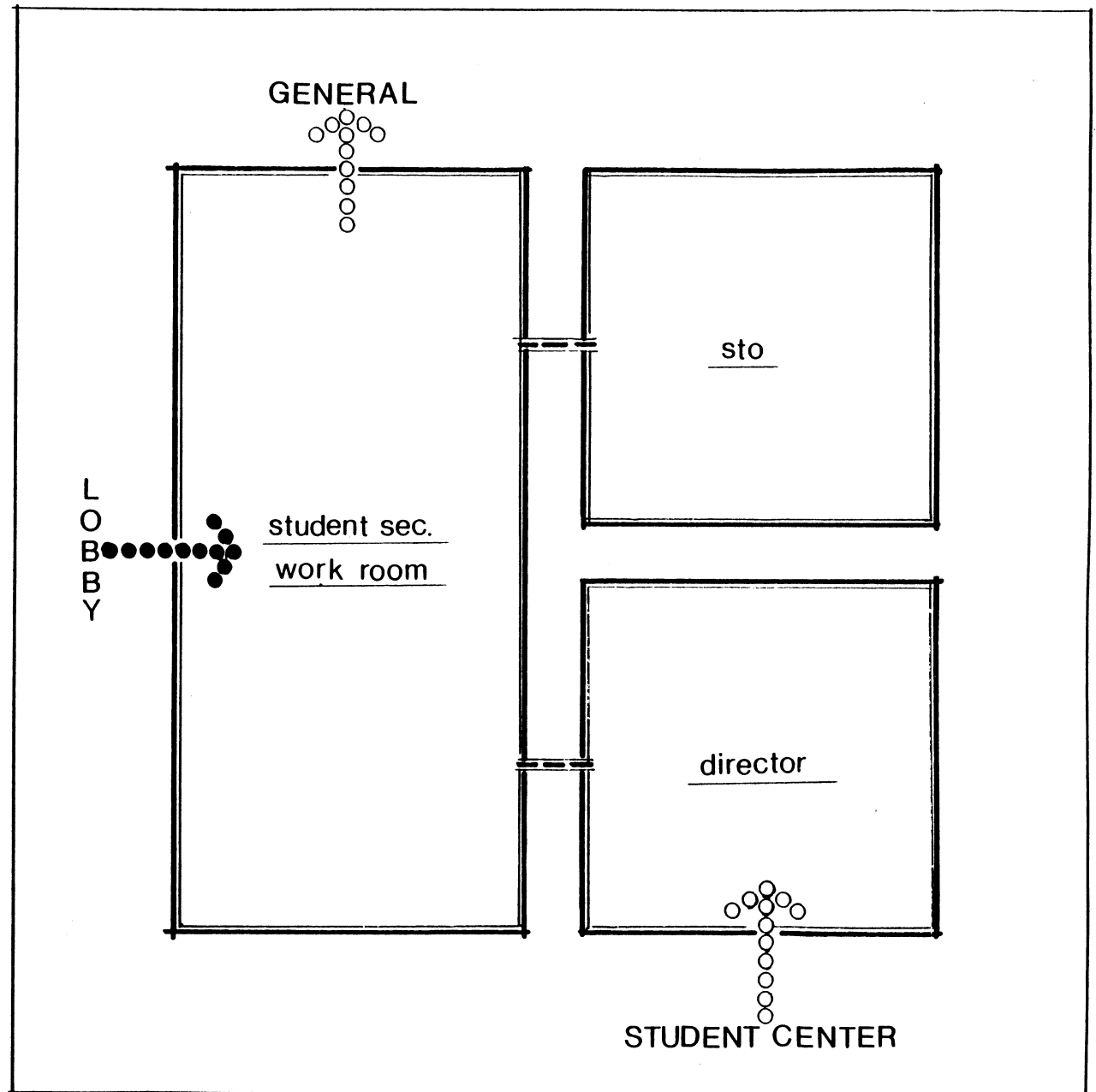
- Lighting

FINISHES

- Floor

- Walls

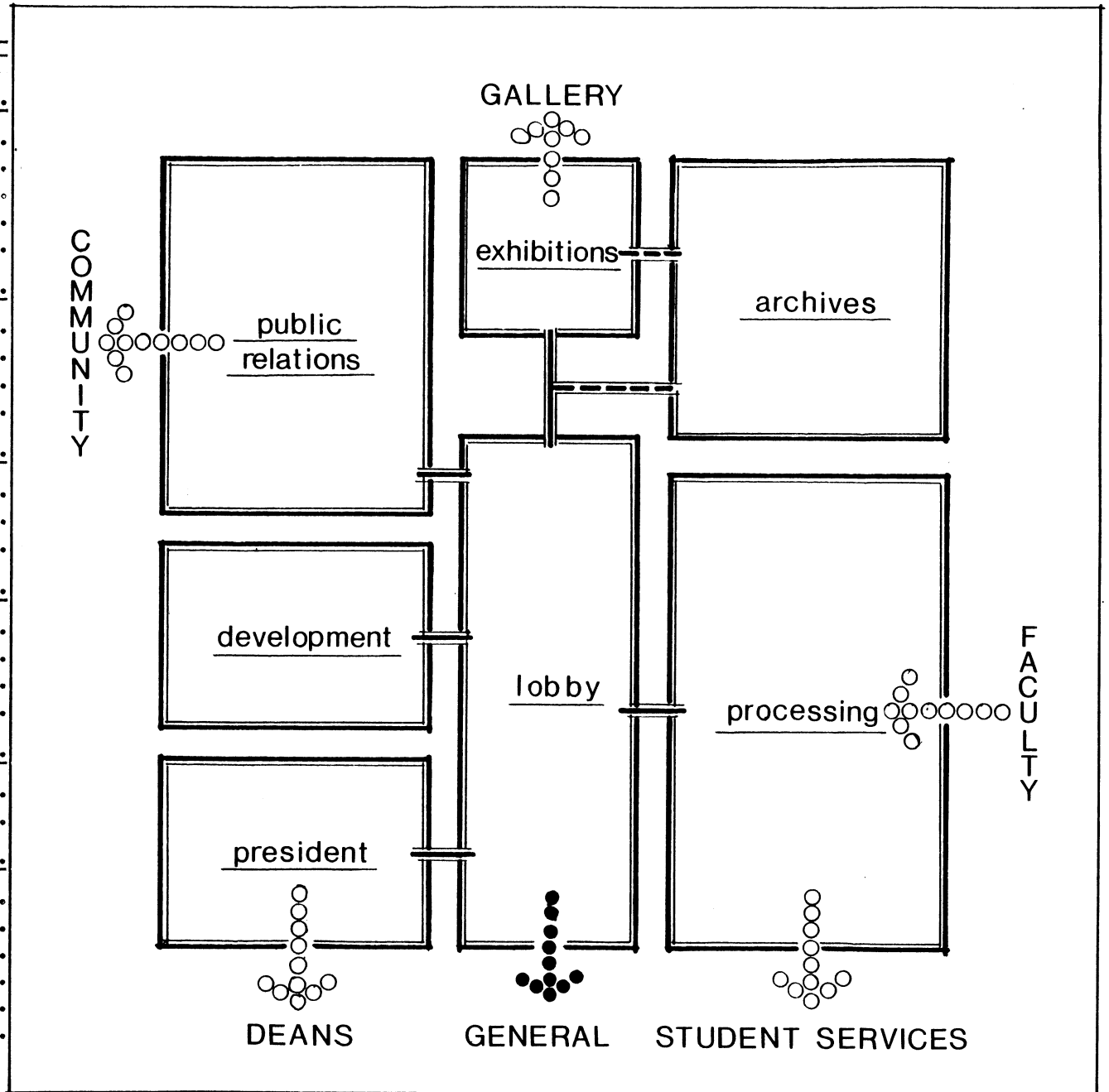
- Ceiling



SCHOOL MANAGEMENT

SCHOOL MANAGEMENT

President's Office -----	1320 s.f.
Reception secretary -----	220 s.f.
President -----	300 s.f.
Board Room -----	600 s.f.
Storage -----	100 s.f.
Pantry -----	100 s.f.
Public Relations -----	980 s.f.
Reception/Secretarial ----	600 s.f.
Director -----	150 s.f.
Assistant Director -----	150 s.f.
Storage -----	80 s.f.
Development Office -----	530 s.f.
Secretary -----	150 s.f.
Director -----	220 s.f.
Storage 2 @ 80 s.f.-----	160 s.f.
Exhibitions Office -----	1000 s.f.
Workroom -----	600 s.f.
Secretary -----	150 s.f.
Director -----	150 s.f.
Storage -----	100 s.f.
Archives & Cataloguing -----	1600 s.f.
Workroom -----	600 s.f.
Storage -----	1000 s.f.
Mail & Processing -----	2900 s.f.
Computer Room -----	600 s.f.
Workroom -----	800 s.f.
Mail Room -----	300 s.f.
Director -----	150 s.f.
Printing & Paper Process -	550 s.f.
Storage -----	500 s.f.



Area:

PRESIDENT'S OFFICE

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

- Security

- H.V.A.C.

- Plumbing

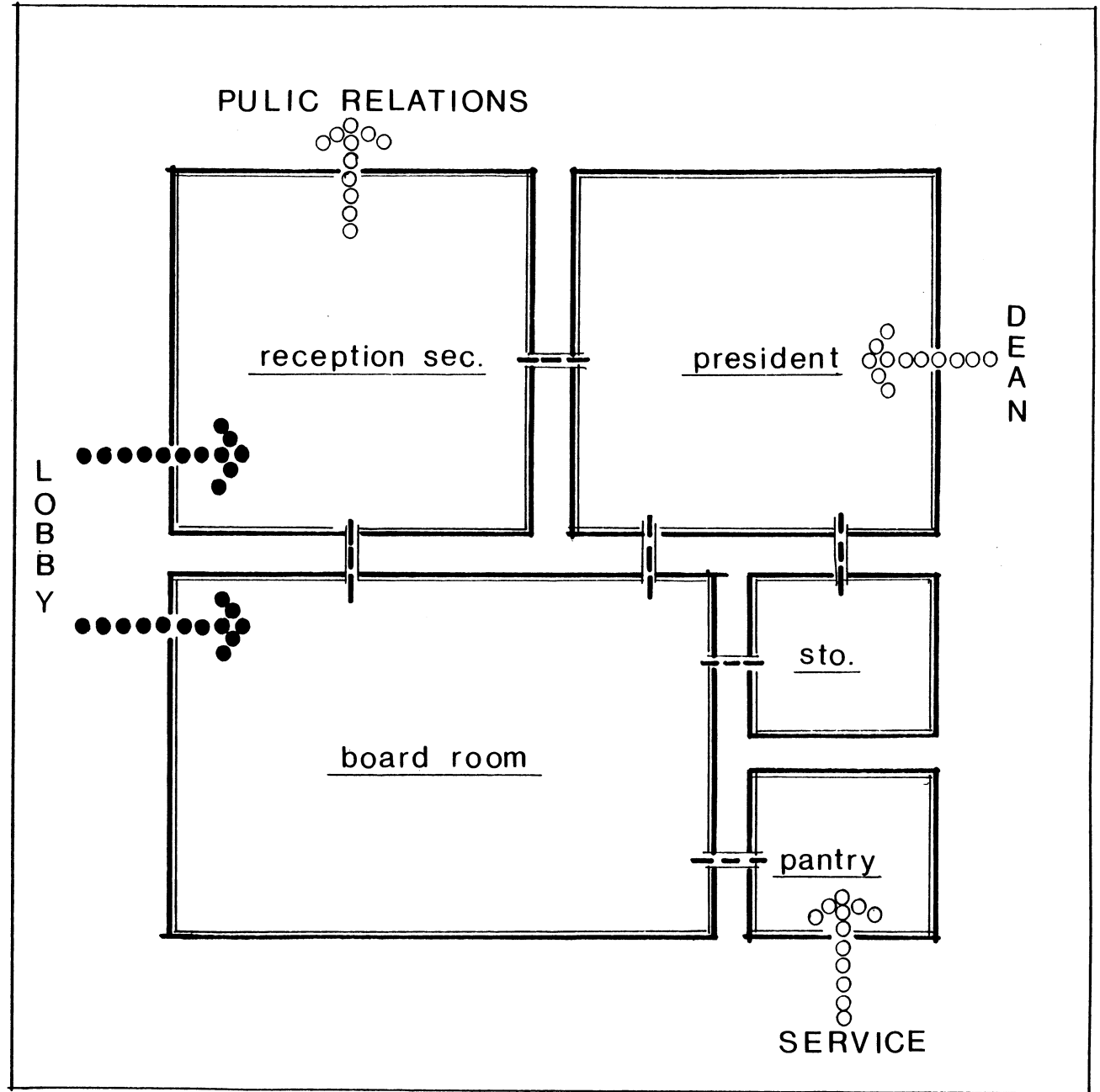
- Lighting

FINISHES

- Floor

- Walls

- Ceiling



Area:

PUBLIC RELATIONS OFFICE

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

- Security

- H.V.A.C.

- Plumbing

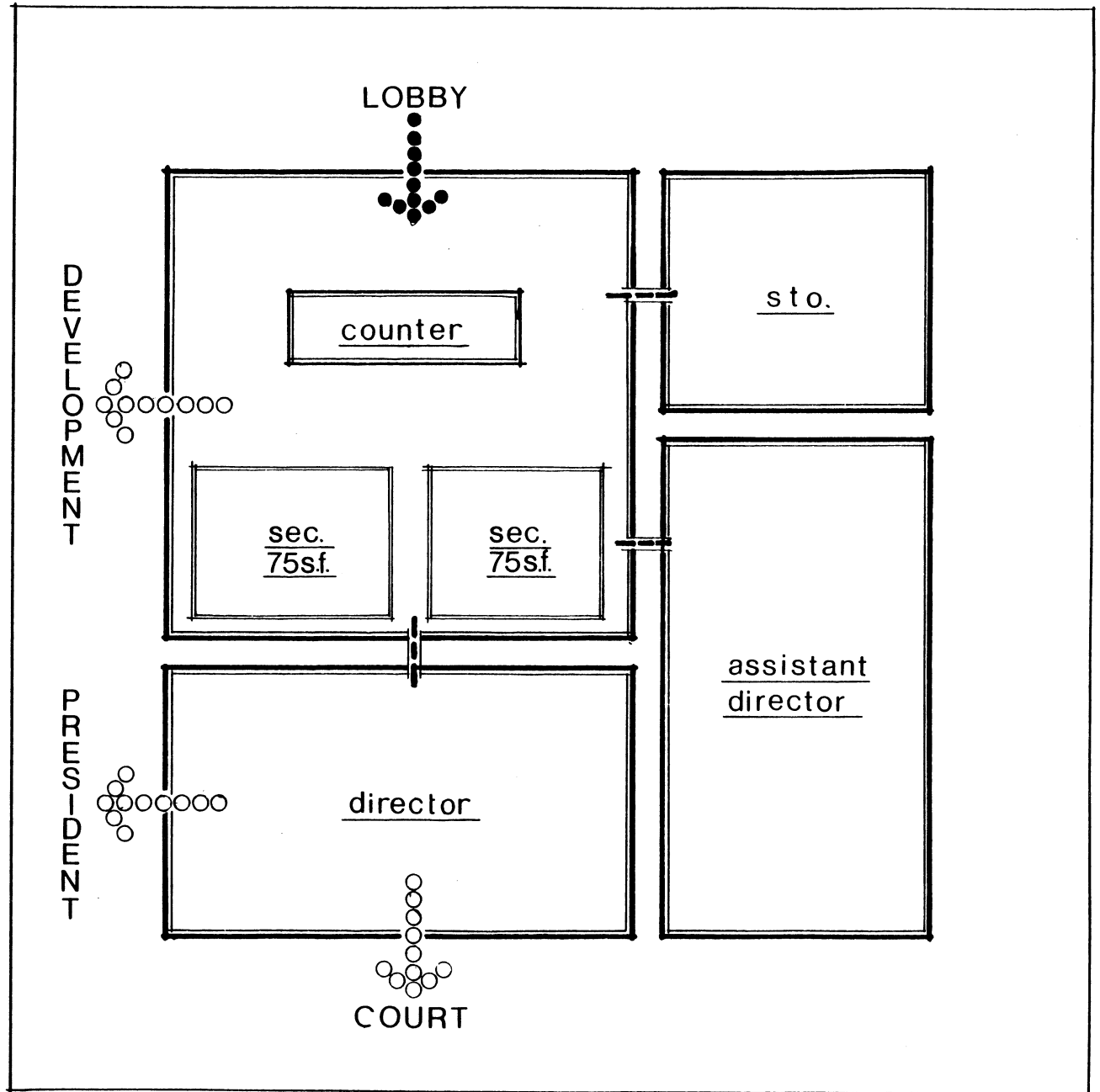
- Lighting

FINISHES

- Floor

- Walls

- Ceiling



Area:

DEVELOPMENT OFFICE

QUANTITY :
USERS

FUNCTION

EQUIPMENT

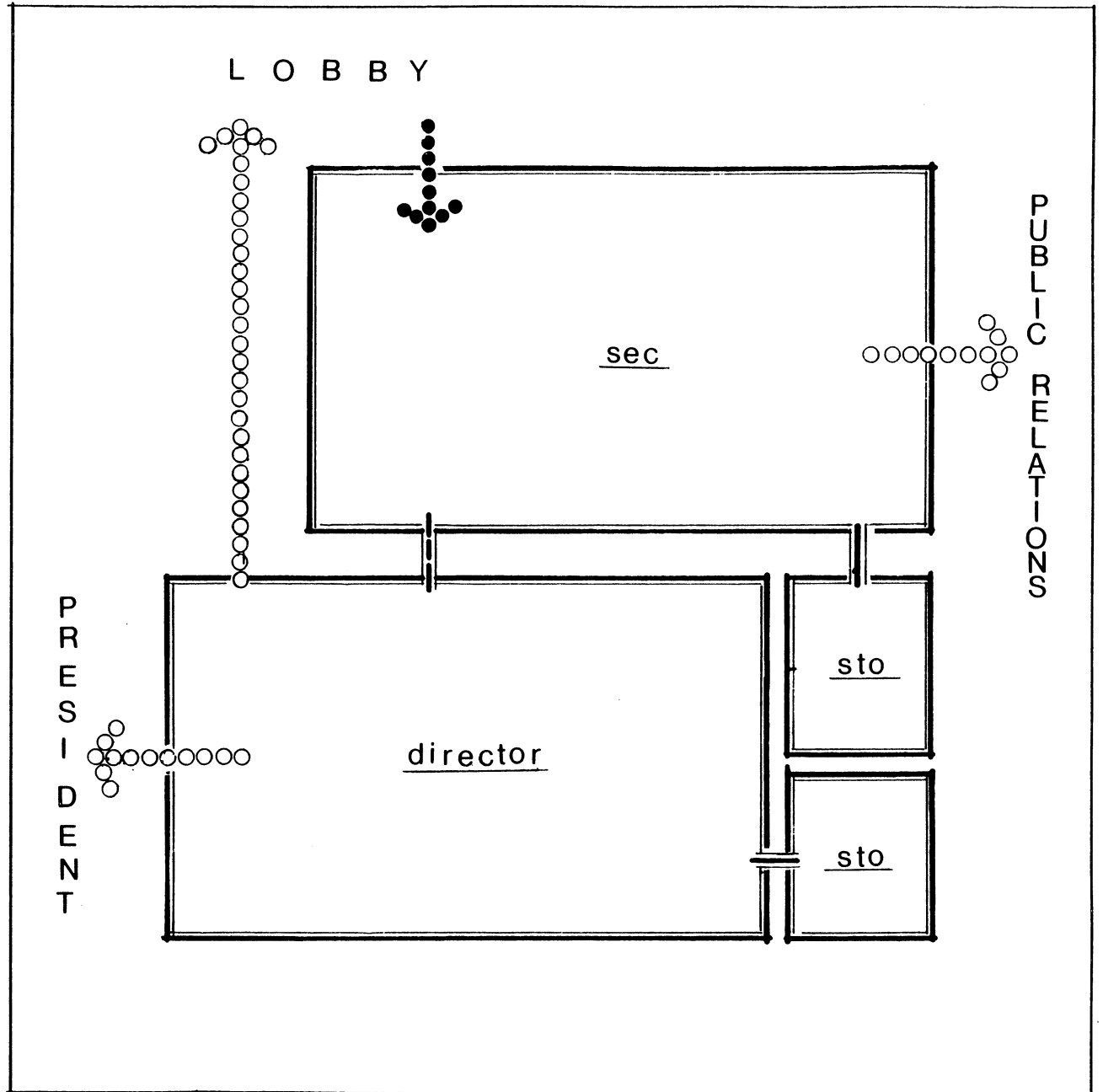
SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

EXHIBITIONS

QUANTITY :
USERS

FUNCTION

EQUIPMENT

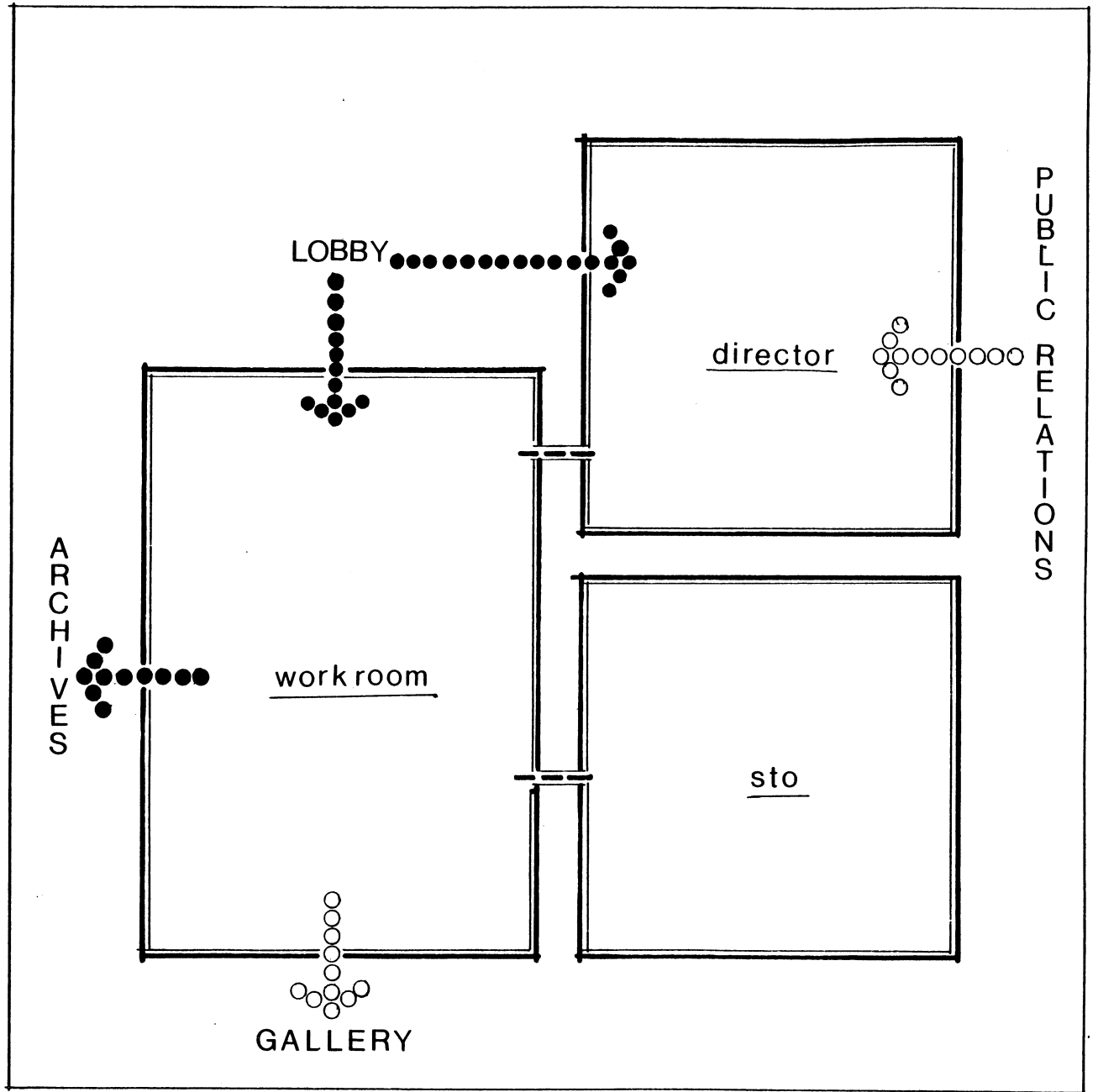
SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE

Area:

ARCHIVES & CATALOGUING

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

- Security

- H.V.A.C.

- Plumbing

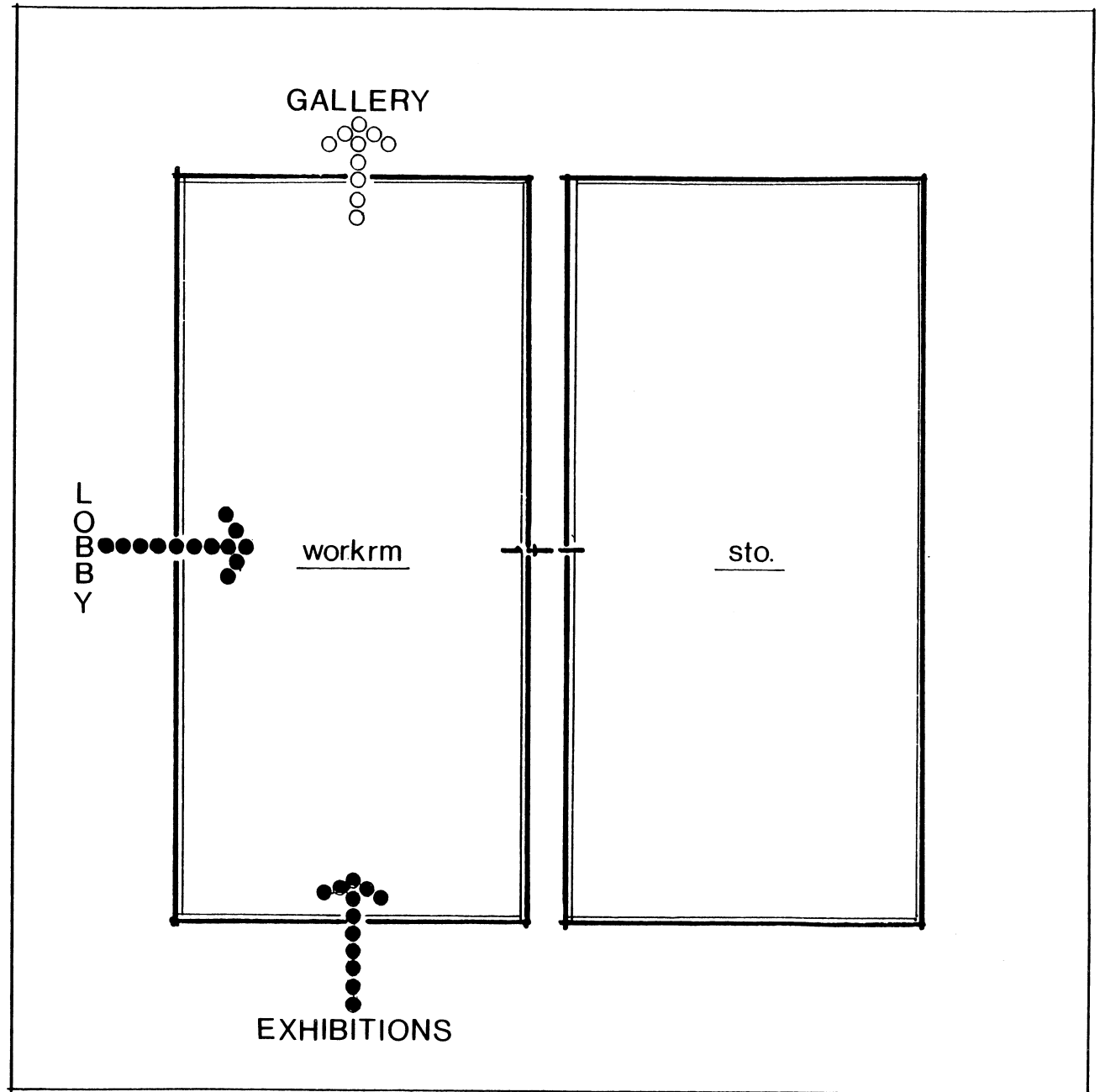
- Lighting

FINISHES

- Floor

- Walls

- Ceiling



Area:

MAIL & PROCESSING

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

-Security

-H.V.A.C.

-Plumbing

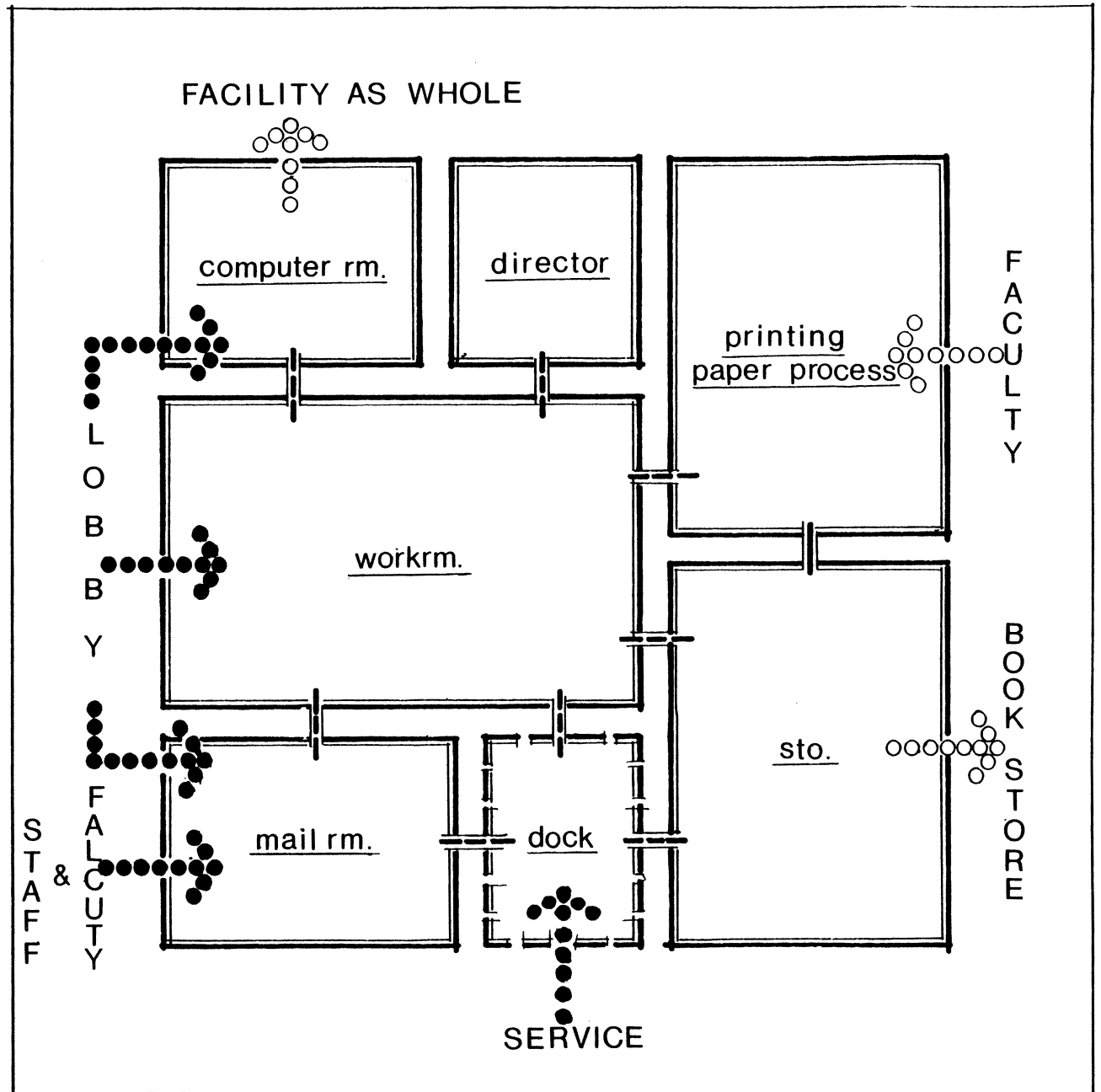
-Lighting

FINISHES

-Floor

-Walls

-Ceiling



EXPECTED ADMINISTRATION EXPANSION

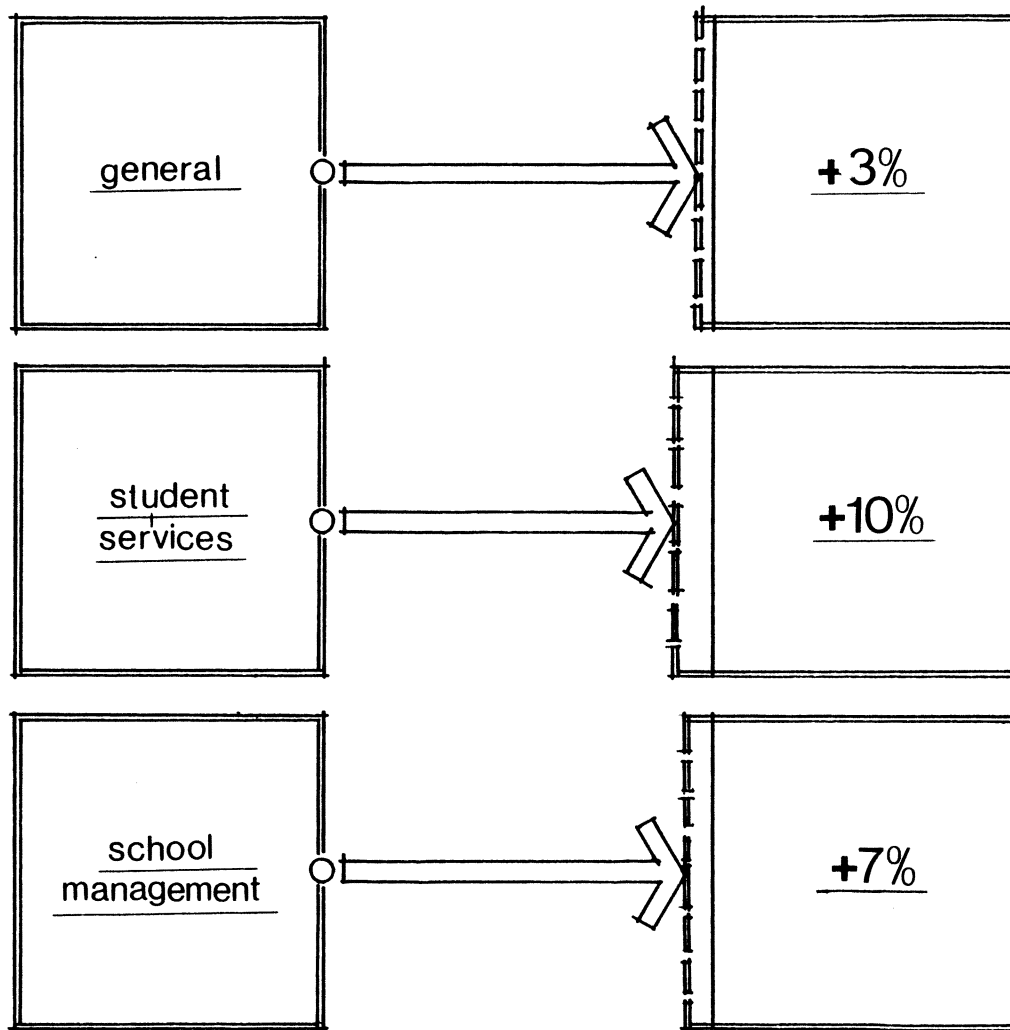
Although the necessary office space described in the breakdown of the general Student Services, and School Management, provides the possibility of growth within the respective sections of administration. Due to the future increasing of enrollment.

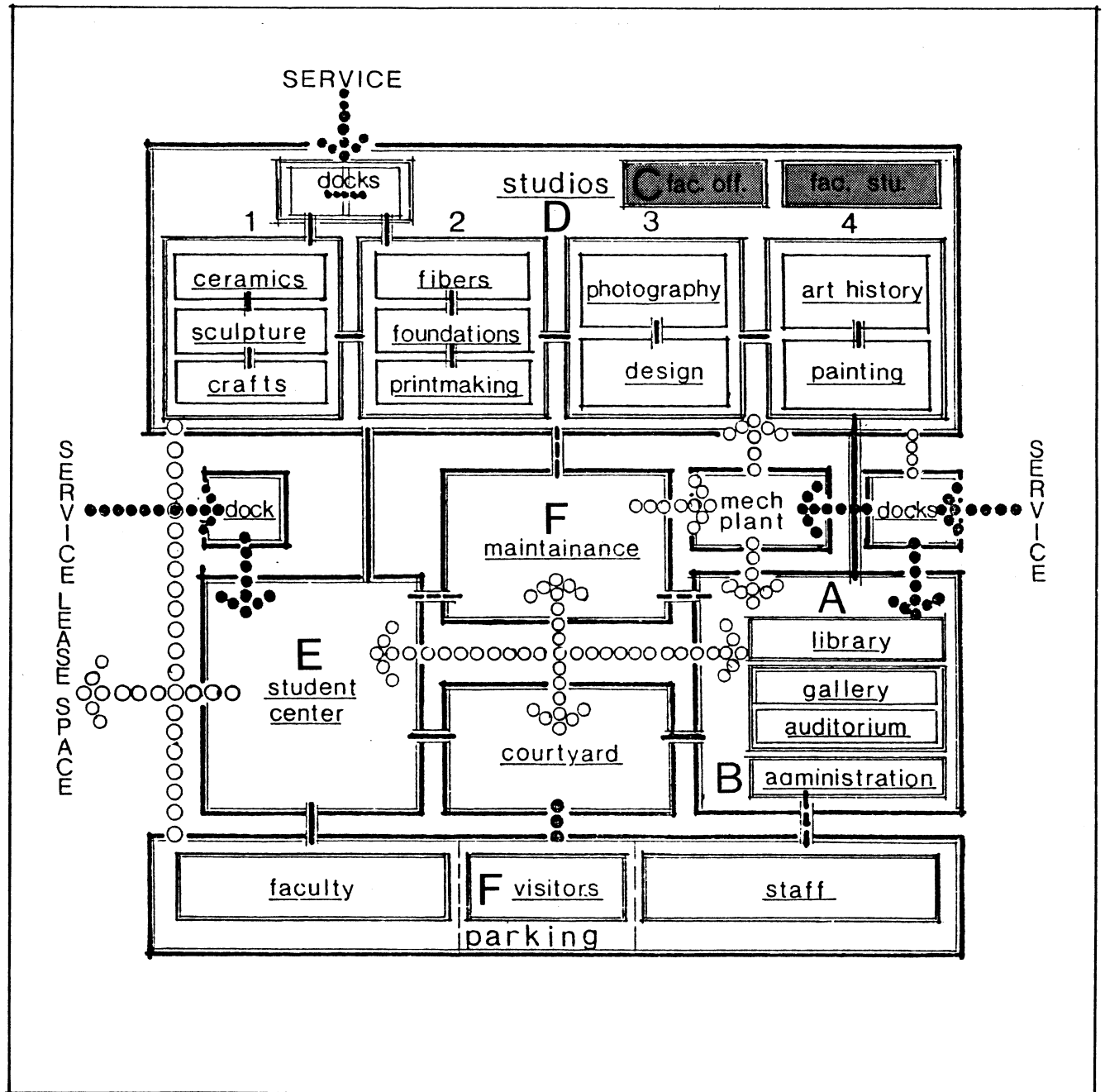
General @ 3 %----- 210 s.f.
 Student Services @ 10%----- 623 s.f.
 School Management @ 7% ----- 583 s.f.

 Total Administration Growth- 1416 s.f.

Source :

Kansas City Art Institute ,
 Administration dept. Carol Mclaughlin





FACULTY GROUPING

The faculty is composed of 56 members that is divided into four groups reflecting the centralization of services, workshops, and equipment. Some consideration should be underwritten to segregate the needs of the particular groups, since the proximity of the variety of workshops cannot be centralized. Some groups may prefer isolation in their studios, but more centralized offices.

All Studios @ 300 s.f. each

All Offices @ 150 s.f. each

Dept.	Members	Studios	Offices
Ceramics	4	1200 s.f.	600 s.f.
Sculpture	4	1200 s.f.	600 s.f.
Crafts	4	1200 s.f.	600 s.f.
Group 1	12	3600 s.f.	1200 s.f.
Fibers	3	900 s.f.	450 s.f.
Foundations	8	2400 s.f.	1200 s.f.
Printmaking	5	1500 s.f.	750 s.f.
Group 2	16	4800 s.f.	2400 s.f.
Photography	4	1200 s.f.	600 s.f.
Design	8	2400 s.f.	1200 s.f.
Group 3	12	3600 s.f.	1800 s.f.
Lib. Arts	9	----	1350 s.f.
Painting	7	2100 s.f.	1050 s.f.
Group 4	16	2100 s.f.	2400 s.f.
All Groups	56	16800 s.f.	8400 s.f.

QUANTITY: 56 @ 150 s.f.+15% circ.

USERS

FACULTY

FUNCTION

PRIVATE OFFICE WORK, CASE STUDY

EQUIPMENT

GENERAL OFFICE EQUIPMENT, DESK,
TYPEWRITER, CREDENZA, CHAIRS, SHELVES
FILECASES, ETC.

SPECIAL CONSIDERATIONS

ADJACENCY TO FACULTY STUDIO, PRIVACY
PREFERRABLE NATURAL LIGHT, SOME INSTAN-
CES MAY REQUIRE RELATION TO ADMIN.

SYSTEMS:

- Security NO
- H.V.A.C. SINGLE ZONE OPEN
THERMOSTAT
- Plumbing NO
- Lighting FLUORESCENT

FINISHES

- Floor RESILIENT TILE
- Walls TACKBOARD, DRYWALL, PAINT
- Ceiling HANGING REMOVABLE TILE

QUANTITY : 56 @ 300 s.f.+ 15% circ

USERS

INDIVIDUAL FACULTY

FUNCTION

PRIVATE ART STUDIO

EQUIPMENT

TABLE, CHAIRS, CLOSET, IN GENERAL ANY SET-UP THE ARTIST REQUIRES.

SPECIAL CONSIDERATIONS

THE PARTICULAR ARTIST OR GROUP OF ARTISTS, MAY REQUIRE CLOSE ADJACENCY TO CERTAIN WORKSHOPS.

SYSTEMS:

-Security NO

-H.V.A.C. SINGLE ZONE , OPEN THERMOSTAT

-Plumbing YES, SINKS

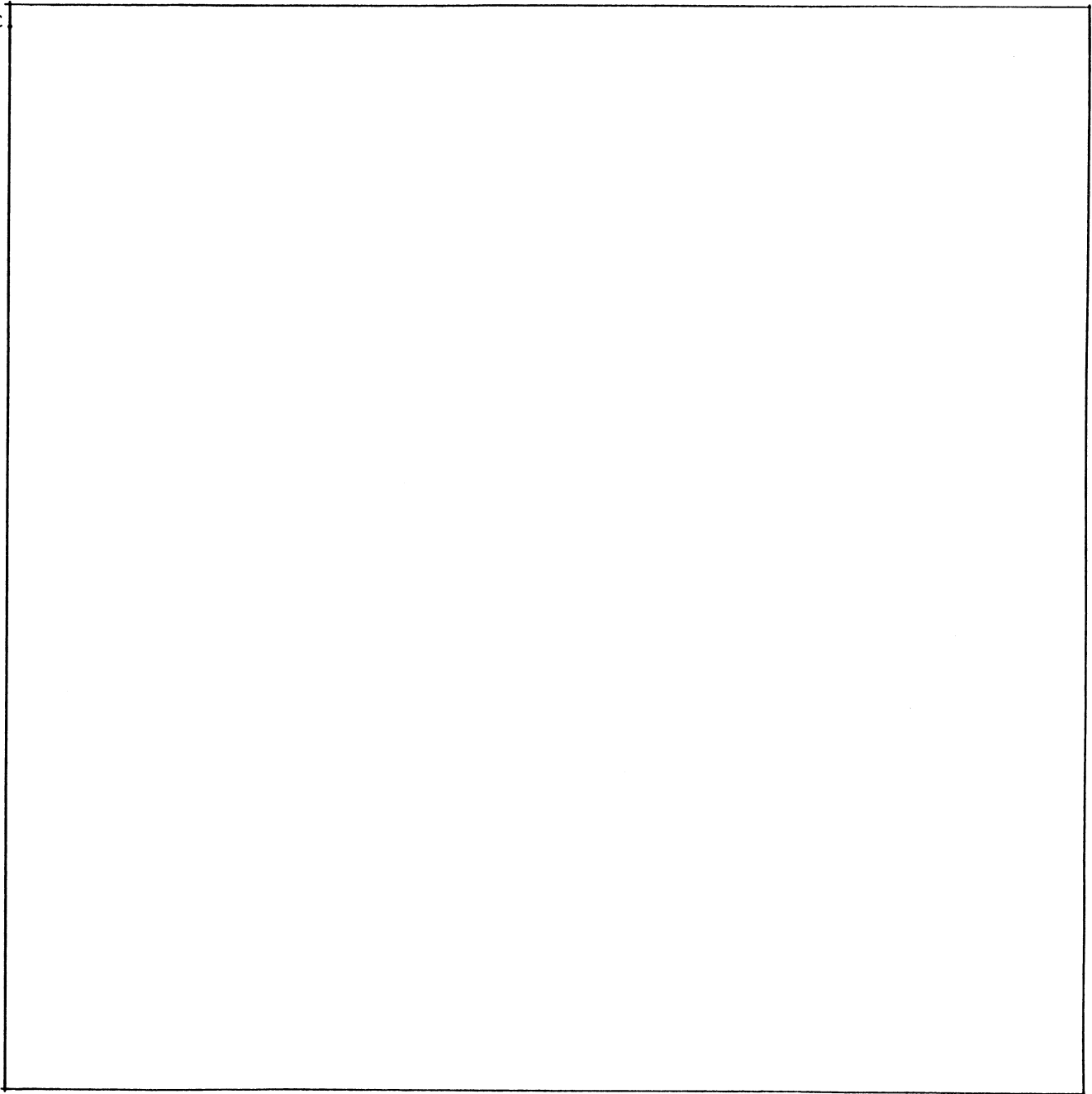
-Lighting FLUORESCENT,NATURAL,IN SOME CASES NORTH EXPOSURE

FINISHES

-Floor RESILIENT TILE

-Walls TACKBOARD, BLACKBOARD DRYWALL OR CONC. BLOCK

-Ceiling OPEN PLENUM



Area:

DIVISION D

QUANTITY :
USERS

FUNCTION

EQUIPMENT

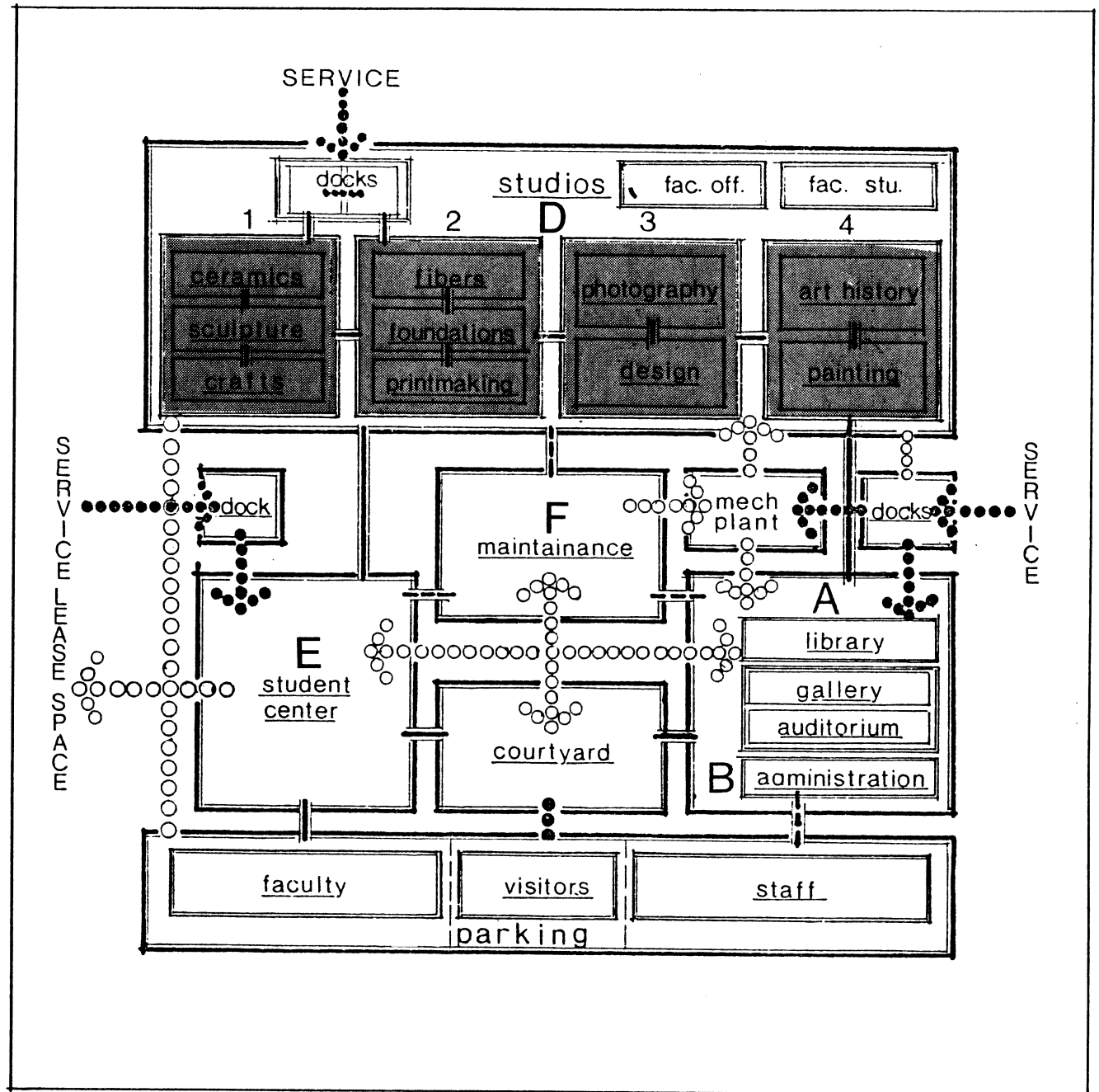
SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE

GROUP 1

Ceramics ----- 15180 s.f.

Sculpture ----- 23000 s.f.

Crafts ----- 7733 s.f.

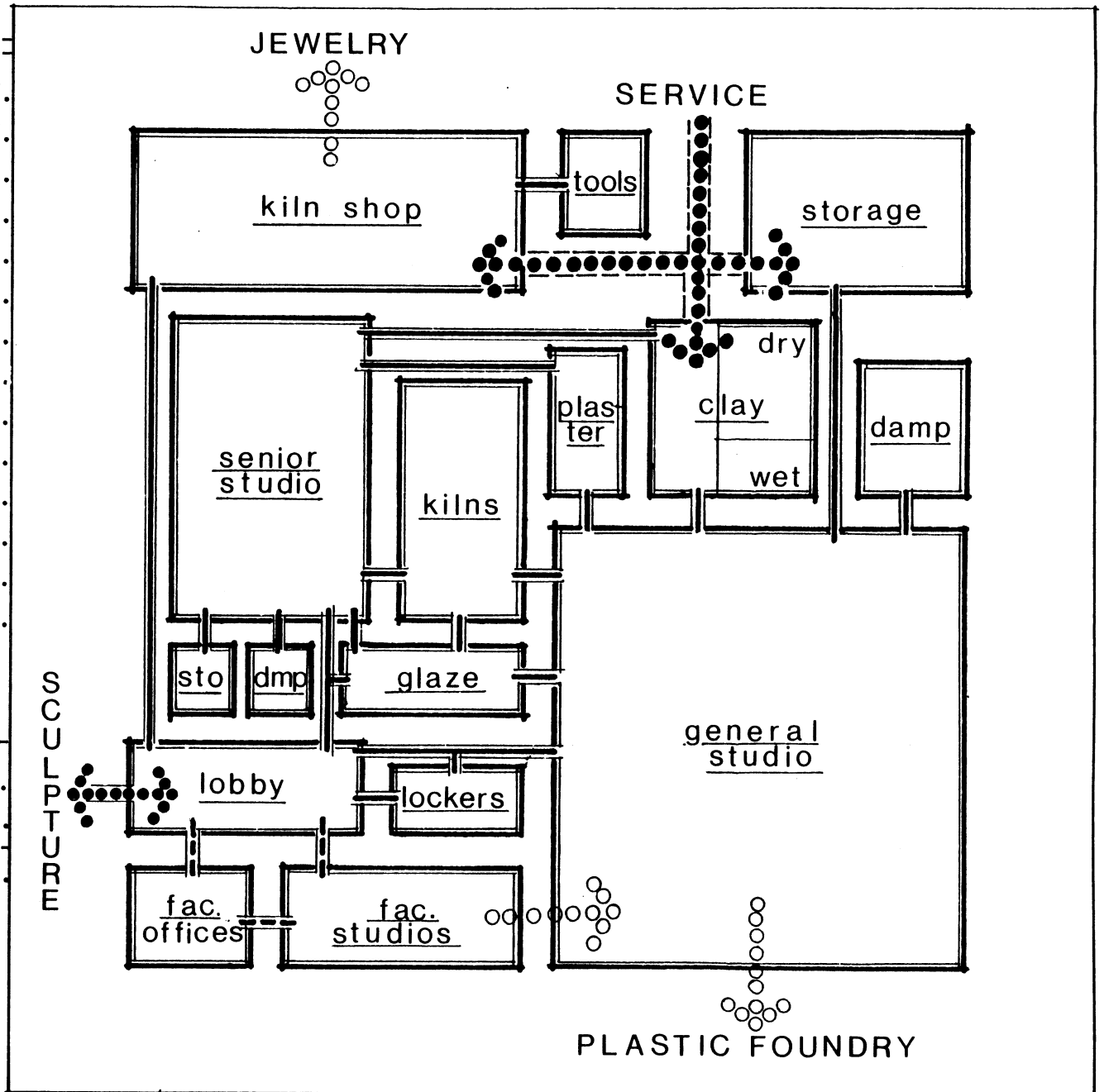
Total Group ----- 49130 s.f.



CERAMICS

CERAMICS

General Studio	5000 s.f.
Damp Room	400 s.f.
Plaster Room	300 s.f.
General Storage	1000 s.f.
Kiln Room	1200 s.f.
Glaze Room	500 s.f.
Clay Room (Wet)	200 s.f.
Clay Room (Dry)	400 s.f.
Senior Studio	1800 s.f.
Senior Damp Room	200 s.f.
Kiln Building Shop	1200 s.f.
Tool Storage	200 s.f.
Lockers	600 s.f.
Senior Storage	200 s.f.
Faculty Studios (4)	---
Faculty Offices (4)	---
<hr/>	
Gross	13200 s.f.
15% Circulation	1980 s.f.
<hr/>	
Total Department	15180 s.f.



Area: 5000 S.F.

general studio

QUANTITY: 2 GROUPS @ 2500 s.f.
USERS

STUDENTS ENROLLED IN CERAMIC CLASSES,
FACULTY

FUNCTION

OPEN STUDIO FOR THE PRODUCTION OF
ANY CERAMICS, INDIVIDUAL WORKING
SPACES AND CRITIQUE.

EQUIPMENT

COUNTER SPACE W/SINKS & STO. CABINETS,
WORK TABLES, ADJ. STOOLS, CLAY DRYING
STACKS, WEDGING TABLES, 55AL DRUMS,
KICKING WHEELS, MOTOR WHEELS, BALL MILL
HAMMER MILLS, RACKS, SINKS, COMPRESSOR

SPECIAL CONSIDERATIONS

NATURAL LIGHT, BOTH SOUTH & NORTH EXP.
VENTILATION FOR DUST, INDIVIDUAL WORKING
AREAS SCREENED, FLEXIBILITY, FLOOR HOSE

SYSTEMS: 15-20' height min.

-Security NO

-H.V.A.C. EXPOSED, SINGLE ZONE, CLO_
SED THERMOSTAT,

-Plumbing SPECIAL MUD TRAPS @ SINKS
H & C, COMPRESSED AIR

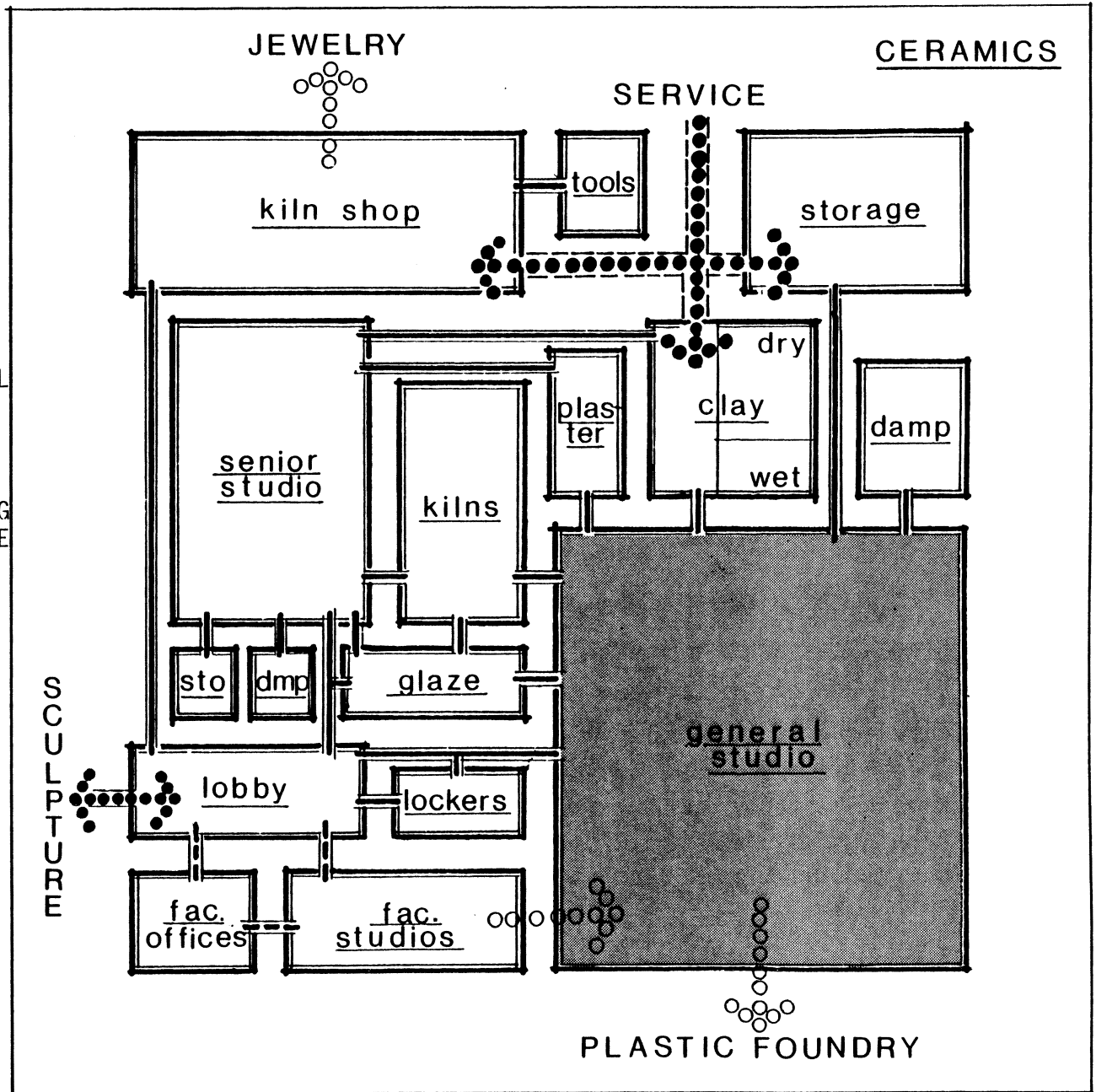
-Lighting FLUORESCENT, NATURAL

FINISHES

-Floor CONCRETE

-Walls BLOCK OR BRICK

-Ceiling OPEN PLENUM



Area: 600 S.F.

damp rooms

QUANTITY: 4 @ 100 s.f.
USERS SENIORS, @ 200 s.f.
STUDENTS & FACULTY

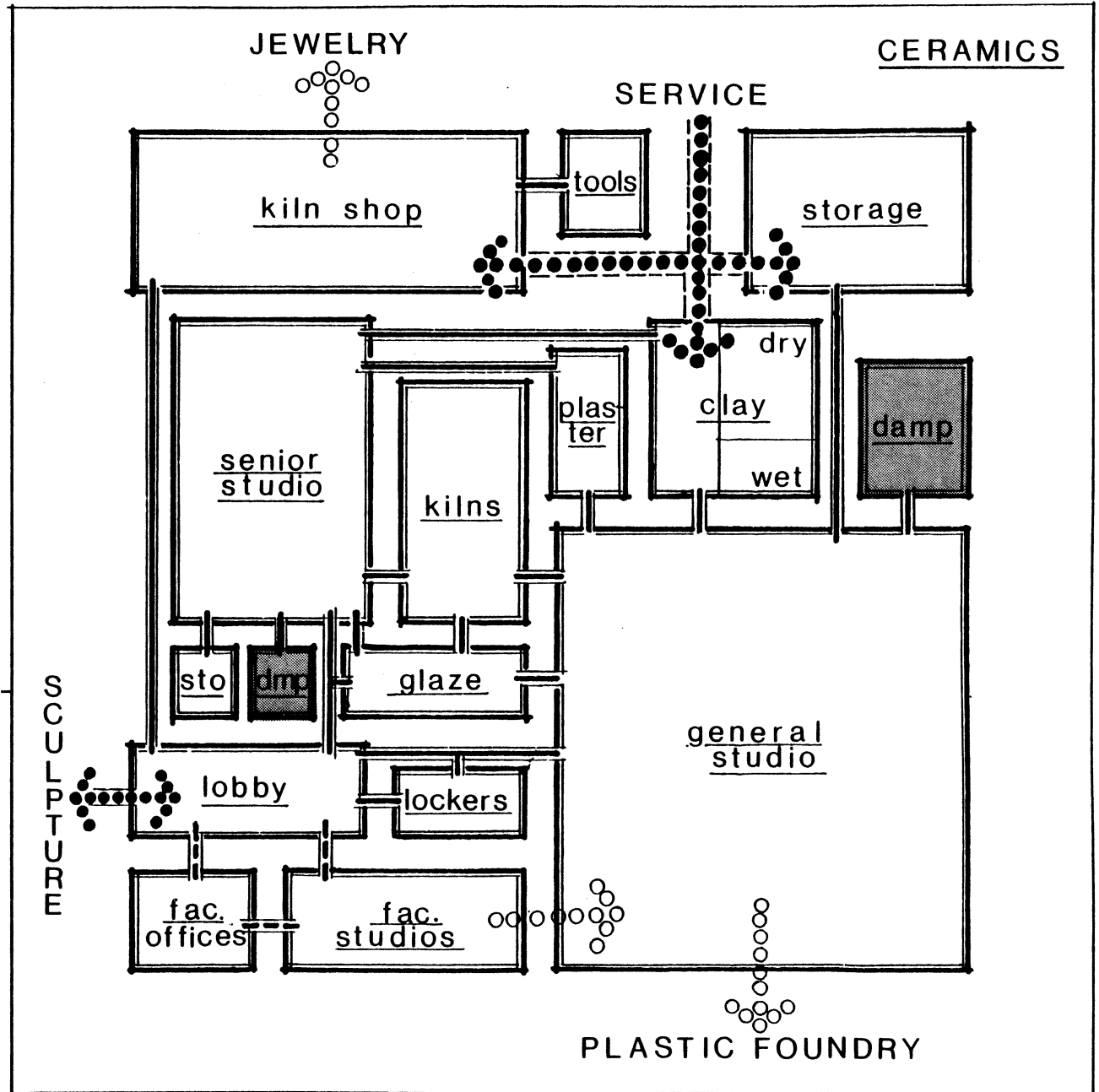
FUNCTION
ROOM TO KEEP CONSTANT HUMIDITY CONTROL
OF CLAYS AND UNFINISHED WORKS

EQUIPMENT
SERVING & STORAGE RACKS
FIRE EXTINGUISHER

SPECIAL CONSIDERATIONS
AIRTIGHT WITH HUMIDITY CONTROL
15'-20' HEIGHT MIN.

SYSTEMS:
-Security NO
-H.V.A.C. EXPOSED, SINGLE ZONE
CLOSED THERMOSTAT, HUMIDITY CONTROL
-Plumbing NO
-Lighting FLUORESCENT

FINISHES
-Floor CONCRETE
-Walls CONCRETE
-Ceiling OPEN PLENUM



Area: 300 S.F.

plaster

QUANTITY: 2 @ 150 s.f.

USERS

STUDENTS & FACULTY

FUNCTION

PLASTER MIXING, MOULDING & STORING

EQUIPMENT

DRUMS, WORK TABLES W/ STORAGE CABINETS
SINKS, CENTRIFUGAL DRUM, MILLS

SPECIAL CONSIDERATIONS

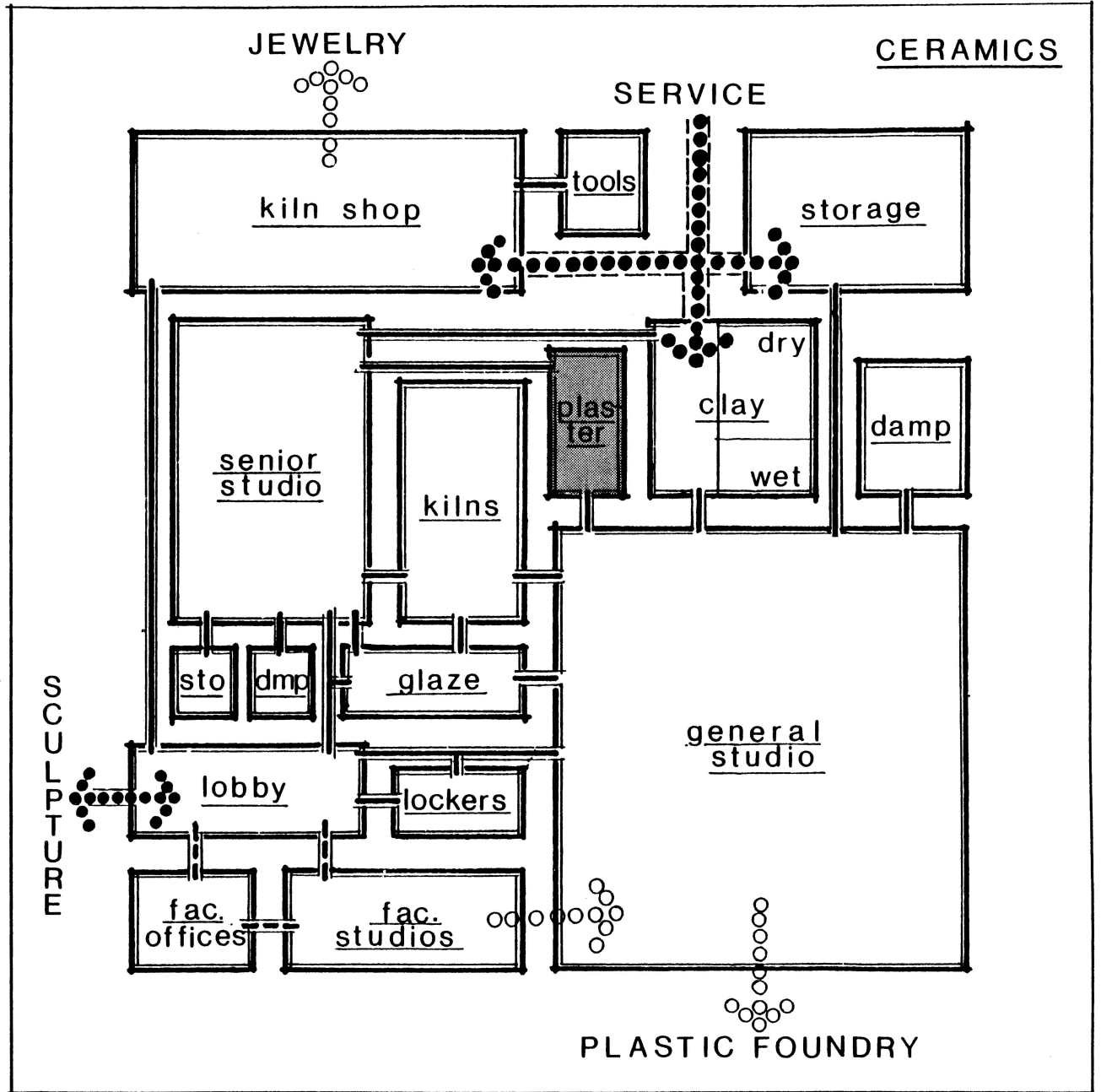
HUMIDITY CONTROL

SYSTEMS:

- Security NO
- H.V.A.C. EXPOSED, SINGLE ZONE, CLOSED THERMOSTAT, HUMIDITY CONTROL
- Plumbing SPECIAL MUD TRAPS @ SINKS
- Lighting H & C FLUORESCENT

FINISHES

- Floor CONCRETE
- Walls CONCRETE
- Ceiling OPEN PLENUM



Area: 1200 S.F.

storage areas

QUANTITY: 1 @ 500 & 2 @ 250 s.f.
USERS SENIOR STO @ 200 s.f.
FACULTY & STUDENTS

FUNCTION

STORAGE OF FINISHED WORKS, EQUIPMENT
& MATERIAL STORAGE

EQUIPMENT

STORAGE SHELVING & RACKS

SPECIAL CONSIDERATIONS

FIRE RATED WALLS, HIGH VENTILATION

SYSTEMS:

-Security LOCKED @ ALL TIMES

-H.V.A.C. SINGLE ZONE, CLOSED THERMO
STAT, EXPOSED, HUMIDITY

-Plumbing CONTROL
FLOOR HOSE

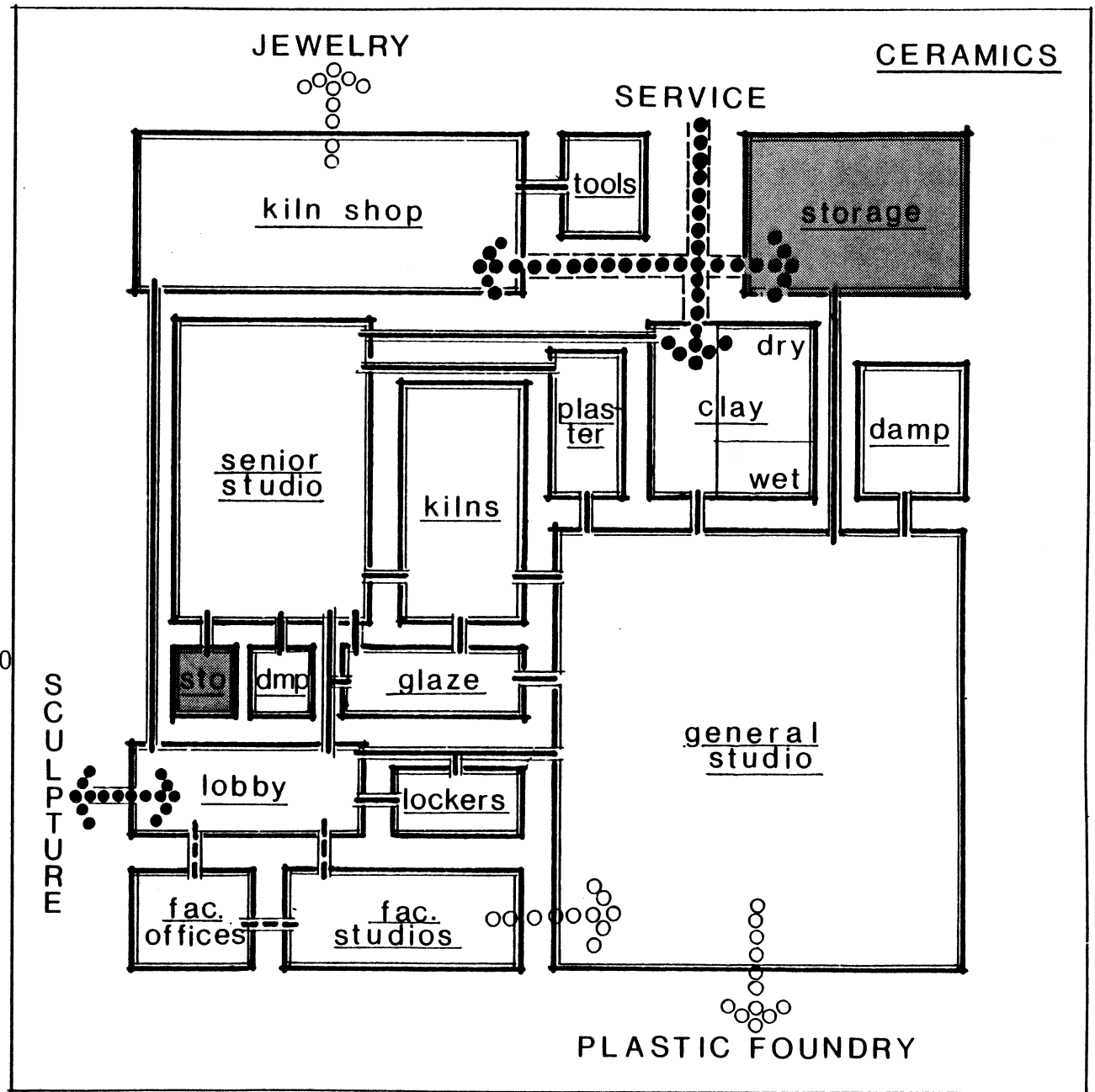
-Lighting FLUORESCENT

FINISHES

-Floor CONCRETE

-Walls CONCRETE

-Ceiling OPEN PLENUM



Area: 1200 S.F.

kilns

QUANTITY: 3 @ 400 s.f.

USERS

STUDENTS & FACULTY

FUNCTION

FIRING OF CLAY OBJECTS

EQUIPMENT

ELECTRIC KILNS, RAKY KLINS, GAS KILNS
RACKS & SHELVING, WORK TABLES
FIRE EXTINGUISHERS.

SPECIAL CONSIDERATIONS

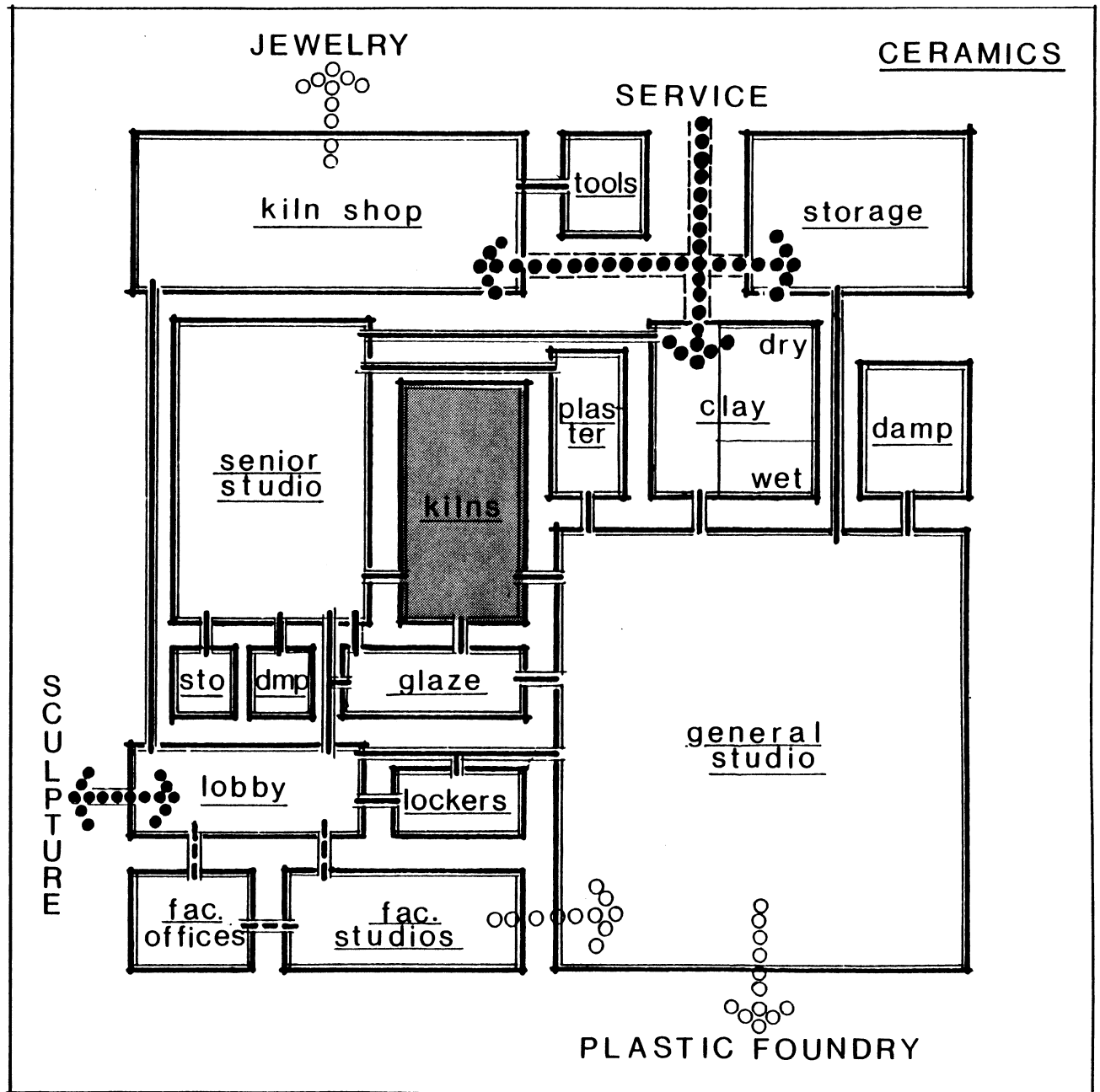
FIRE RATED WALLS, HIGH VENTILATION,
VENT HOODS, CONTROLLED ENTRY, FIRE
EXTINGUISHING, ESCAPE, 15'-20' height

SYSTEMS:

- Security CONTROLLED ENTRY
- H.V.A.C. SINGLE ZONE, TEMPERATURE CONTROL, VENTILATION
- Plumbing LARGE SINK, H & C
- Lighting FLUORESCENT

FINISHES

- Floor CONCRETE
- Walls CONCRETE, WASHABLE TILE
- Ceiling OPEN PLENUM



Area: 500 S.F.

glaze

QUANTITY: 2 @ 250 s.f.

USERS

STUDENTS & FACULTY
ENROLLEMENT REQUIRED

FUNCTION

GLAZING PROCESS FOR CERAMIC WORK

EQUIPMENT

WORK TABLES, STOOLS, STORAGE BINS,
SINKS, SCALES, STORAGE BUCKETS, SPRAY
BOOTH, EXHAUST HOODS, FIRE EXTINGUISHER
FIRST AID CABINET,

SPECIAL CONSIDERATIONS

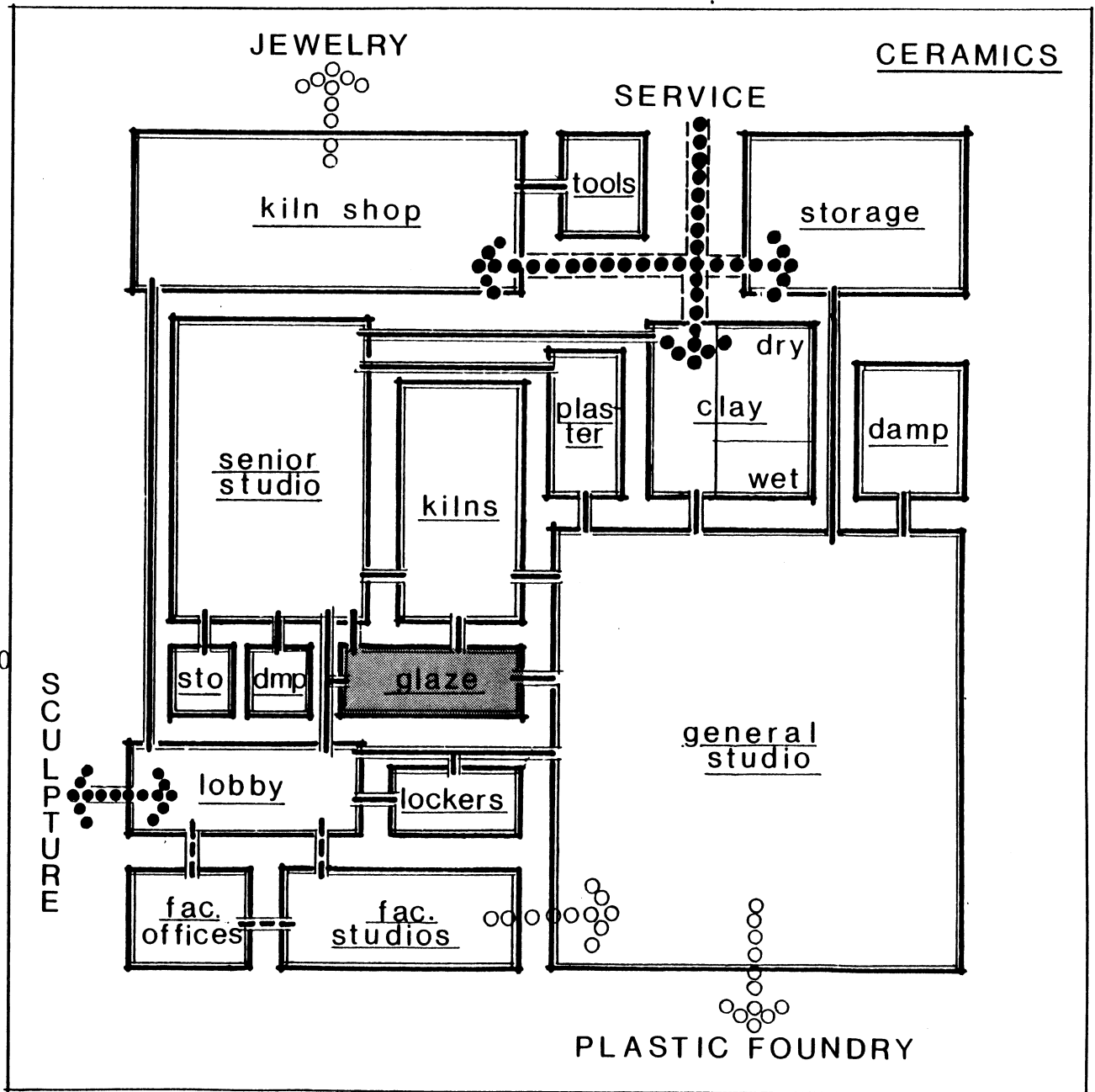
HAVE DIRECT ACCESS TO KILNS & STUDIOS,
HIGH VENTILATION, 15' height

SYSTEMS:

- Security CONTROLLED ACCESS BY STUDENTS & FACULTY
- H.V.A.C. SINGLE ZONE, CLOSED THERMO STAT, EXPOSED, VENTILATION
- Plumbing SPECIAL TRAPS FOR METALIC GLAZES, H & C, COMP. AIR.
- Lighting FLUORESCENT, NATURAL

FINISHES

- Floor RESILIENT TILE
- Walls PAINTED GYP. BOARD OR CONCRETE
- Ceiling OPEN PLENUM



Area: 600 S.F.

clay

QUANTITY : 2 SEPARATE, 200 & 600s.f.

USERS WET DRY
STUDENTS ENROLLED IN CERAMIC CLASSES
FACULTY

FUNCTION

CLAY MIXING, AND STORING WHILE WET
DRY CLAY BAG STORAGE

EQUIPMENT

COUNTER SPACE, WORK TABLES, 55 GAL.
DRUMS, VAPORIZERS,
temperature control

SPECIAL CONSIDERATIONS

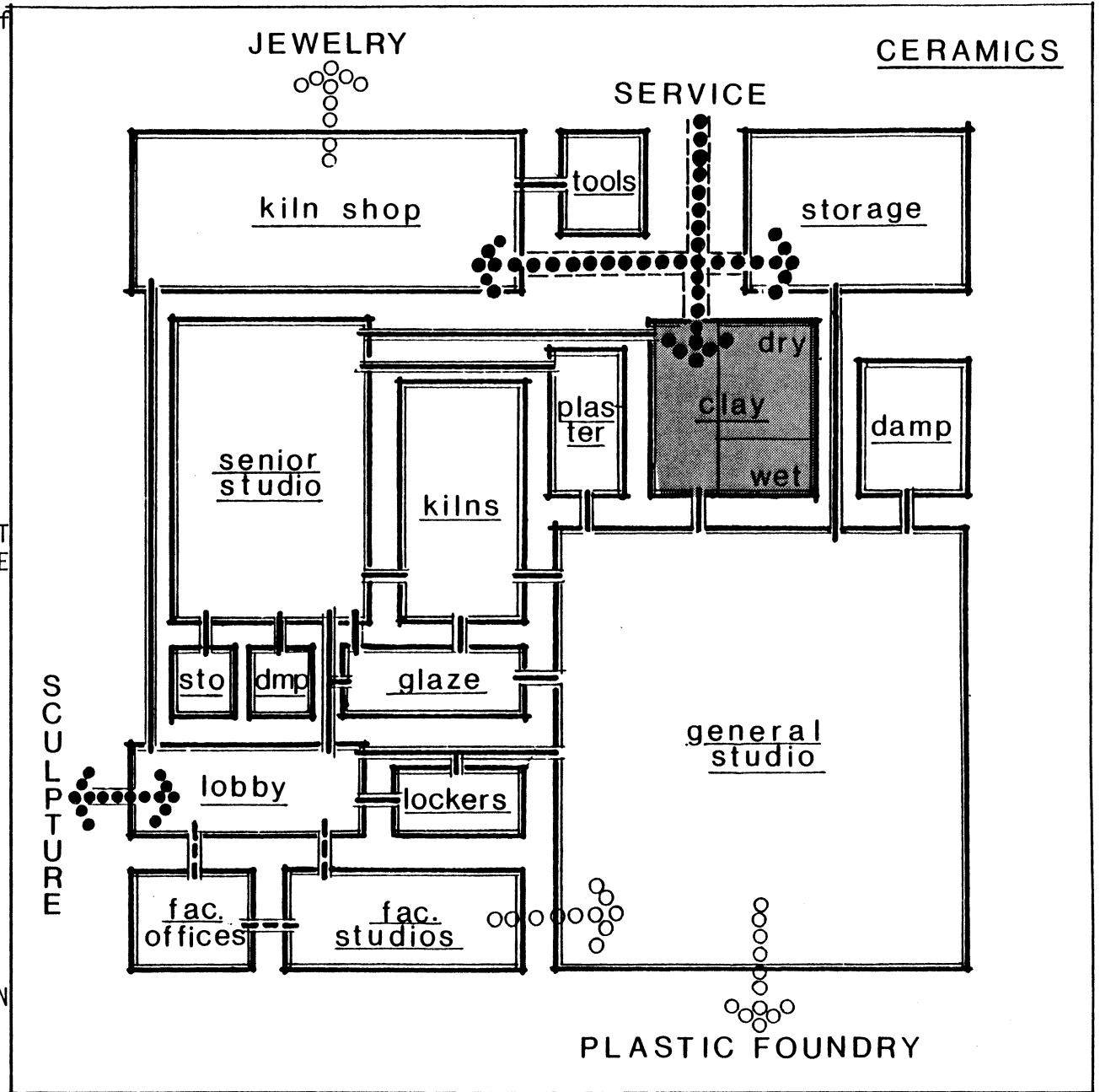
HUMIDITY CONTROL, VENTILATION
FOR CONTROL OF DUST
BOTH ROOMS MUST BE SEPARATED FROM MOISTURE

SYSTEMS:

- Security NO
- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT, HUMIDITY CONTROL
- Plumbing SPECIAL TRAPS FOR CLAY LADEN SINKS. FLOOR WASH.
- Lighting FLUORESCENT

FINISHES

- Floor CONCRETE
- Walls DRYWALL, OR BLOCK W/PAIN T PREVENTION OF CONDENSATION
- Ceiling OPEN PLENUM



Area: 1800 S.F.

senior studio

QUANTITY: 1

USERS

SENIOR STUDENTS MAJORING IN CRAFTS
FACULTY

FUNCTION

PRIVATE STUDIO, OPEN FOR THE PRODUCTION
OF ANY CERAMICS, INDIVIDUAL WORKING
SPACES AND CRITIQUE

EQUIPMENT

COUNTER SPACE W/SINKS & STO. ABOVE &
BELOW, CABINETS, WORK TABLES, ADJ.
STOOLS, CLAY DRYING RACKS & STACKS
WEDGING TABLES, KICKING WHEELS. MOTOR
WHEELS, SINKS

SPECIAL CONSIDERATIONS

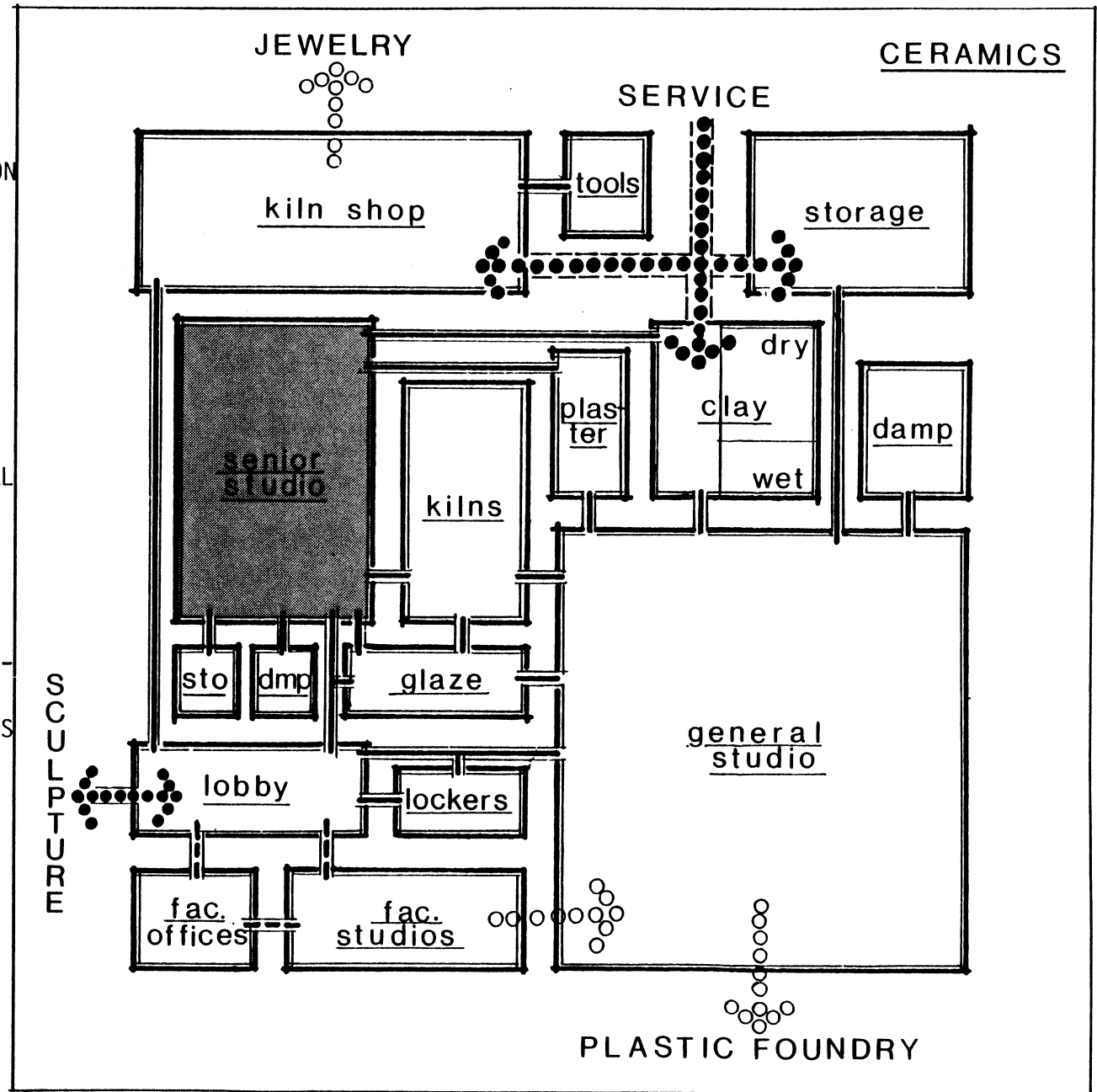
NATURAL LIGHT, DUST CONTROL, INDIVIDUAL
WORKING AREAS SCREENED, FLEXIBILITY,
FLOOR WASH,

SYSTEMS:

- Security INDIVIDUAL STUDENT
- H.V.A.C. SINGLE ZONE, CLOSED THERMO-
STAT,
- Plumbing SPECIAL MUD TRAPS @ SINKS
H & C
- Lighting FLUORESCENT

FINISHES

- Floor CONCRETE
- Walls BRICK OR BLOCK
- Ceiling OPEN PLENUM



Area: 1400 S.F.

kiln shop

QUANTITY: SHOP, 1200, STO. 200s.f.

USERS

STUDENTS IN FOUNDATIONS, OR ENROLLED IN THE CERAMICS CURRICULUM

FUNCTION

SHOP WHERE KILN BUILDING TECHNIQUES ARE EXPERIENCED, TOOL STORAGE WORKSHOP CHARACTER

EQUIPMENT

RAMMED HEARTH MACHINE, DRAFTING TABLE BLACKBOARD, CARVING TOOLS, PLASTERING TOOLS, SINKS, WORKING TABLES, CHAIRS FOR 30

SPECIAL CONSIDERATIONS

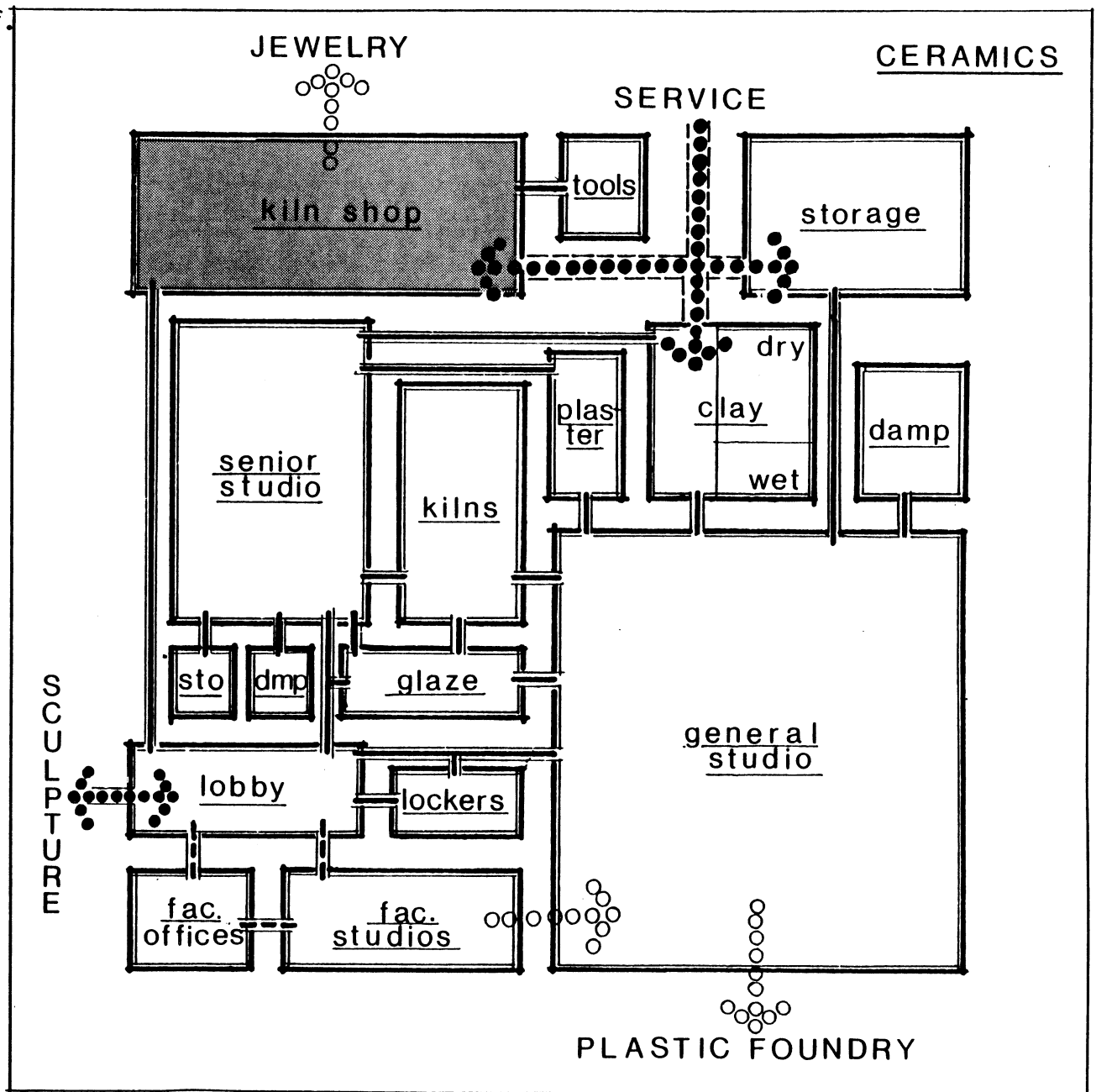
15' - 20' HEIGHT, NATURAL LIGHT

SYSTEMS:

- Security NO
- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT, VENTILATION
- Plumbing SINK H & C
- Lighting FLUORESCENT

FINISHES

- Floor RESILIENT TILE, CONCRETE
- Walls DRYALL, PAINT, BLOCK
- Ceiling OPEN PLENUM



Area: 600 S.F.

lockers

QUANTITY : 2 AREAS OF 300 s.f.
USERS

STUDENTS, IN CERAMICS(GENERAL)

FUNCTION

PERSONAL EQUIPMENT STORAGE AREA

EQUIPMENT

SOME ROW BENCHES, WOOD OR METAL LOCKERS
2x2x2 min. 8s.f./PERSON

SPECIAL CONSIDERATIONS

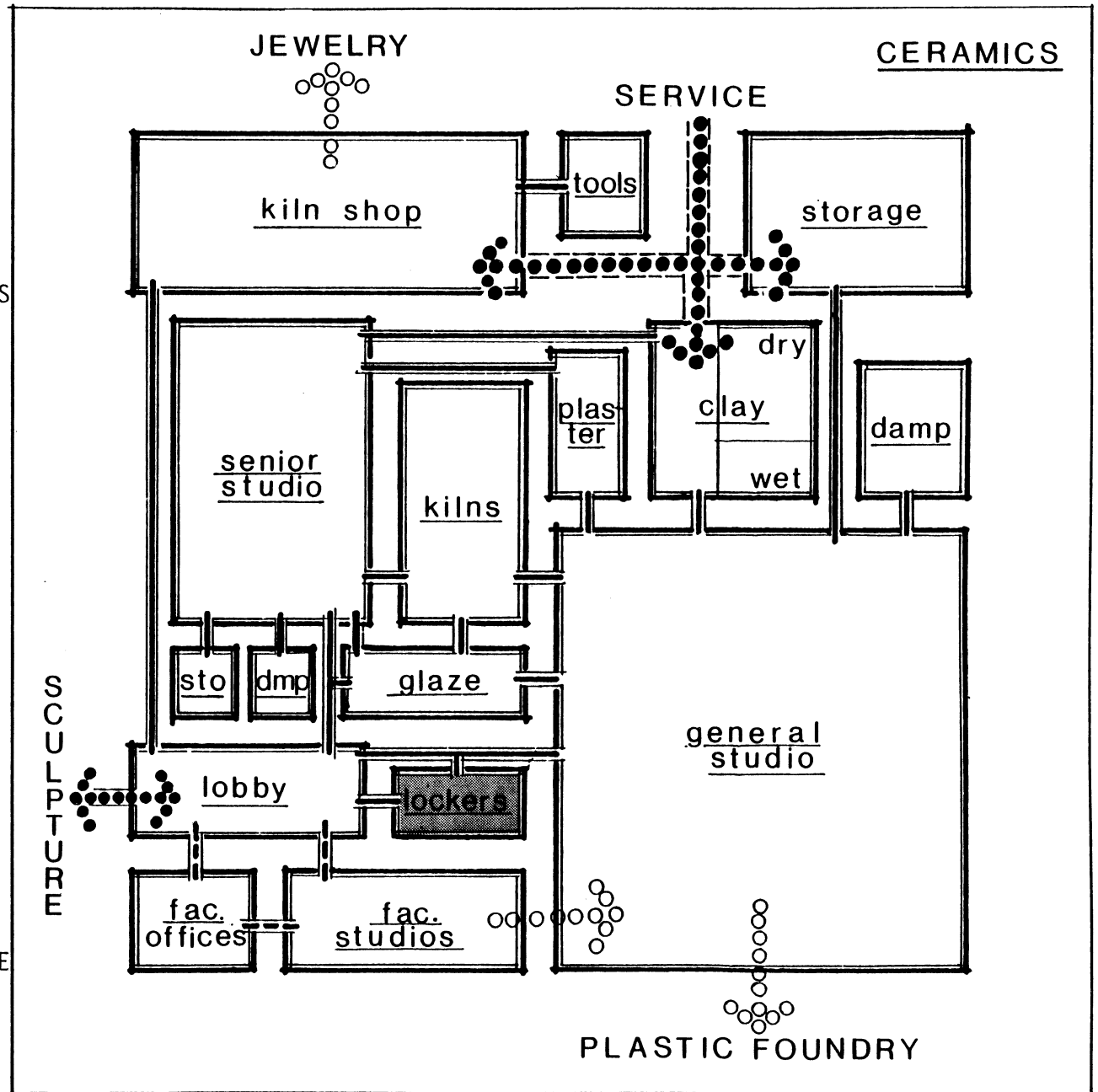
SHOULD BE OPEN TO HALL OR LOBBY,
MAX 3 WALLS

SYSTEMS:

- Security INDIVIDUAL OVERSIGHT
FACULTY OR NIGHT GUARDS
- H.V.A.C. SINGLE ZONE, CLOSED
THERMOSTAT
- Plumbing NO, MAYBE WATERFOUNTAIN
- Lighting FLUORESCENT

FINISHES

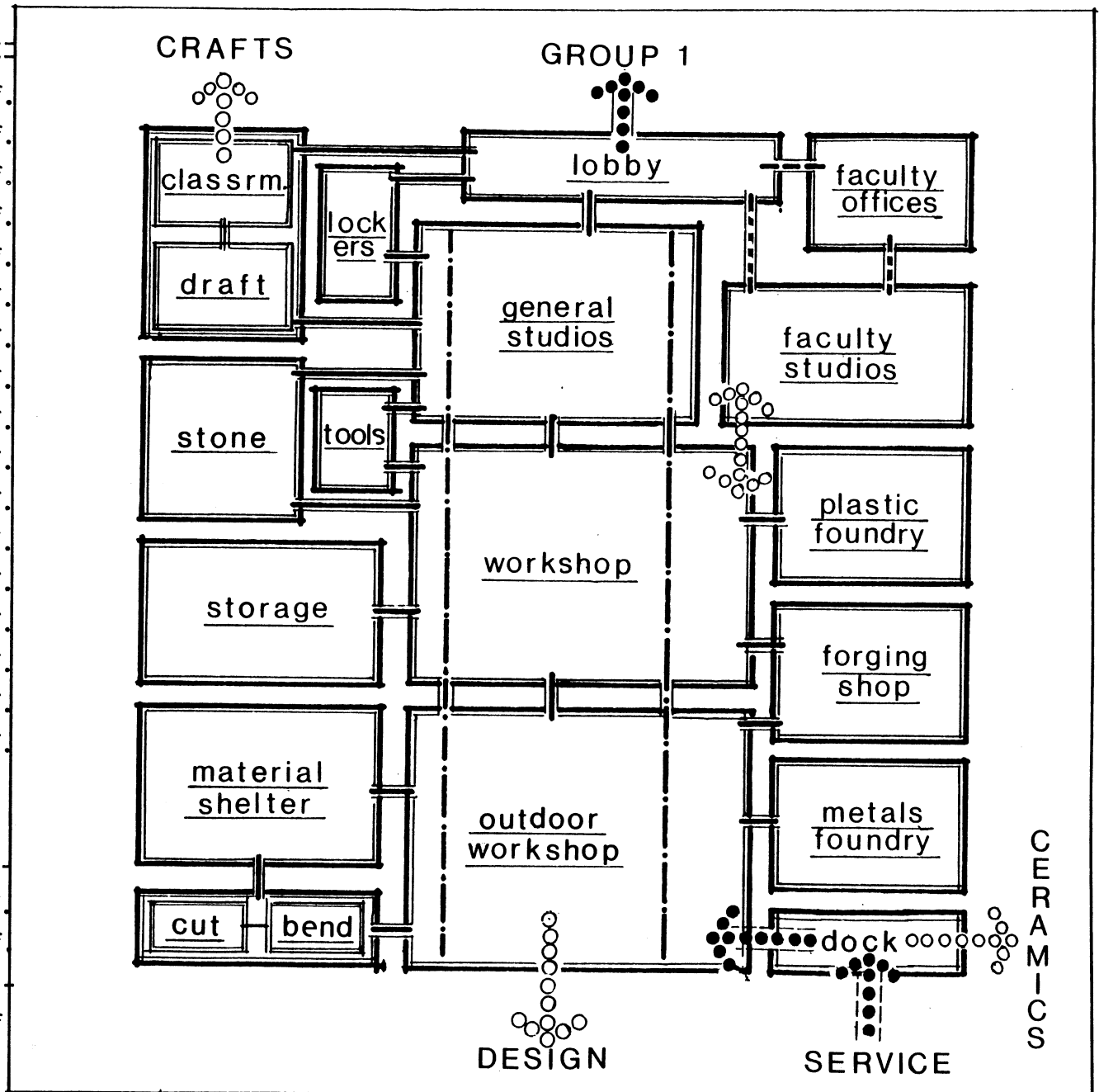
- Floor RESILIENT TILE
- Walls GYP. BOARD, PAINT, CONCRETE
- Ceiling ACOUSTICAL TILE



SCULPTURE

SCULPTURE

General Studios 2 @ 1200	2400 s.f.
Workshop	3000 s.f.
Tool Storage	600 s.f.
Metal Foundry	900 s.f.
Plastic Foundry	800 s.f.
Stone Shop	1000 s.f.
Electrical Room	400 s.f.
Lockers	500 s.f.
Blacksmith Shop	1000 s.f.
Drafting Room	650 s.f.
Classroom	600 s.f.
Collection Storage	1000 s.f.
Exterior Workshop	4000 s.f.
Material Shed	2000 s.f.
Steel Bending	225 s.f.
Steel Cutting	225 s.f.
Service Dock	700 s.f.
Faculty Studios (4)	---
Faculty Offices (4)	---
Gross	20000 s.f.
15% Circulation	3000 s.f.
Total Department	23000 s.f.



Area: 900 S.F.

lockers

QUANTITY: 2 SEPARATE AREAS
USERS ELECT.RM. 400 s.f.
STUDENTS & FACULTY IN SCULPTURE

FUNCTION

FUSE CONTROL FOR HEAVY MACHINERY
PERSONAL EQUIPMENT STORAGE

EQUIPMENT

FIRE EXTINGUISHERS
SOME ROW BENCHES, ROLLING LADDER
2x2x2 MODULE METAL OR WOOD LOCKERS

SPECIAL CONSIDERATIONS

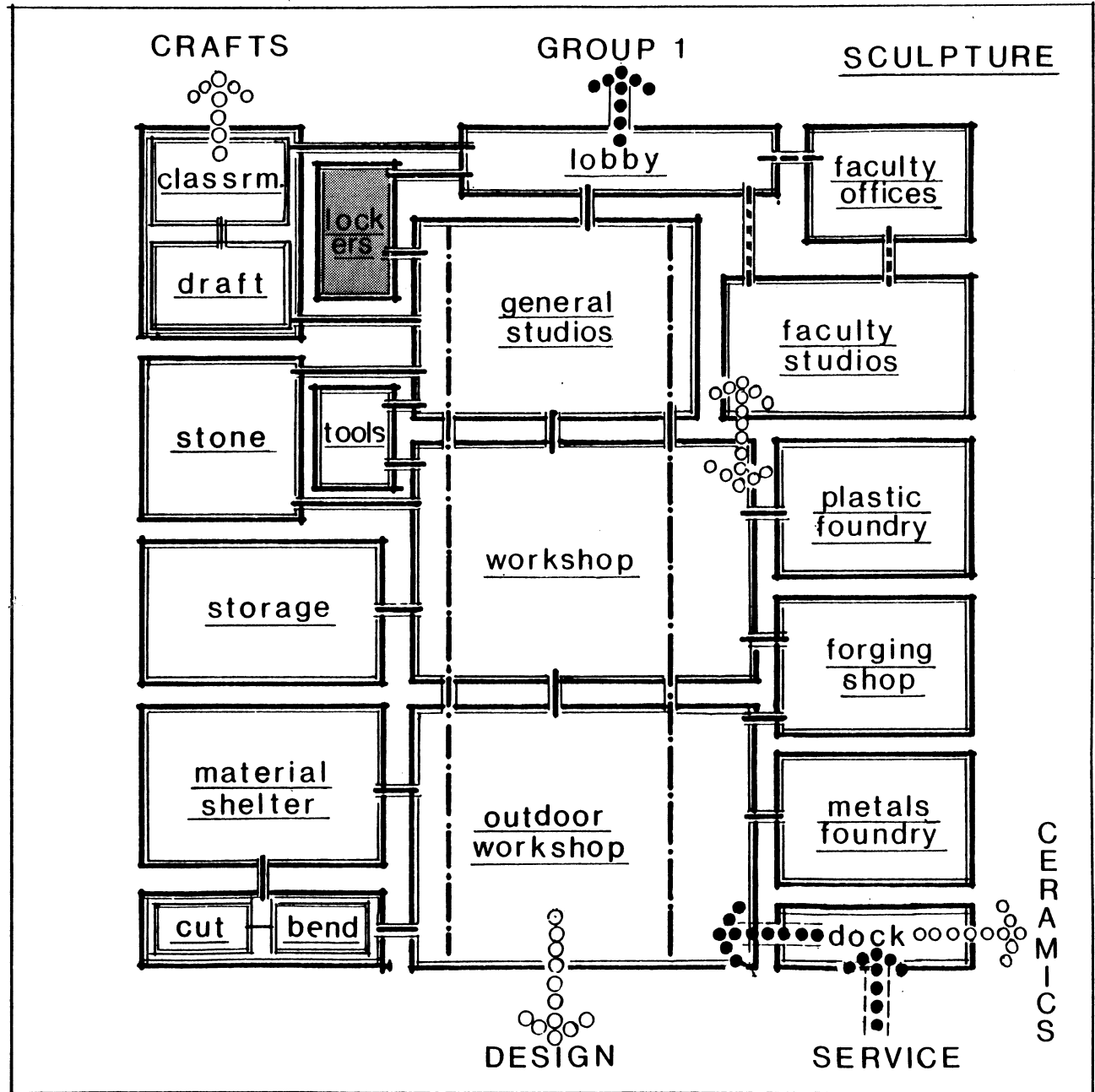
ELECTRICAL ROOM SHOULD BE OPEN AND CONTROLLED BY STUDENTS, LOCKERS SHOULD BE OPEN TO HALL OR LOBBY, MAX. 3 WALLS

SYSTEMS:

- Security HIGH VOLTAGE, CONTROLLED ENTRY, NOT FOR LOCKERS
- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT
- Plumbing NO
- Lighting FLUORESCENT

FINISHES

- Floor RESILIENT TILE
- Walls DRYWALL, PAINT
- Ceiling ACOUSTICAL TILE



Area: 4000 S.F.

exterior workshop

QUANTITY: 1

USERS

SCULPTURE STUDENTS & FACULTY

FUNCTION

EXTERIOR AREA FOR PRODUCING LARGE
PIECES OF SCULPTURE,

EQUIPMENT

FORK LIFT, PALLET LOADER, OVERHEAD
HOISTS, PULLEY TRACKS,

SPECIAL CONSIDERATIONS

EXTERIOR SHELTERED AREA, WIND PROTEC-
TIVE WALLS, SCREENED AREA FORM STREET
FOR PRIVACY

SYSTEMS:

-Security FENCED AREA

-H.V.A.C. NONE

-Plumbing COLD WATER LINES

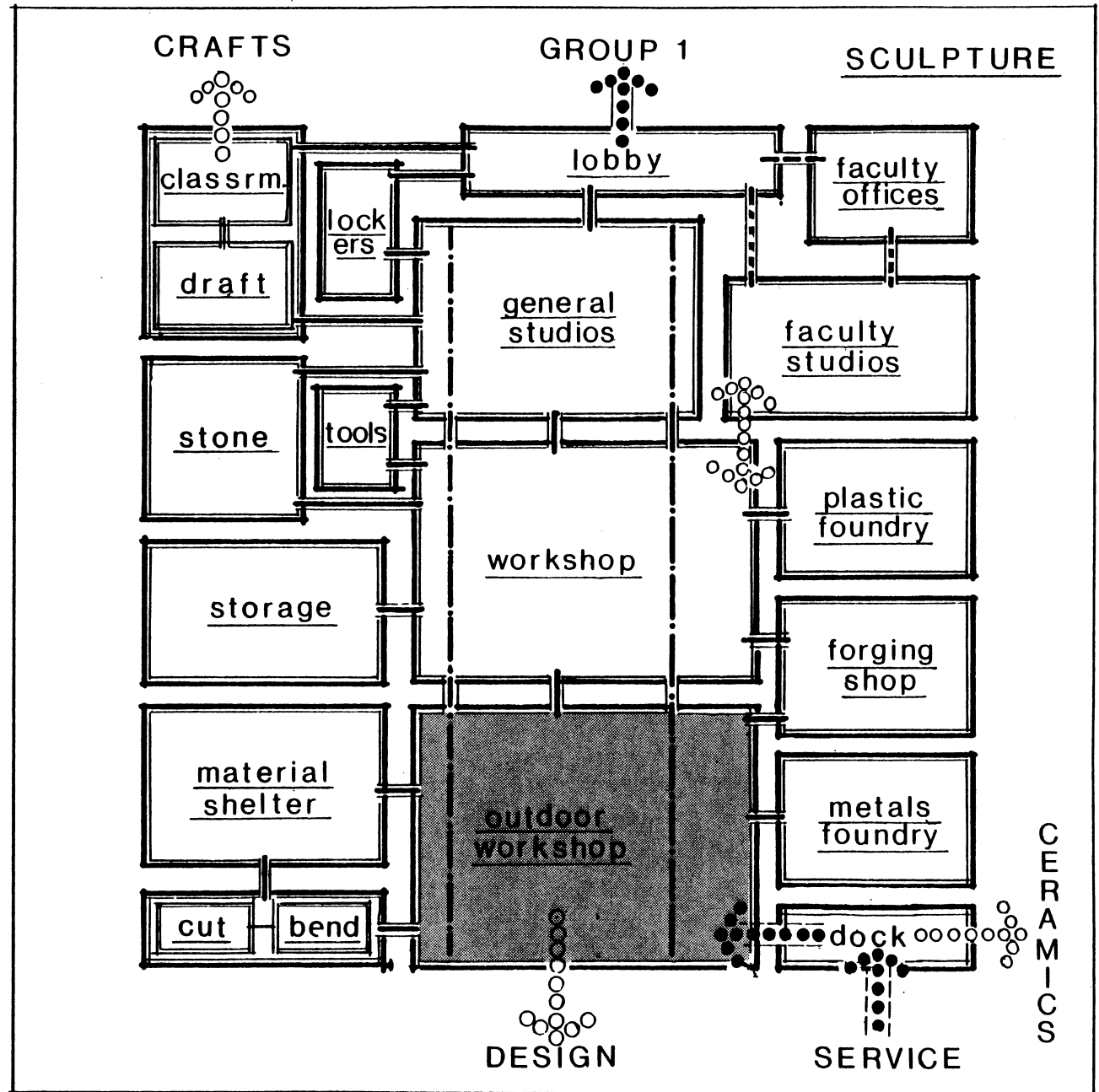
-Lighting HIGH PRESSURE SODIUM

FINISHES

-Floor CONCRETE PAD, EARTH

-Walls CONCRETE

-Ceiling METAL SHELTER



ST. LOUIS ART SPECTRUM INSTITUTE

Area: 1000 S.F.

blacksmith shop

QUANTITY: 1

USERS

SCULPTURE STUDENTS & FACULTY

FUNCTION

AREA WHERE METAL FORGING OCCURS TO PRODUCE ANY SCULPTURAL EFFECT DESIRED

EQUIPMENT

ANVILS, WOOD FURNANCES, CERAMIC KILN

SPECIAL CONSIDERATIONS

EXTERIOR SHELTERED AREA CONNECTED TO WORKSHOP

SYSTEMS:

-Security NO

-H.V.A.C. NONE

-Plumbing WATER LINE

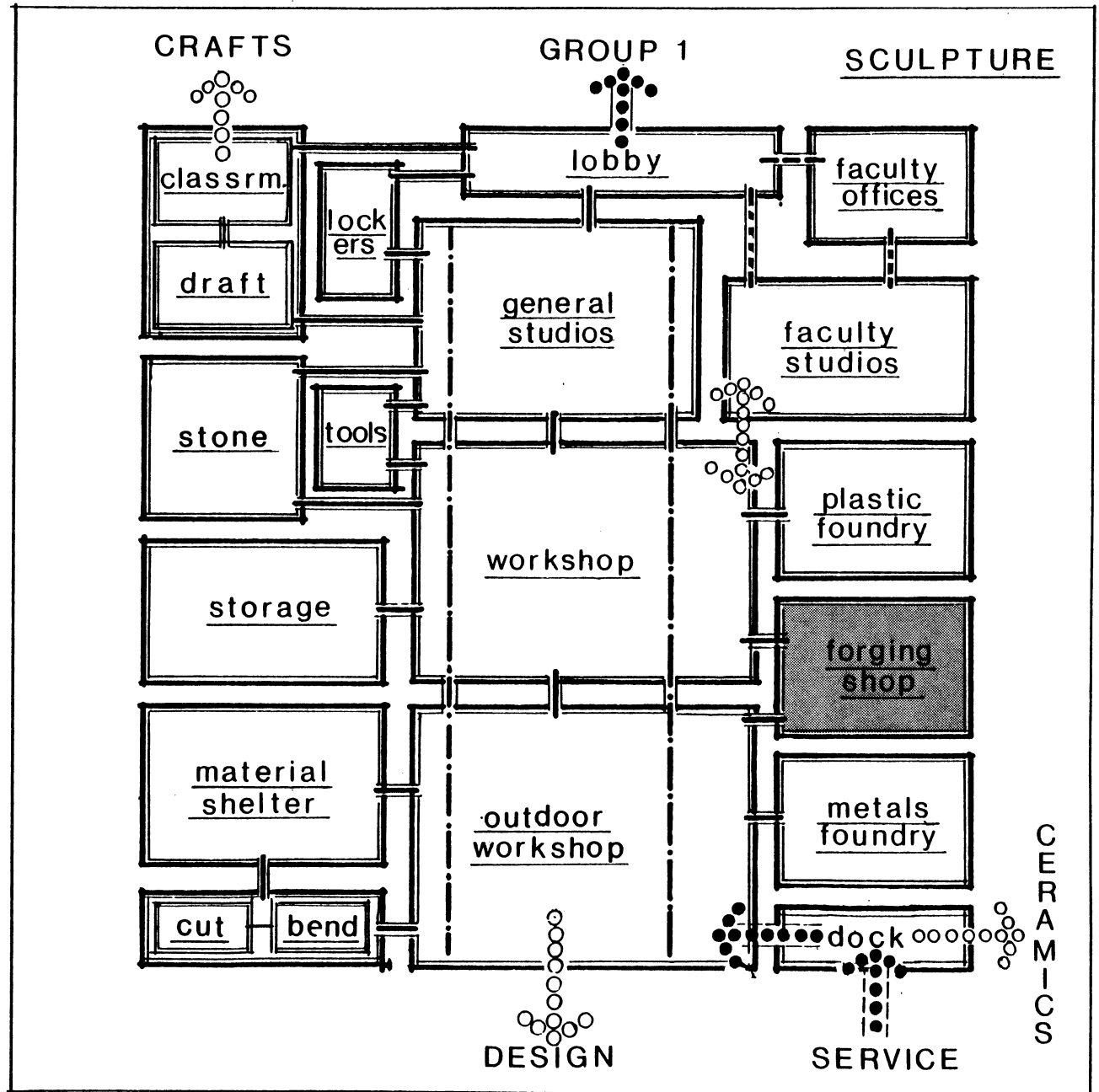
-Lighting HIGH PRESSURE SODIUM
NATURAL

FINISHES

-Floor CONCRETE PAD, EARTH

-Walls 1, 10' min., 2 5' min.
CONCRETE

-Ceiling METAL SHELTER



Area: 2400 S.F.

general studios

QUANTITY: 2 @ 1200 s.f.

USERS

SCULPTURE STUDENTS & FACULTY

FUNCTION

STUDIO SPACE FOR THE INSTRUCTION OF SCULPTURAL TECHNIQUES, INDIVIDUAL WORKING AREAS, CRITIQUE, SINGLE & GROUP

EQUIPMENT

WORK TABLES, STOOLS, BLACKBOARD
FLEXIBLE PARTITIONS, TACK SPACE, VICES
TOOL RACKS

SPECIAL CONSIDERATIONS

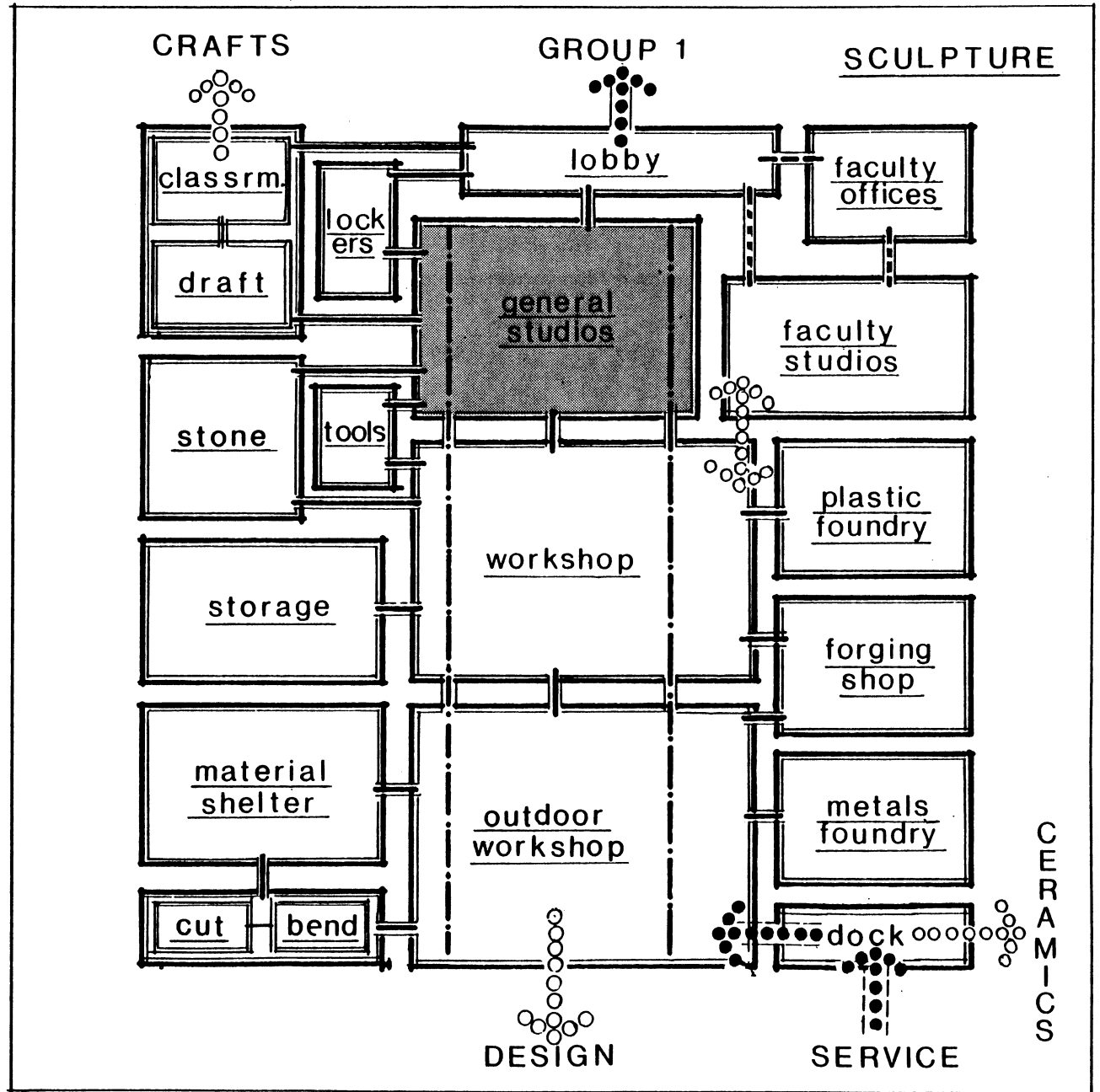
15'-20' Min. HEIGHT, HIGH VENTILATION,
PULLEY TRACKS CONNECTED TO WORKSHOP
AND OUTDOOR WORKSHOP, NATURAL LIGHT

SYSTEMS:

- Security STUDENT CONTROL
- H.V.A.C. SINGLE ZONE, EXPOSED, CLOSED THERMOSTAT
- Plumbing VARIOUS SINKS, H & C LARGE COOLING AREAS
- Lighting FLUORESCENT

FINISHES

- Floor DOUBLE STRENGTH SLAB CONCRETE
- Walls CONCRETE, PAINT
- Ceiling OPEN PLENUM



Area: 3000 S.F.

workshop

QUANTITY: 1
USERS

STUDENTS IN SCULPTURE, FACULTY
SHARED SOMETIMES BY OTHER STUDENTS

FUNCTION

WORSHOP SPACE FOR THE PRODUCTION OF
SCULPTURE

EQUIPMENT

A.C. ELECT. WELDER, BENCH GRINDERS, BUFFERS, FORGE, METAL SINKS, PLASTER MIXER, TBL. SAW, BAND SAW, DRILL PRESSES, TOOL CRIBS, HAND TOOLS, FIRE EXTINGUISHERS, ARC WELDERS, 55gal DRUMS, WORK TABLES VICES, ETC.

SPECIAL CONSIDERATIONS

20' height, VENTILATION, NATURAL LIGHT
FLOOR HOSE, PULLEY TRACK ON I BEAMS
TO RUN THROUGH. ! WALL OPEN TO OUTDOOR

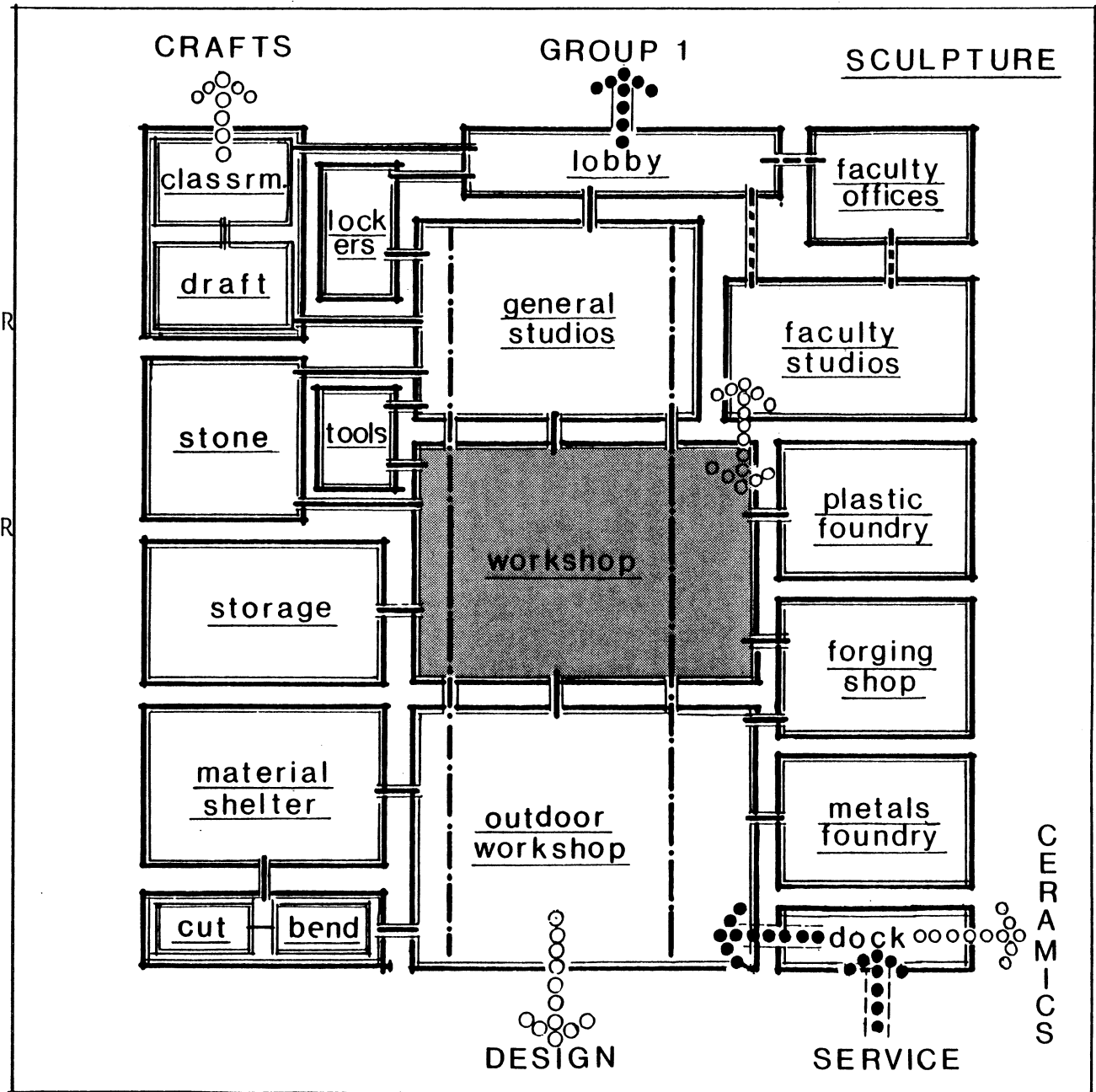
SYSTEMS:

W/GARAGE DOORS

- Security STUDENT CONTROL
- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT, GAS PANEL HEATERS
- Plumbing LARGE SINKS, H & C, GAS COMPRESSED AIR
- Lighting FLUORESCENT, NATURAL

FINISHES

- Floor DOUBLE STRENGHT SLAB, CONCRETE
- Walls CONCRETE, PAINT
- Ceiling OPEN PLENUM



Area: 600 S.F.

tool storage

QUANTITY: 1

USERS

STUDENTS & FACULTY IN SCULPTURE

FUNCTION

TOOL STORAGE & INVENTORY, CHECKOUT OF HAND TOOLS

EQUIPMENT

SHELVING & RACKS FOR STORAGE, TABLES CHAIR, DESK, TYPEWRITER

SPECIAL CONSIDERATIONS

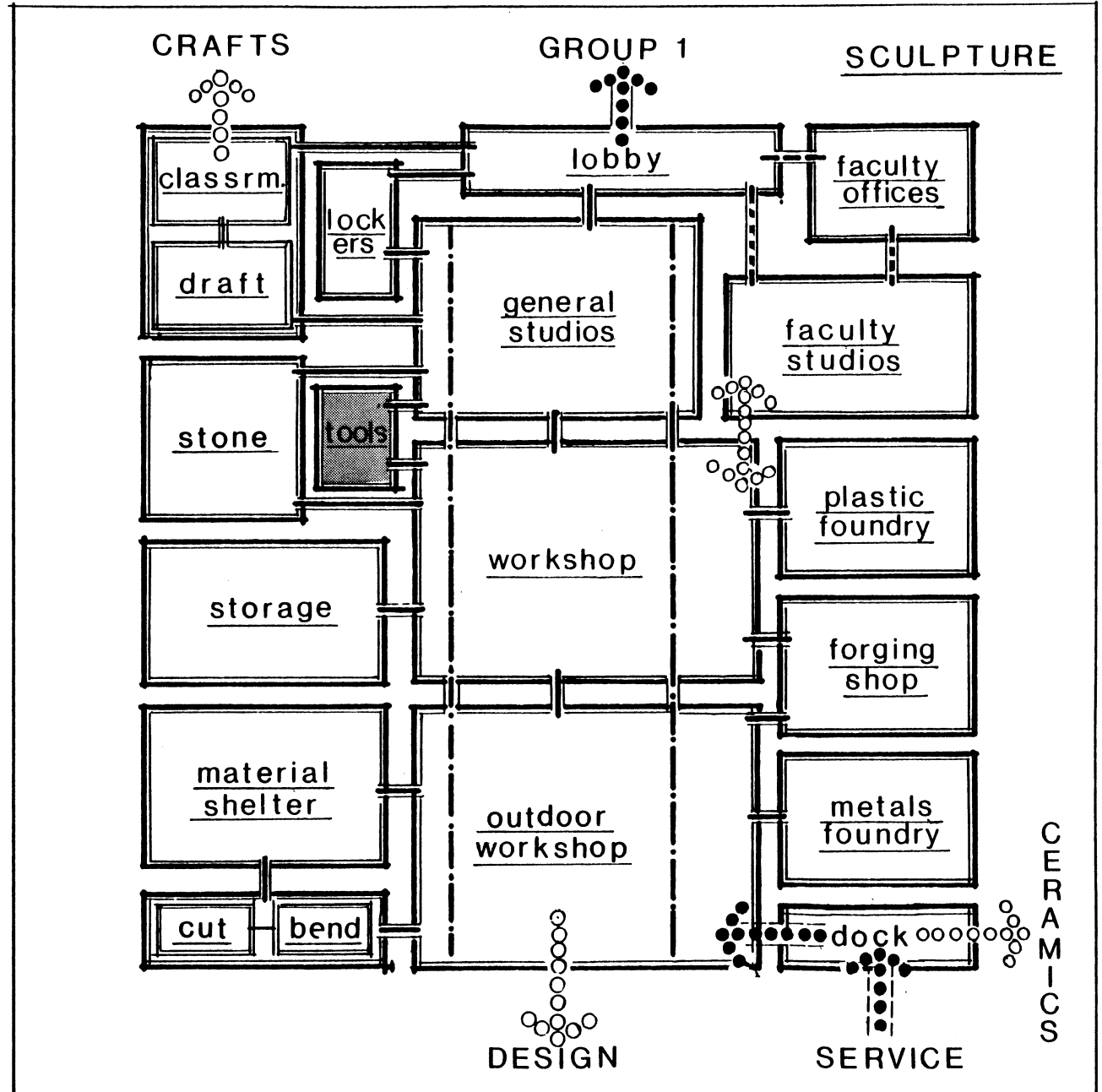
BETWEEN WORKSHOP & STUDIOS

SYSTEMS:

- Security STUDENT IN CHARGE
- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT
- Plumbing NO
- Lighting FLUORESCENT

FINISHES

- Floor RESILIENT TILE
- Walls GYP. BOARD, PAINT
- Ceiling ACOUSTICAL TILE



ST. LOUIS ART SPECTRUM INSTITUTE

Area: 900 S.F.

metals foundry

QUANTITY: 1

USERS

SCULPTURE STUDENTS & FACULTY

FUNCTION

AREA TO PROCESS THE MELTING, CASTING & COOLING METAL SCULPTURE PIECES

EQUIPMENT

CERAMIC KILNS, CRUCIBLES, PIVOTAL BEAM W/ I-BEAM TRAVELER HOIST, LIFTOUT FURNANCE, MULTINUMBER CRUCIBLES, ADJ. FLASKS, TILT FURNANCES, BURNOUT TABLE LARGE DRUMS FOR COOLING WATER, SAND PIT

SPECIAL CONSIDERATIONS

OUTDOOR AREA, SHELTERED, 15' HEIGHT WALLS AROUND 4' HIGH

SYSTEMS:

-Security NO

-H.V.A.C. NONE

-Plumbing COLD WATER LINE

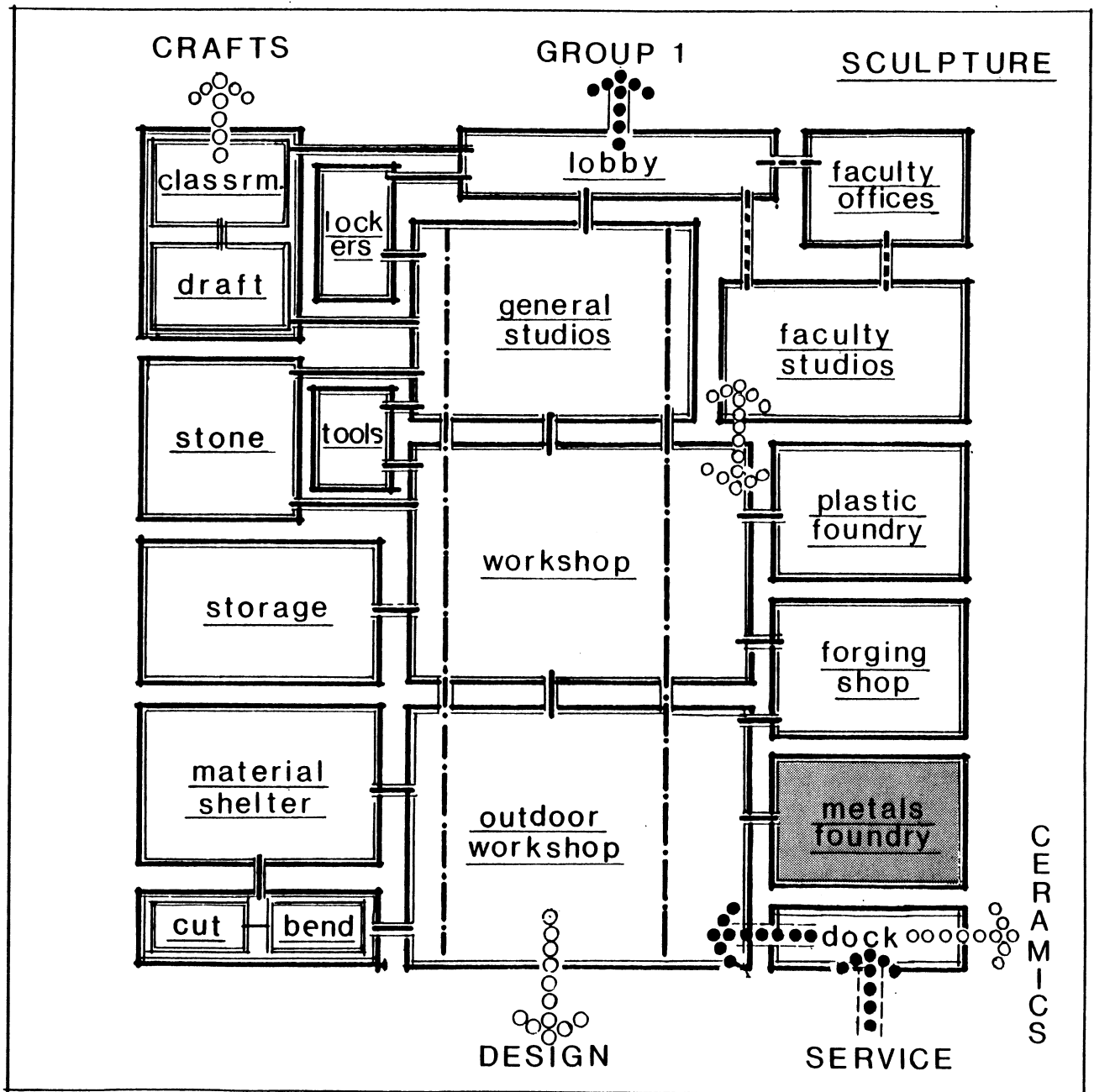
-Lighting HIGH PRESSURE SODIUM, EXTERIOR TREATMENT

FINISHES

-Floor CONCRETE, EARTH

-Walls CONCRETE

-Ceiling METAL SHELTER



Area: 1000 S.F.

stone shop

QUANTITY: 1
USERS

SCULPTURE STUDENTS, FACULTY

FUNCTION

STUDIO FOR THE PRODUCTION OF STONE CARVING SCULPTURE.

EQUIPMENT

WORK TABLES, STOOLS, VICES, HAND TOOLS
DOLLY, SCRAP DRUMS, LARGE METAL SINK

SPECIAL CONSIDERATIONS

15'-20' HEIGHT, HIGH STC WALL FOR BUFFERING OF CHISEL NOISE.

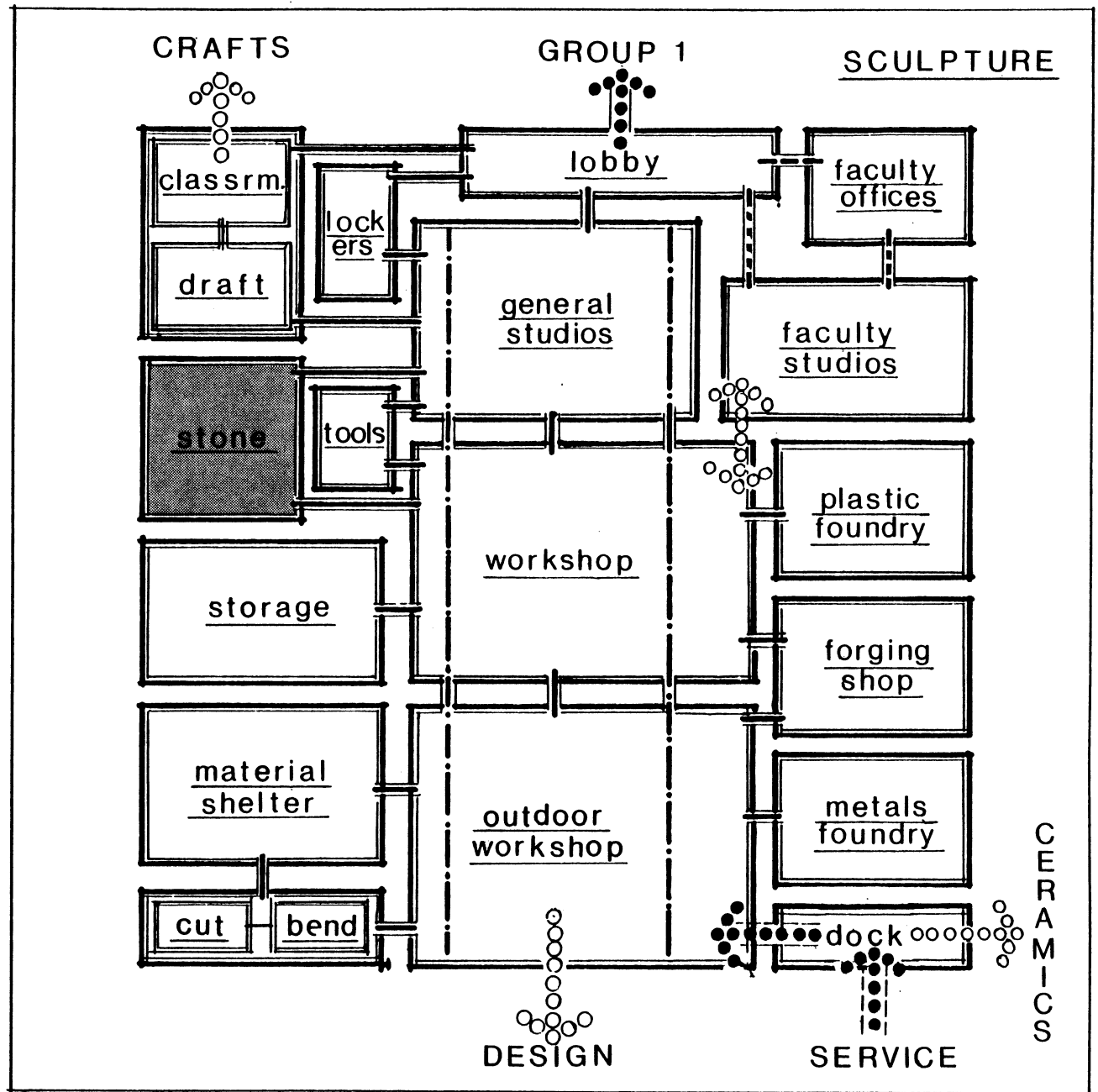
DUST CONTROL

SYSTEMS:

- Security STUDENT CONTROL
- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT,
- Plumbing H & C WATER, COMPRESSED AIR
- Lighting FLUORESCENT, NATURAL SOUTH EXPOSURE

FINISHES

- Floor CONCRETE
- Walls CONCRETE
- Ceiling OPEN PLENUM



Area : 1250 S.F.

drafting & classroom

QUANTITY : 1 @ 650 s.f., 1 @ 600 s.f.

USERS

SCULPTURE & CRAFTS STUDENTS & FACULTY

FUNCTION

CLASSROOM, DRAFTING CLASSROOM, DRAFTING SCULPTURE DESIGNS

EQUIPMENT

CLASSROOM CHAIRS, DRAFTING TABLES, STOOLS

SPECIAL CONSIDERATIONS

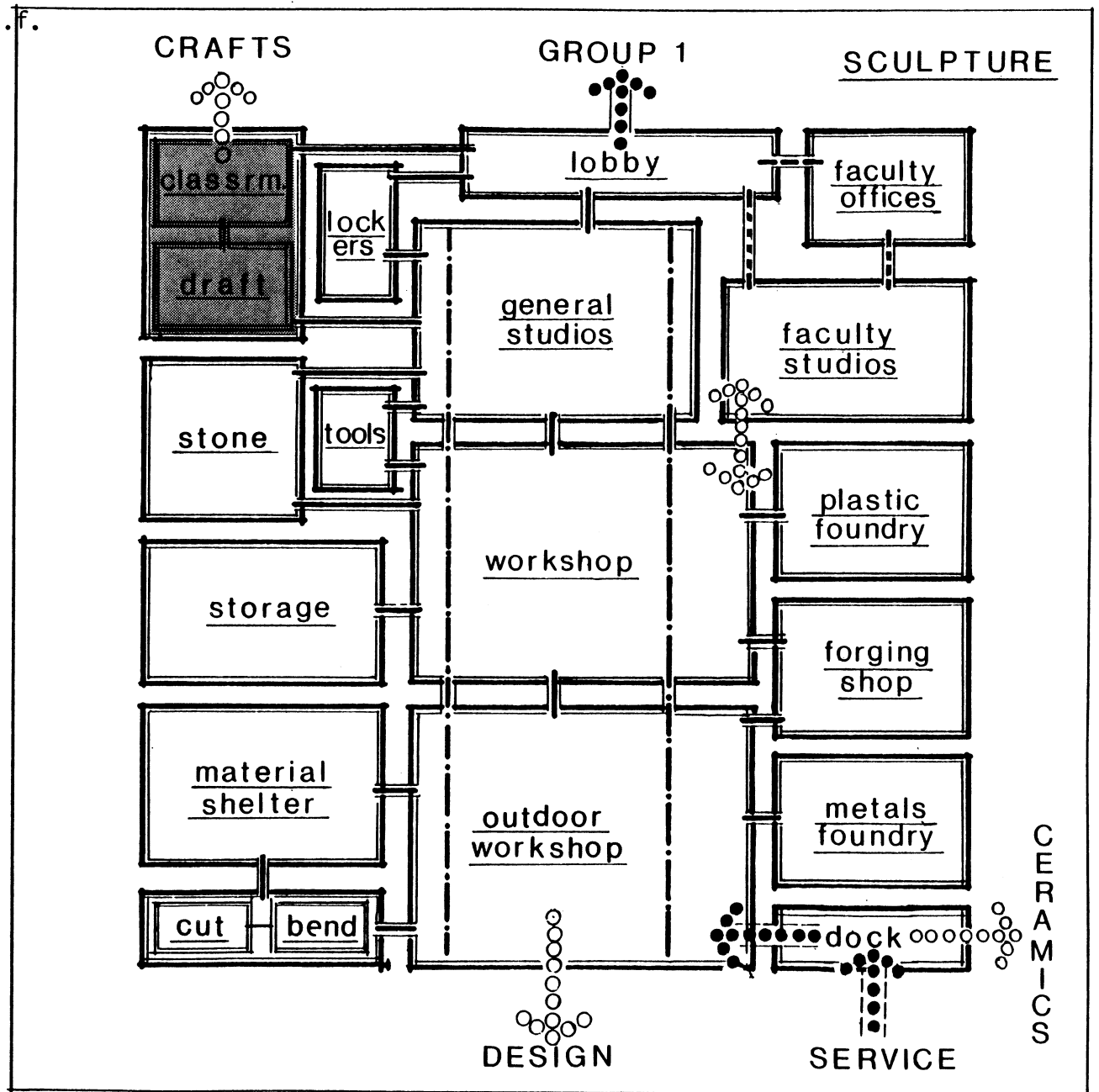
NATURAL LIGHT

SYSTEMS:

- Security NO
- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT
- Plumbing NONE
- Lighting FLUORESCENT

FINISHES

- Floor RESILIENT TILE
- Walls GYP. BOARD, PAINT, STC 45
- Ceiling ACOUSTICAL TILE



Area: 1000 S.F.

collection storage

QUANTITY: 2 @ 250, 1 @ 500s.f.

USERS

SCULPTURE STUDENTS & FACULTY

FUNCTION

STORAGE COLLECTION OF WORKS.

EQUIPMENT

SHELVING & RACKS FOR STORING TABLES, CHAIR, LADDER, FIRE EXTINGUISHERS

SPECIAL CONSIDERATIONS

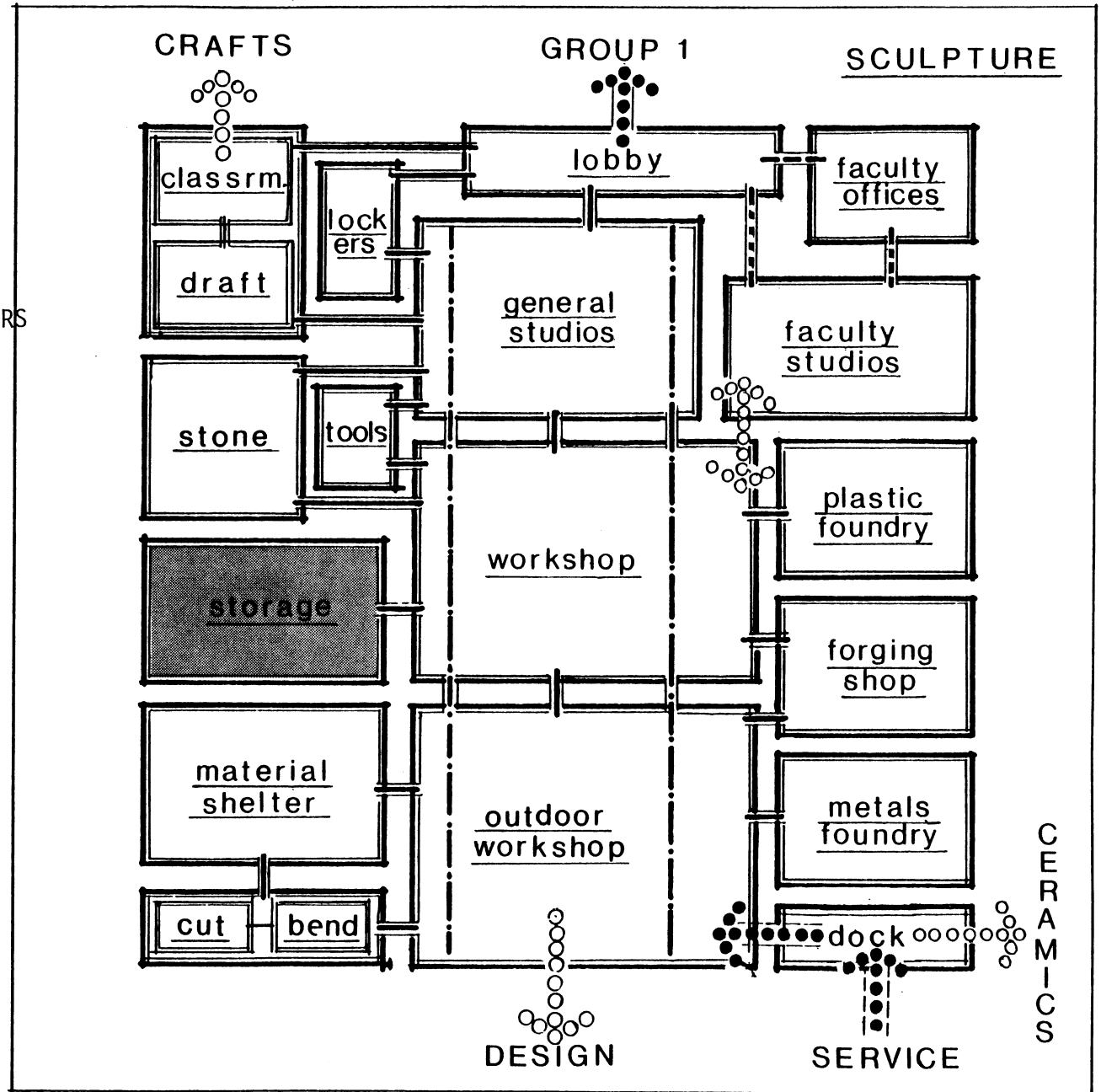
FIRE RATED WALLS, 15' HEIGHT

SYSTEMS:

- Security LOCKED AT ALL TIMES
- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT
- Plumbing NONE
- Lighting FLUORESCENT

FINISHES

- Floor RASILIENT TILE
- Walls CONCRETE
- Ceiling OPEN PLENUM



ST. LOUIS ART SPECTRUM INSTITUTE

Area: 2500 S.F.

material shelter

QUANTITY : 6 AREAS, 4 @ 500 s.f.

USERS 2 @ 250 s.f.

SCULPTURE STUDENTS & FACULTY,

FUNCTION

AREA WHERE MATERIALS CAN BE STORED,
CUT AND BENT, UNDER SHELTER.

EQUIPMENT

SOME METAL RACKS

SPECIAL CONSIDERATIONS

SHELTERED AREA, SCREENED FROM STREET

SYSTEMS:

-Security NO

-H.V.A.C. NONE

-Plumbing COLD WATER LINE

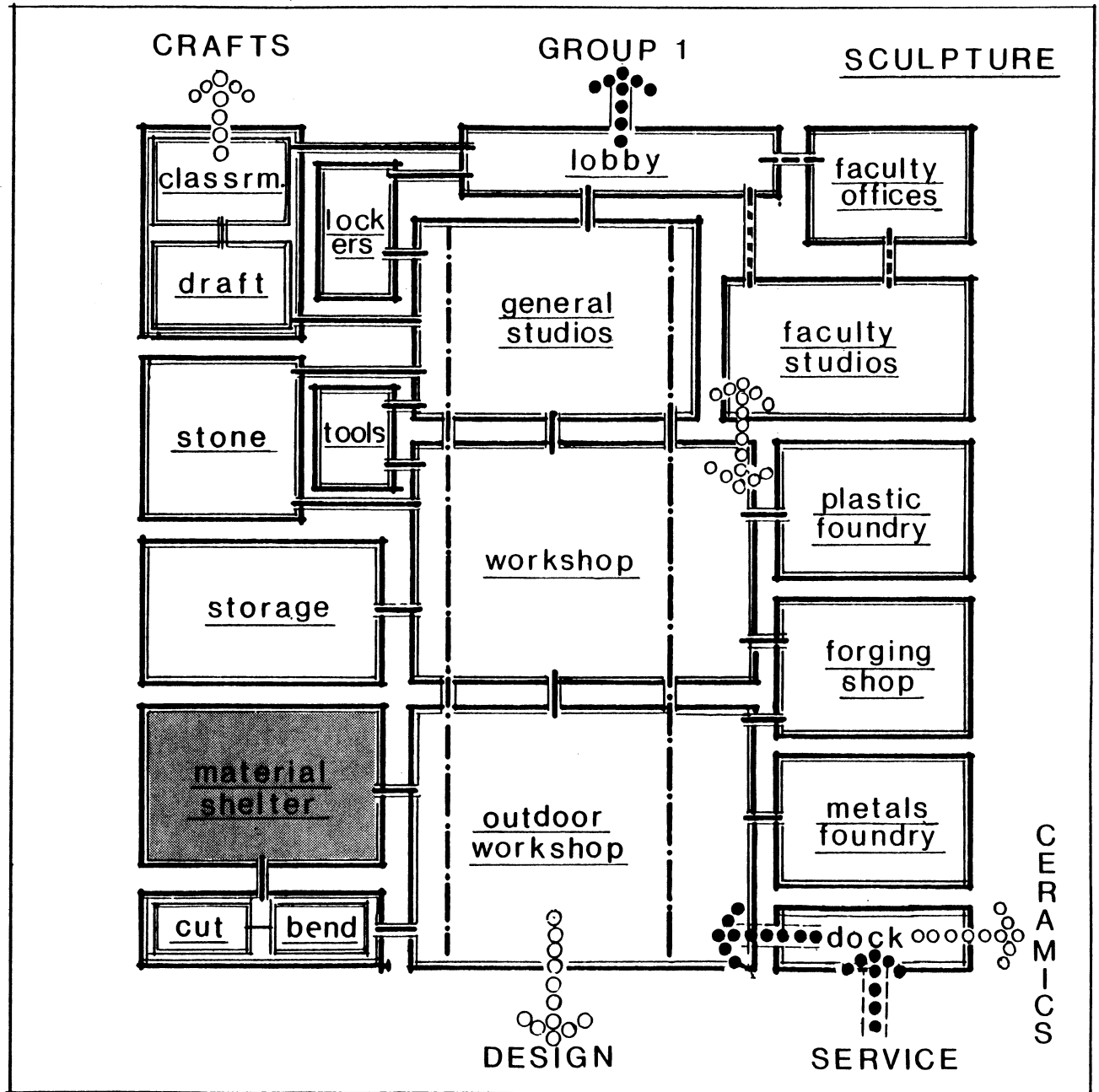
-Lighting HIGH PRESSURE SODIUM

FINISHES

-Floor CONCRETE PAD, EARTH

-Walls LOW WALLS

-Ceiling METAL SHELTER



Area: 800 S.F.

plastic foundry

QUANTITY: 1
USERS

SCULPTURE STUDENTS & FACULTY

FUNCTION

PROCESS OF PLASTIC MODELING, MELTING PROCESSES, TECHNIQUE INSTRUCTION.

EQUIPMENT

HOT WIRE STYROFOAM CUTTER, BAND SAW, DRILL PRESS, STRIP HEATERS, RADIANT HEATING OVEN, PRESSURE FORMING TABLE, WORK TABLES, STOOLS, SCROLL SAW FIRE EXTINGUISHERS, VENT HOODS, MET. SINKS

SPECIAL CONSIDERATIONS

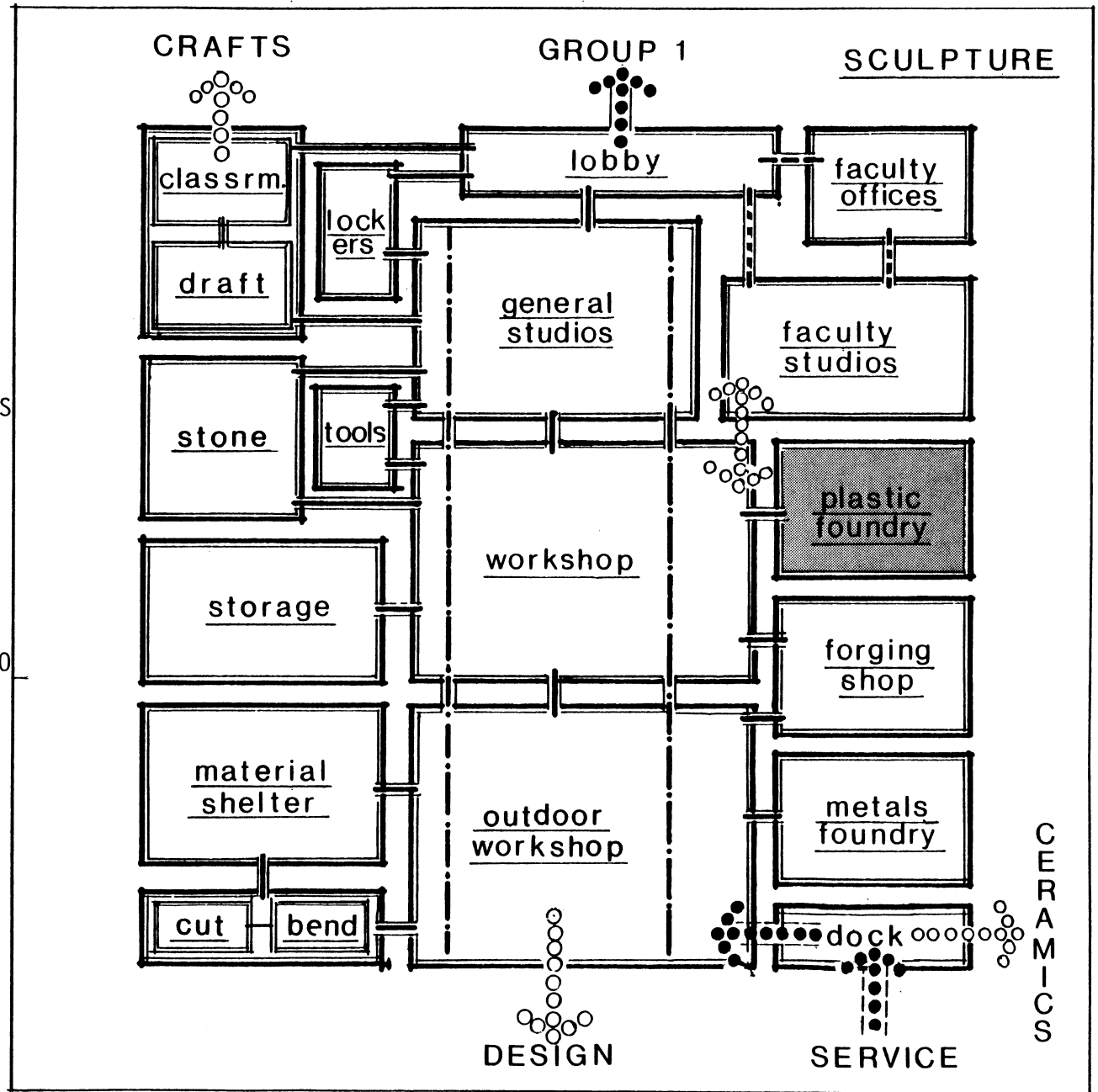
GAS & FUME, VENTILATION, FIRE RATED WALLS,

SYSTEMS:

- Security NO
- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT, VENTILATION CONTROL
- Plumbing H & C WATER, GAS, COMPRESSED AIR
- Lighting FLUORESCENT

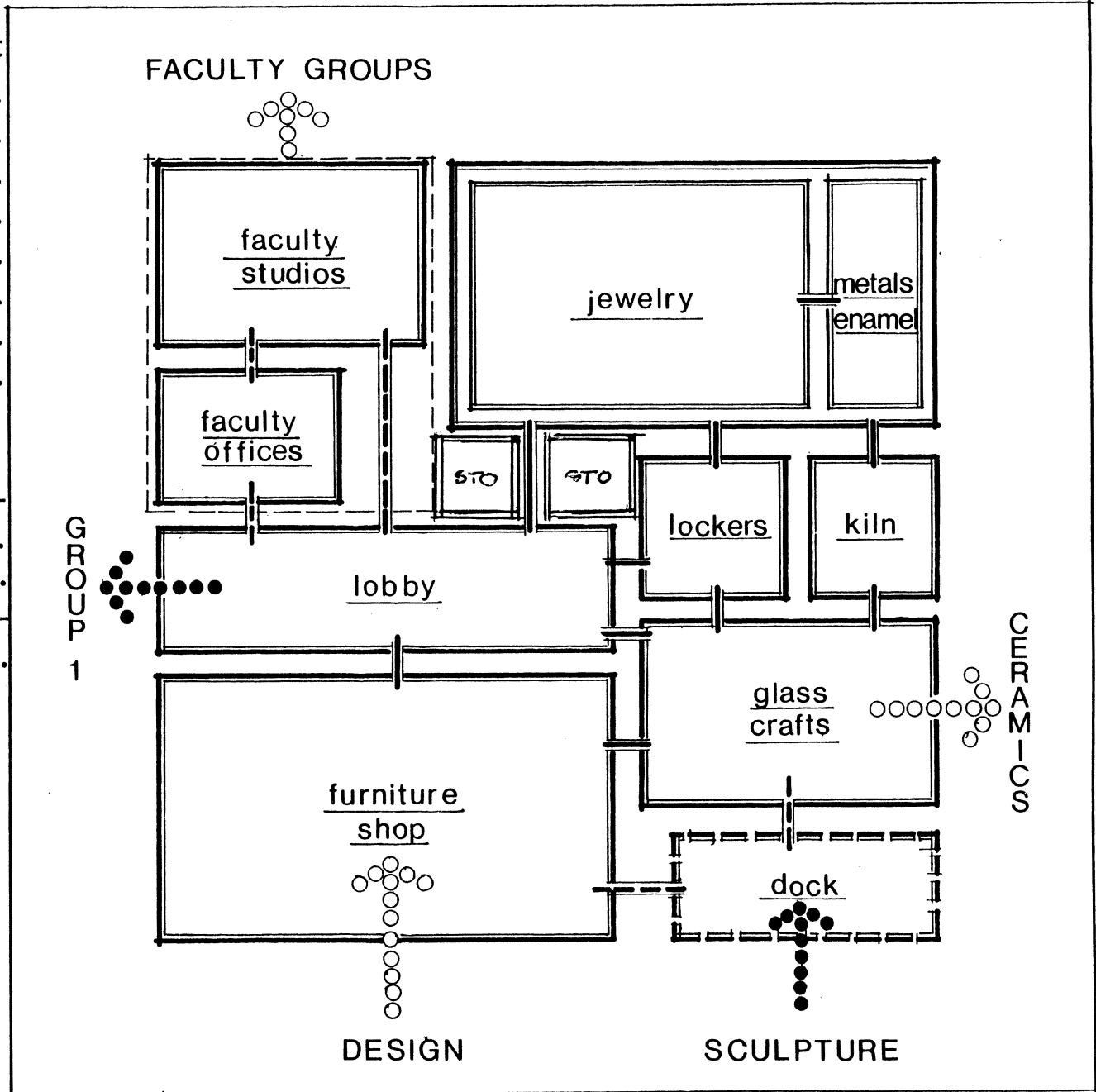
FINISHES

- Floor CONCRETE
- Walls CONCRETE, PAINT
- Ceiling OPEN PLENUM



CRAFTS

Glass Crafts	1200 s.f.
Kiln Room	400 s.f.
Jewelry Studio	1700 s.f.
Metal Enamel Studio	625 s.f.
Furniture Shop	1500 s.f.
Lockers	600 s.f.
Service Dock	200 s.f.
Equipment Storage	500 s.f.
Faculty Studios (4)	---
Faculty Offices (4)	---
<hr/>	
Gross	6725 s.f.
15% Circulation	1008 s.f.
<hr/>	
Total Department	7733 s.f.



Area: 625 S.F.

QUANTITY: 1
USERS
CRAFTS STUDENTS & FACULTY

FUNCTION
PRODUCTION OF METAL OBJECTS
ENAMELING & SMILTHING

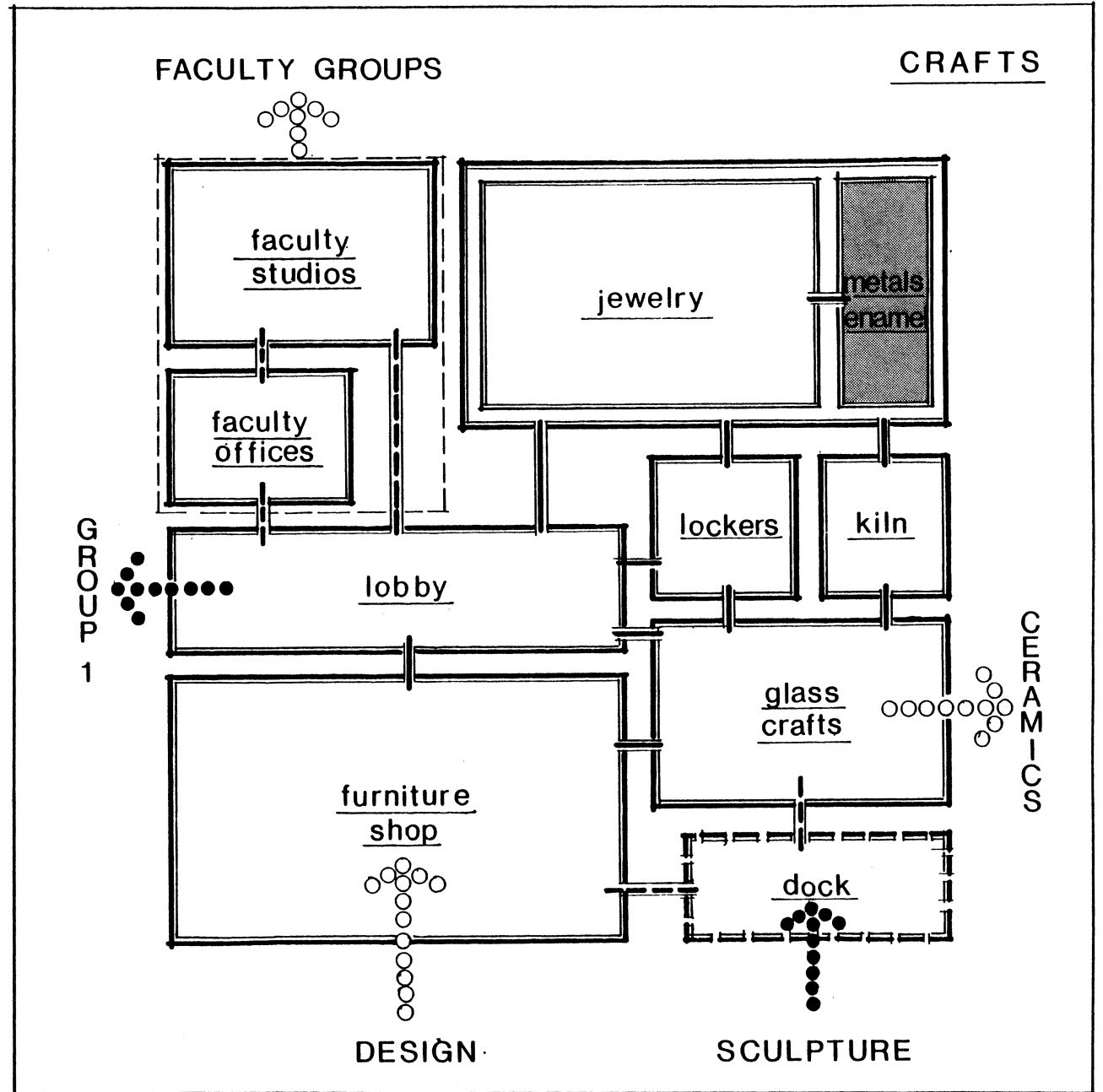
EQUIPMENT
WORK TABLES, VICES, ANVILS MICRODRILL
PRESS, HOT PLATE, BENCH GRINDER, BUFFER
LATHE, STOOLS, FIRE EXTIGUISHERS

SPECIAL CONSIDERATIONS
ADJCENT TO JEWELRY STUDIO

SYSTEMS:
-Security NO

-H.V.A.C. SINGLE ZONE, CLOSED
THERMOSTAT
-Plumbing METAL SINK, H & C WATER
-Lighting FLUORESCENT

FINISHES
-Floor RESILIENT TILE
-Walls DRYWALL, PAINT
-Ceiling OPEN PLENUM



Area: 1200 S.F.

glass crafts

QUANTITY: 2 AREAS OF 600 s.f.

USERS

CRAFTS STUDENTS AND FACULTY

FUNCTION

AREAS FOR THE PRODUCTION OF GLASS OBJECTS

EQUIPMENT

WORK TABLES, STOOLS, FIRE EXTINGUISHERS
CERAMIC KILNS, WITH METAL DOORS
COOLING DRUMS, REACH FRAMES, RAKE STUMP
COOLING RACKS, SHELVING, HEAT PROTECTION
SHIELDS, REACH FRAMES, VENT HOODS

SPECIAL CONSIDERATIONS

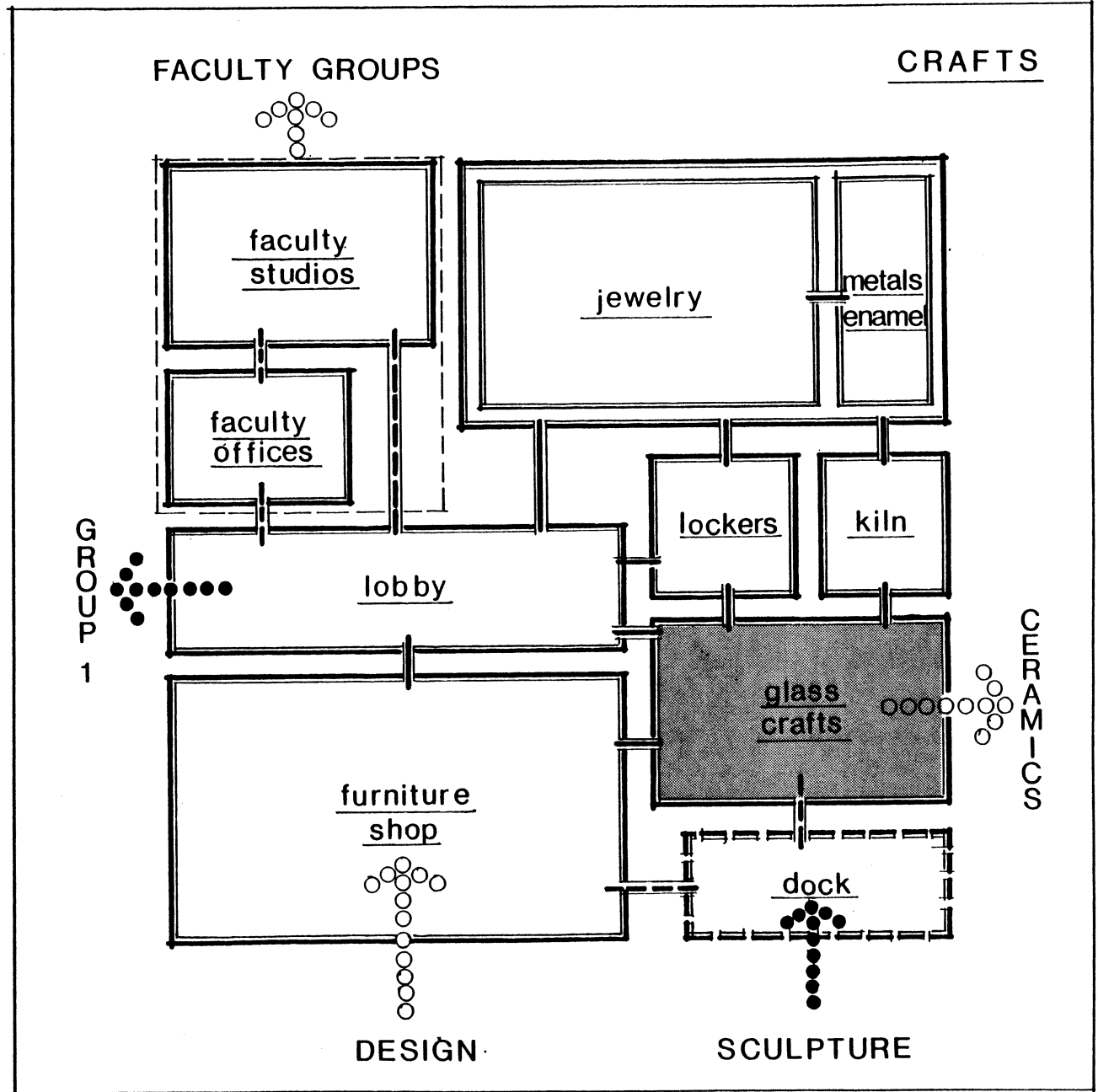
TWO SEPARATE AREAS REQUIRED, 15'-20'
HIGH; TEMPERATURE WALLS, HIGH FUME
VENTILATION

SYSTEMS:

- Security STUDENT CONTROL
- H.V.A.C. SINGLE ZONE, TEMPERATURE CONTROL, VENTILATION
- Plumbing H & C WATER, GAS, COMPRESSED AIR
- Lighting FLUORESCENT

FINISHES

- Floor CONCRETE
- Walls CONCRETE
- Ceiling OPEN PLENUM



Area: 400 S.F.

kiln room

QUANTITY: 1

USERS

JEWELRY AND GLASS STUDENTS & FACULTY

FUNCTION

SHARED KILN ROOM BETWEEN JEWELRY AND GLASS CRAFTS

EQUIPMENT

ELECTRIC KILNS, ONE CERAMIC GAS KILN RACKS & SHELVING, WORK TABLES, CHAIRS FIRE EXTINGUISHERS, METAL SINK, SCRAP DRUMS

SPECIAL CONSIDERATIONS

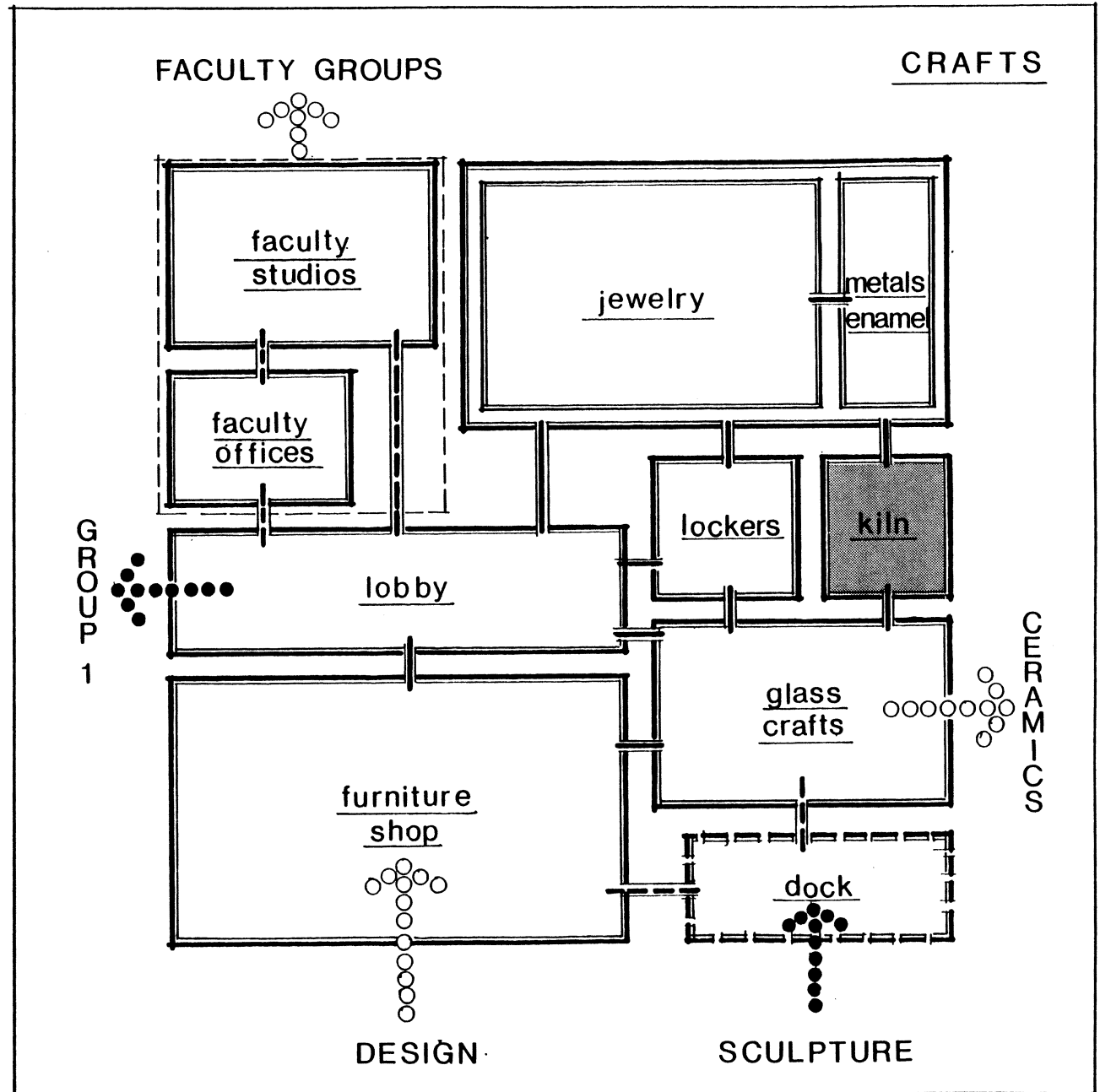
FIRE RATED WALLS, HIGH VENTILATION VENT HOODS, CONTROLLED ENTRY, ESCAPE

SYSTEMS:

- Security STUDENT CONTROL
- H.V.A.C. SINGLE ZONE, VENTILATION TEMPERATURE CONTROL
- Plumbing METAL SINK, H & C WATER GAS,
- Lighting FLUORESCENT

FINISHES

- Floor CONCRETE
- Walls CONCRETE
- Ceiling OPEN PLENUM



Area: 1700 S.F.

jewelry studio

QUANTITY: 1

USERS

STUDENTS ENROLLED IN JEWELRY, INDIVIDUALS WITH PROJECTS, FACULTY

FUNCTION

STUDIO SPACE FOR THE DESIGN AND FABRICATION OF JEWELRY

EQUIPMENT

FREESTANDING: POLISHING MACHINE, BUFFER BEAD BLASTER, DRILL PRESS, ANVILS ON STUMPS, METAL SMITHING TABLES, WORK TBLS STOOLS, VACUUM AND CENTRIFUGAL CASTING, ETCHER, WAX INJECTOR, VULCANIZER, SANDER, ULTRASONIC CLEANER, GRINDER, ELEC. FORMING

SPECIAL CONSIDERATIONS

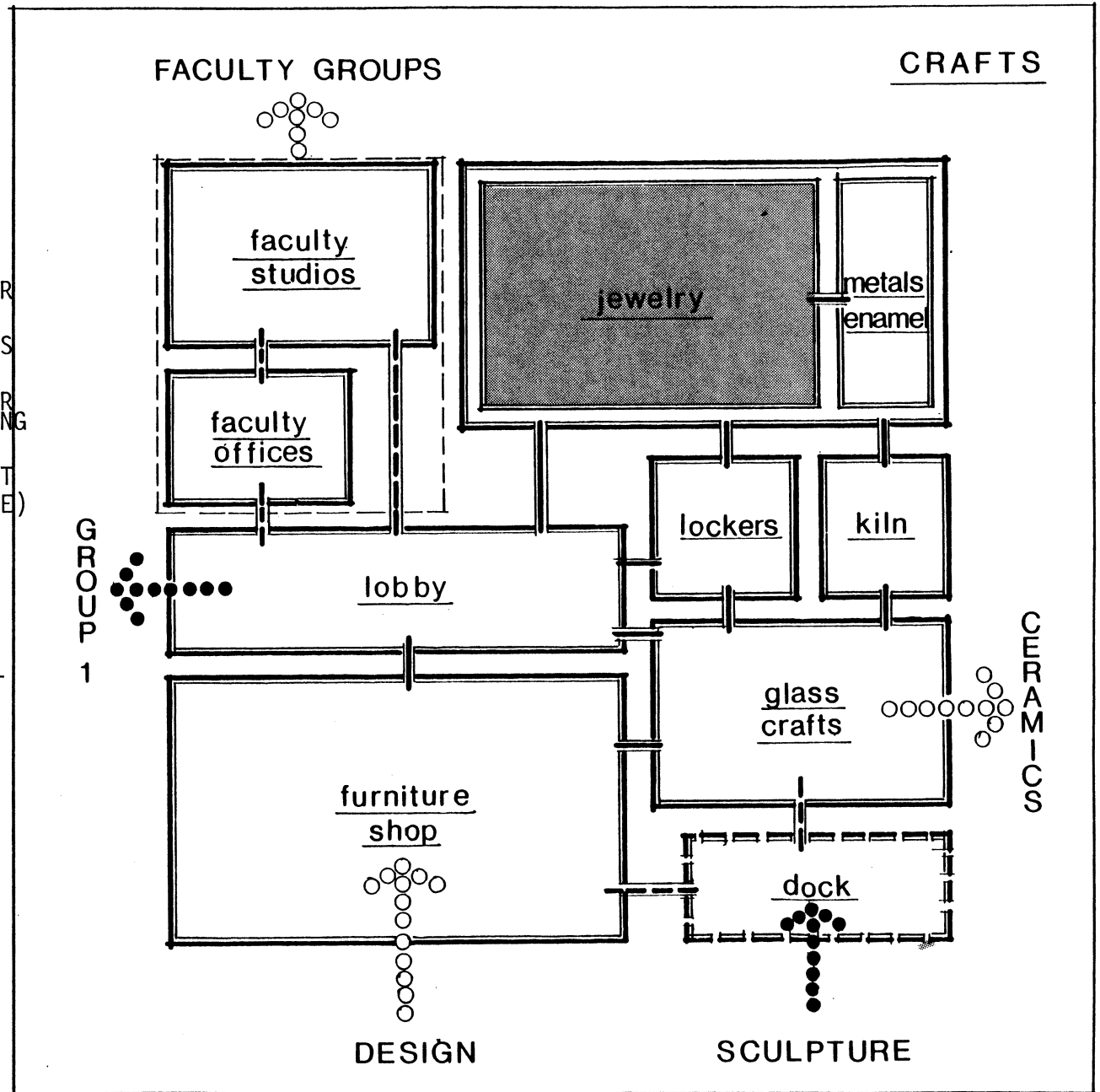
15'-20' HEIGHT, CABINETRY, NATURAL LIGHT SEPARATE AREA FOR METAL SMILTHING (NOISE) DISPLAY CASES, SECURE

SYSTEMS:

- Security STUDENT CONTROL, DISPLAY ALARM
- H.V.A.C. SINGLE ZONE, CLOSED THERMOSTAT., EXPOSED
- Plumbing METAL SINKS, H & C WATER
- Lighting FLUORESCENT

FINISHES

- Floor RESILIENT TILE
- Walls DRYWALL
- Ceiling OPEN PLENUM



ST. LOUIS ART SPECTRUM INSTITUTE

Area: 1500 S.F.

furniture shop

QUANTITY: 1

USERS

CRAFTS STUDENTS & FACULTY

FUNCTION

STUDIO SPACE FOR THE DESIGN AND PRODUCTION OF FURNITURE, ALSO MOCK-UPS

EQUIPMENT

WORK TABLES, STOOLS, CHAIRS, BAND SAW
RADIAL SAW, HAND TOOLS, FILE MACHINE
DRILL PRESS, GRINDERS, BUFFERS, PRESSURE
FILE, VICES, BELT SANDER, DISC SANDER
PUNCTURE MACHINE, STORAGE CABINETS
ABOVE AND BELOW, SINK, FIRE EXTINGUISHER

SPECIAL CONSIDERATIONS

15'-20' HEIGHT, DUST VENTILATION
FLOOR HOSE, FIRE RATED WALLS,

SYSTEMS:

-Security STUDENT CONTROL

-H.V.A.C. SINGLE ZONE, CLOSED
THERMOSTAT, VENTILATION

-Plumbing METAL SINK, H & C WATER
GAS, COMPRESSED AIR

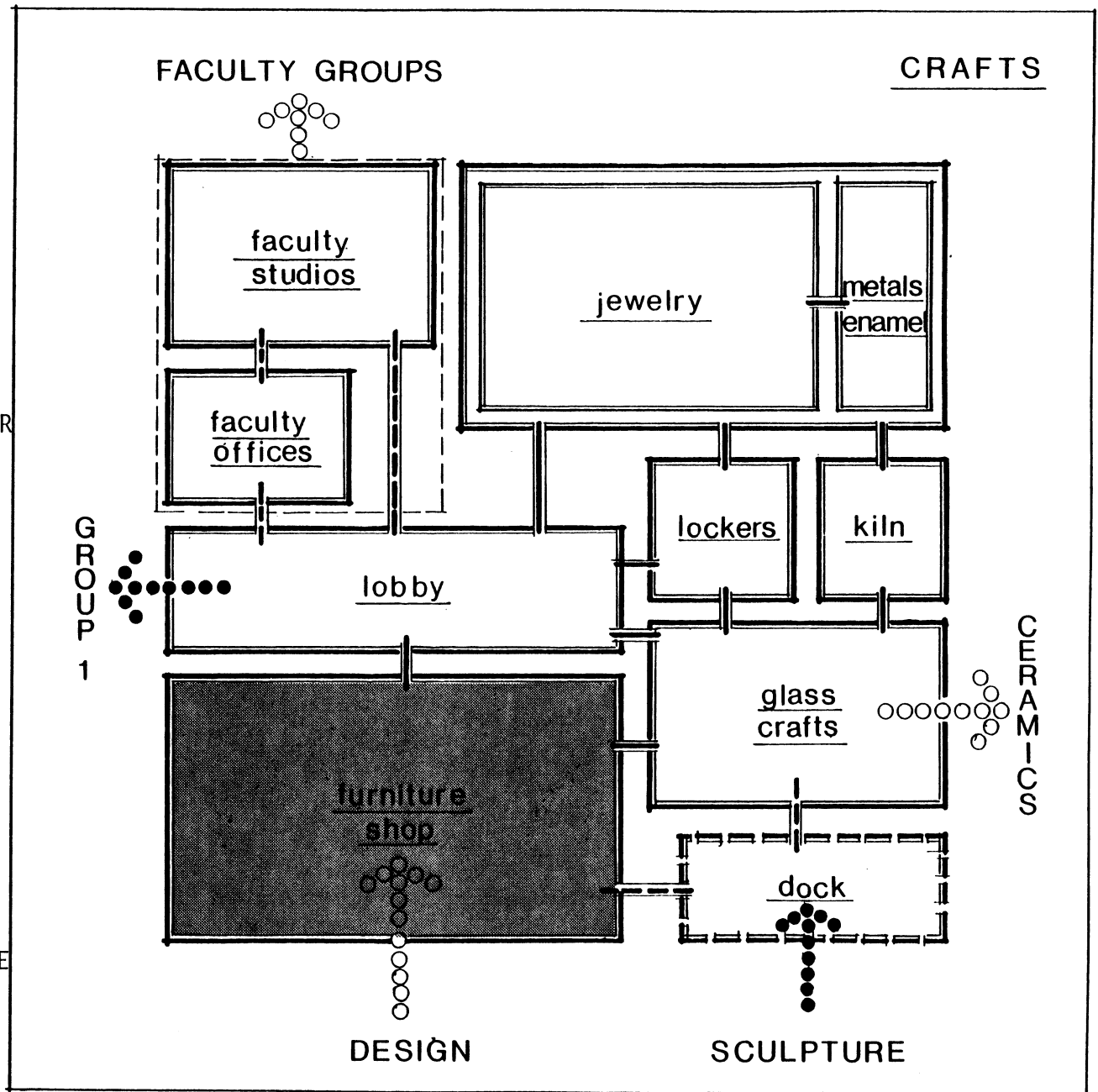
-Lighting FLUORESCENT, NATURAL

FINISHES

-Floor RESILIENT TILE, SMALL
CONCRETE PAD

-Walls GYP. BOARD, PAINT, CONCRETE

-Ceiling OPEN PLENUM



Area: 500 S.F.

equipment storage

QUANTITY: 2 @ 250 s.f.

USERS

CRAFTS STUDENTS & FACULTY

FUNCTION

COLLECTION STORAGE, STUDENT WORK, EQUIPMENT, SOME MATERIAL, GENERAL

EQUIPMENT

RACKS & SHELVING, LADDER, TABLE, STOOL
FIRE EXTINGUISHERS

SPECIAL CONSIDERATIONS

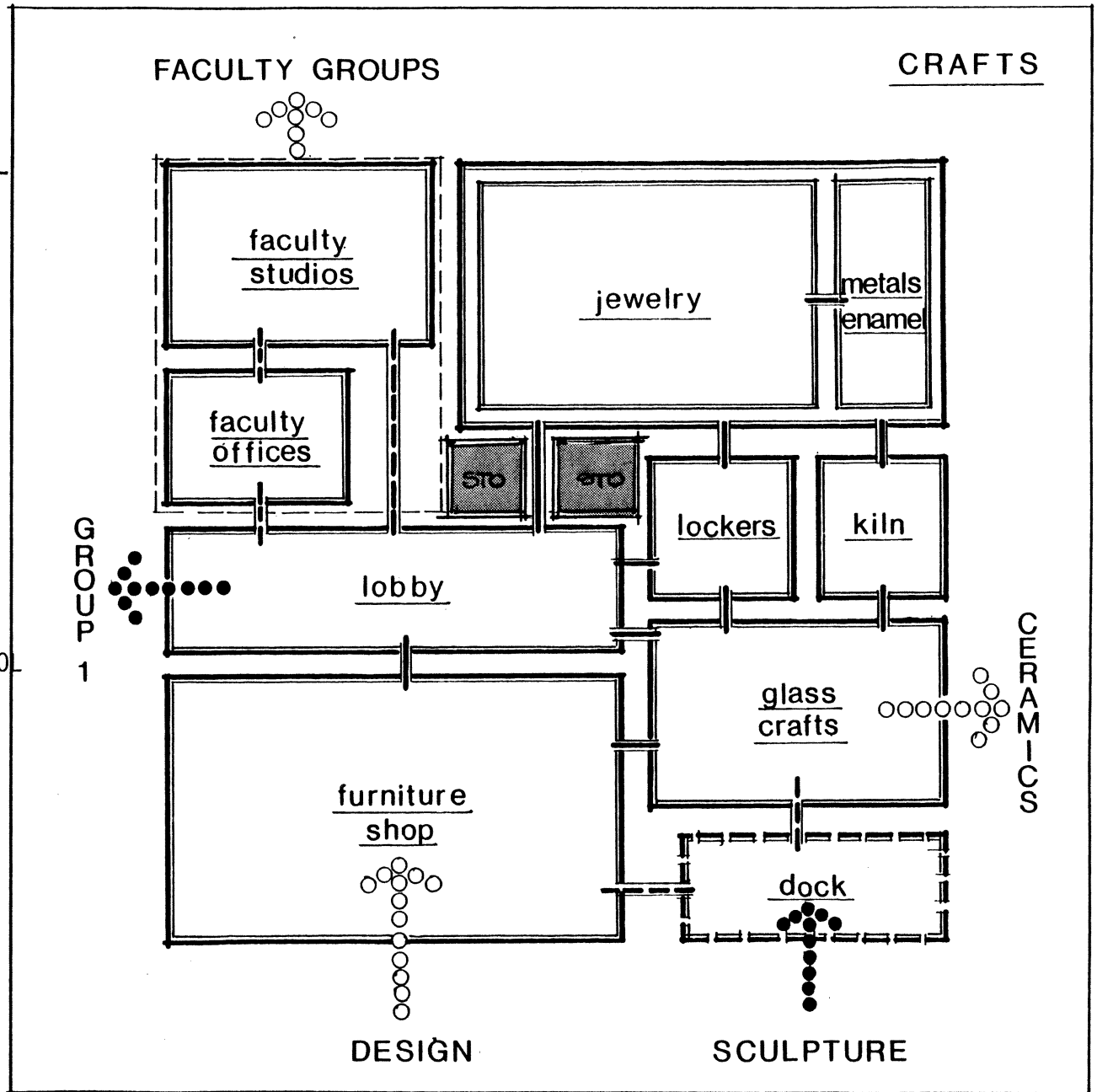
FIRE RATED WALLS,

SYSTEMS:

- Security LOCKED @ ALL TIMES
- H.V.A.C. SINGLE ZONE HUMIDITY CONTROL
CLOSED THERMOSTAT, VENT.
- Plumbing NONE
- Lighting FLUORESCENT

FINISHES

- Floor RESILIENT TILE
- Walls GYP. BOARD, PAINT
- Ceiling OPEN PLENUM



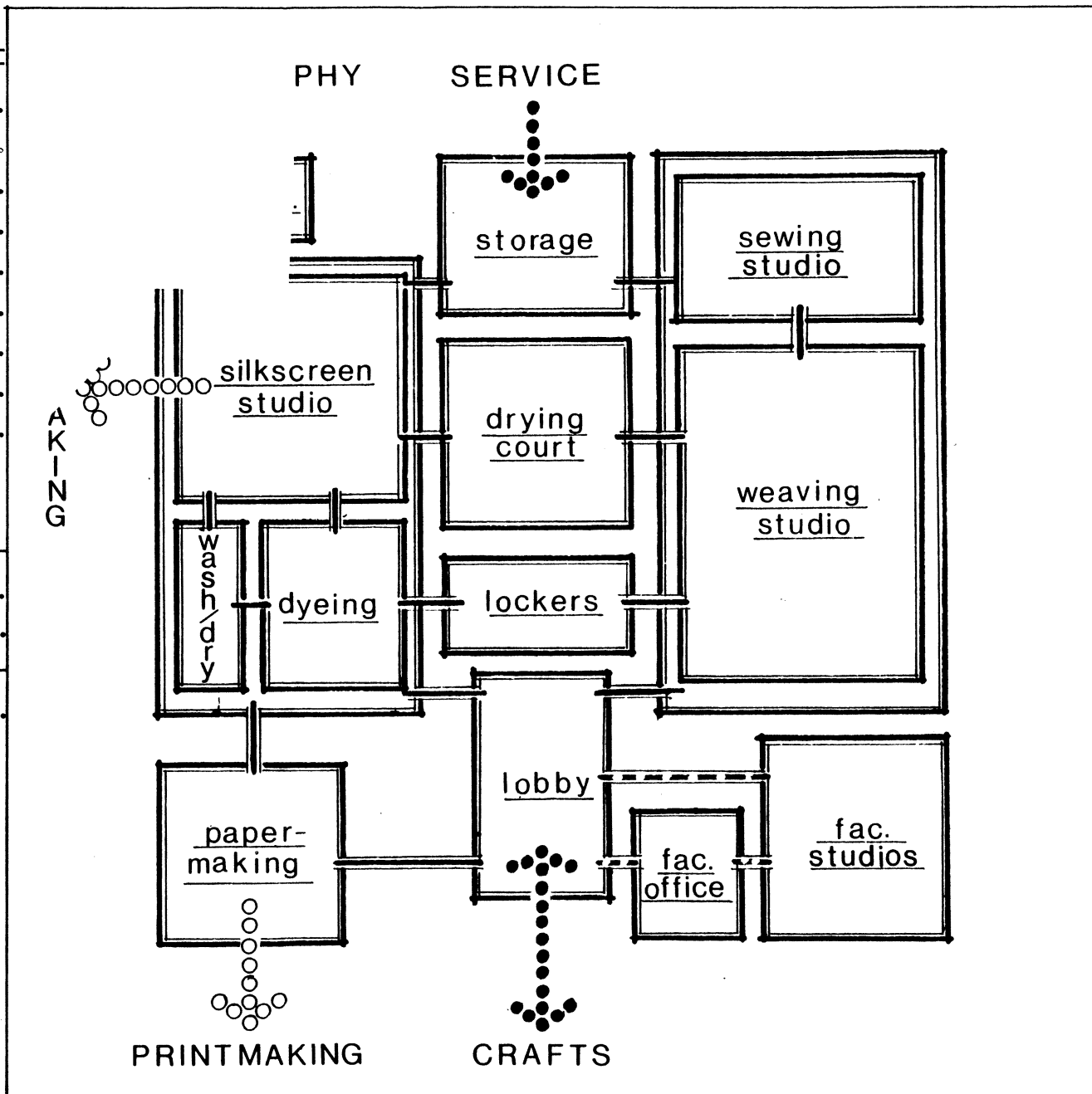


FIBERS

Weaving -----	2000 s.f.
Dyeing -----	600 s.f.
Wash & Dry -----	200 s.f.
S wing Studio -----	650 s.f.
Silkscreening -----	1400 s.f.
Photo-silkscreen -----	400 s.f.
Equipment Storage -----	800 s.f.
Papermaking -----	650 s.f.
Drying Court -----	800 s.f.
Faculty Offices (3) -----	---
Faculty Studios (3) -----	---

Gross -----	7500 s.f.
15% Circulation -----	1125 s.f.

Total Department -----	8625 s.f.



Area:

weaving studio

QUANTITY:
USERS

FUNCTION

EQUIPMENT

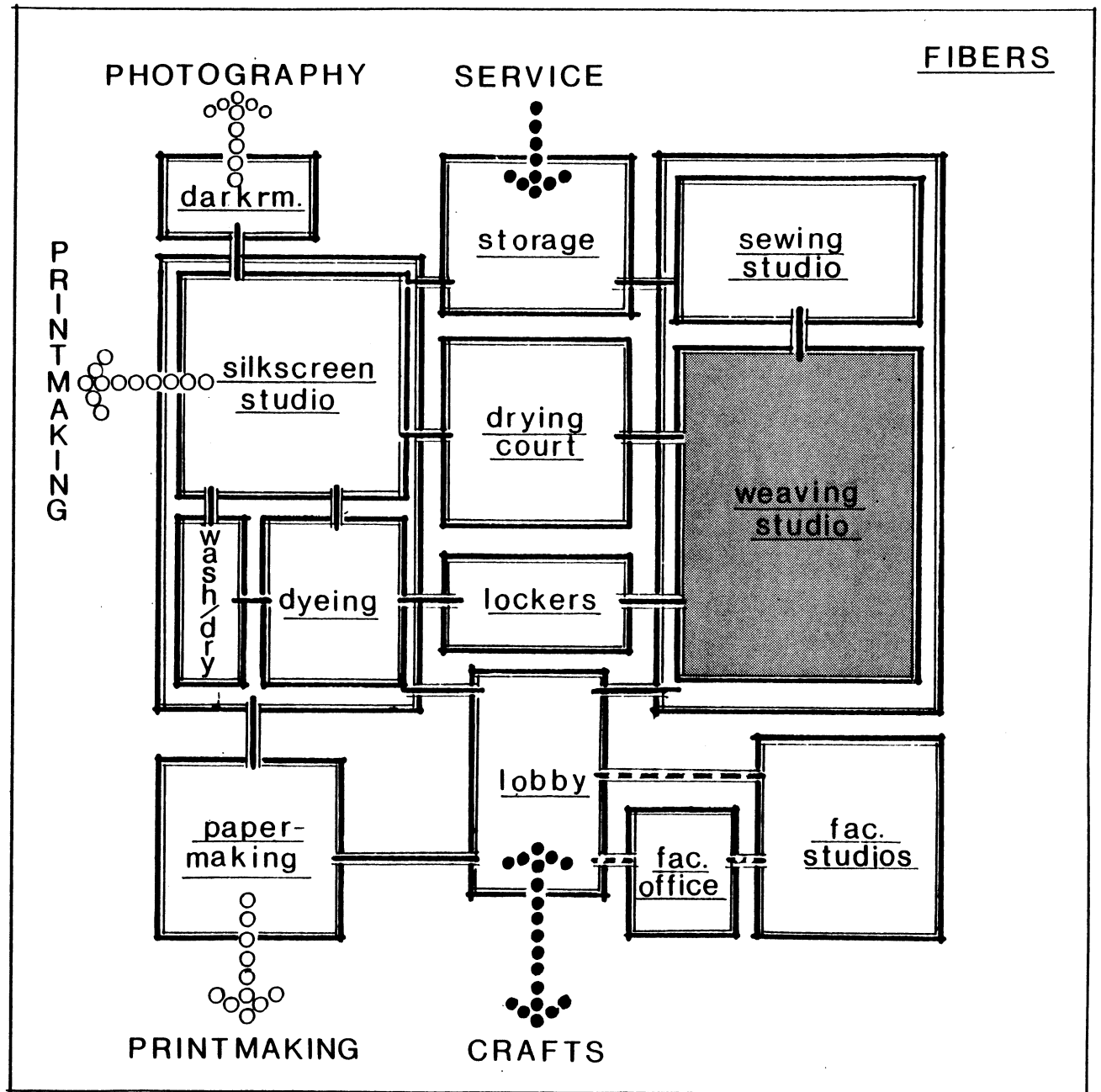
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

dyeing

QUANTITY :
USERS

FUNCTION

EQUIPMENT

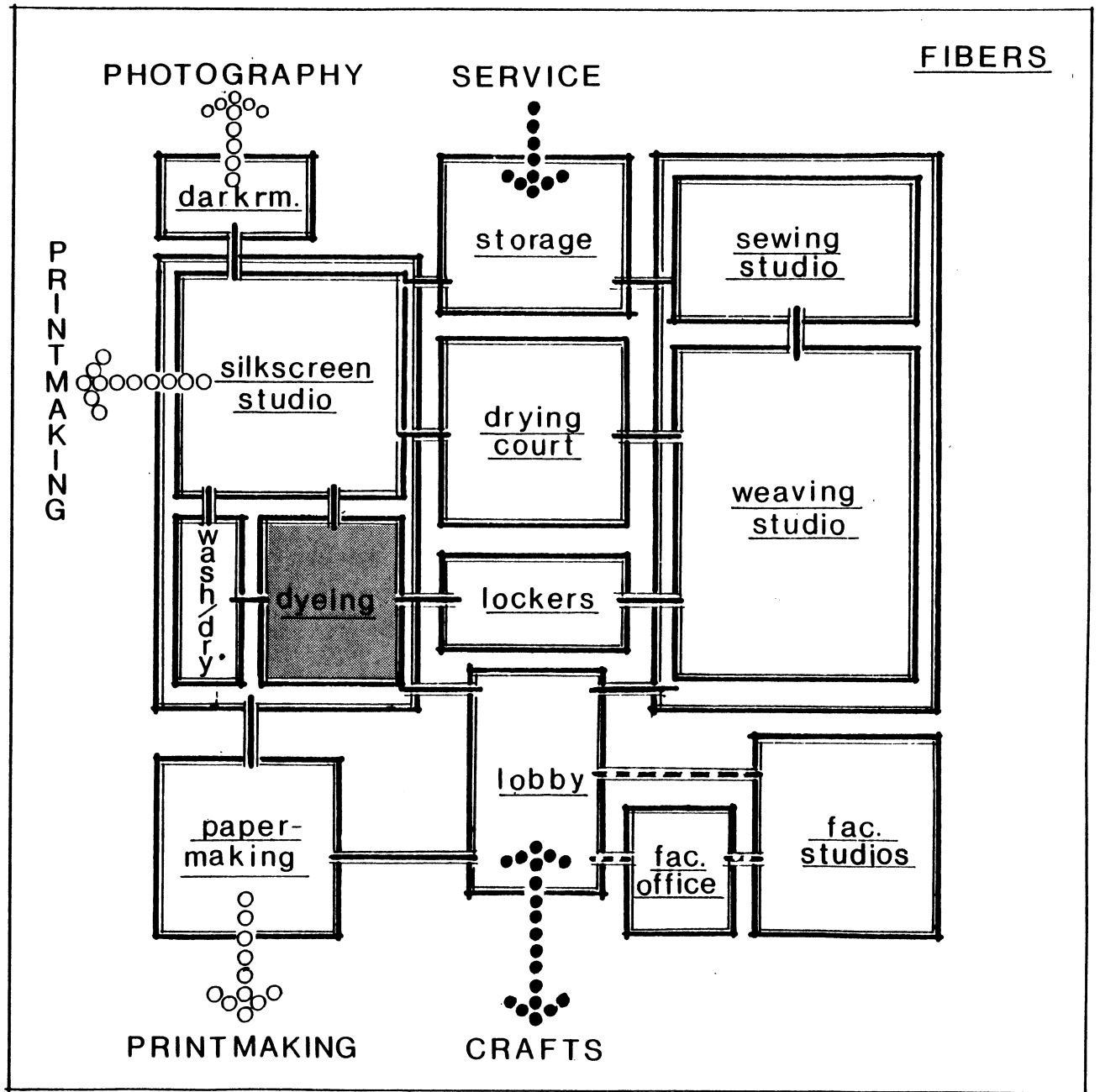
SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

wash & dry

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

- Security

- H.V.A.C.

- Plumbing

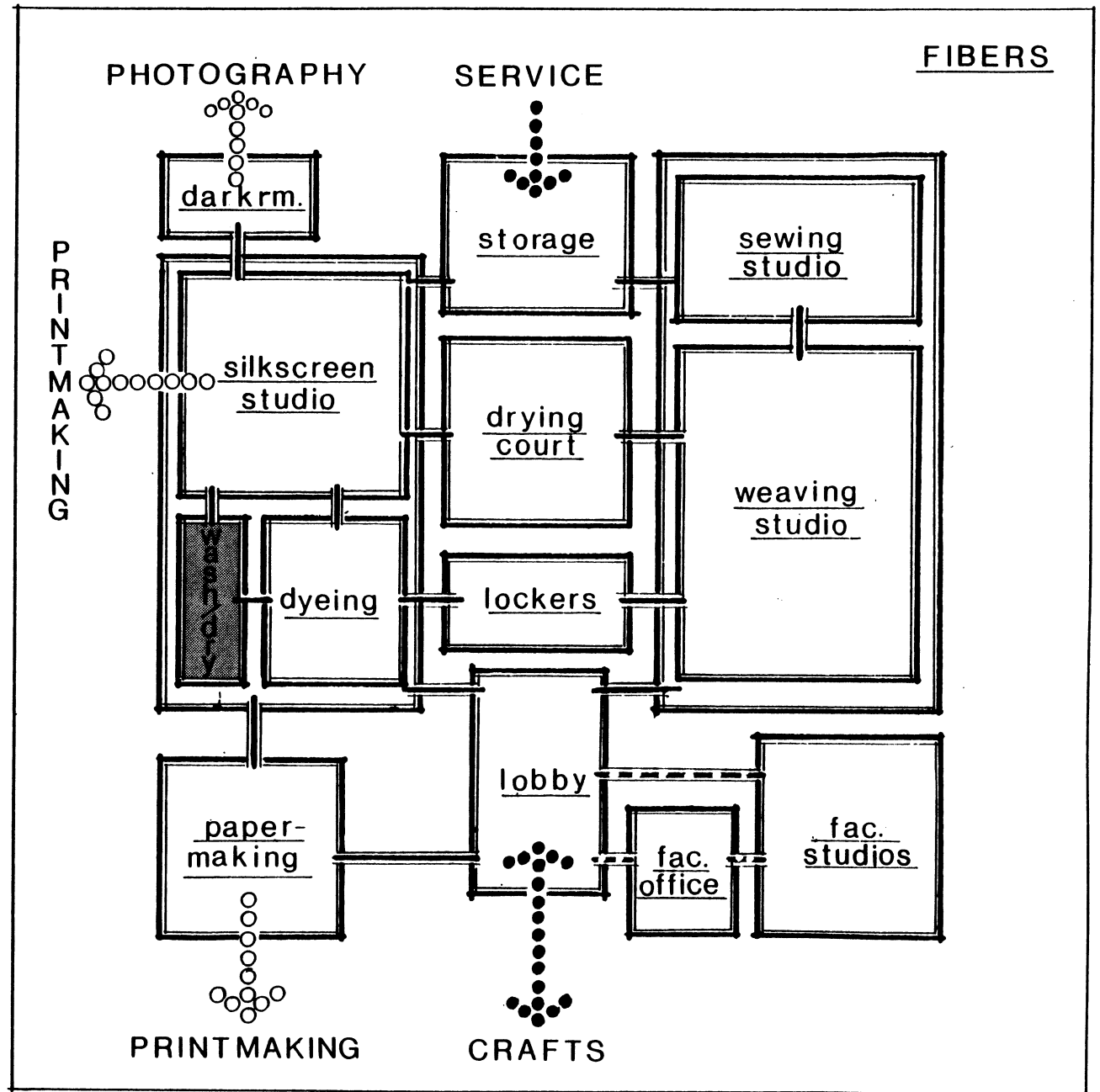
- Lighting

FINISHES

- Floor

- Walls

- Ceiling



Area:

sewing studio

QUANTITY:
USERS

FUNCTION

EQUIPMENT

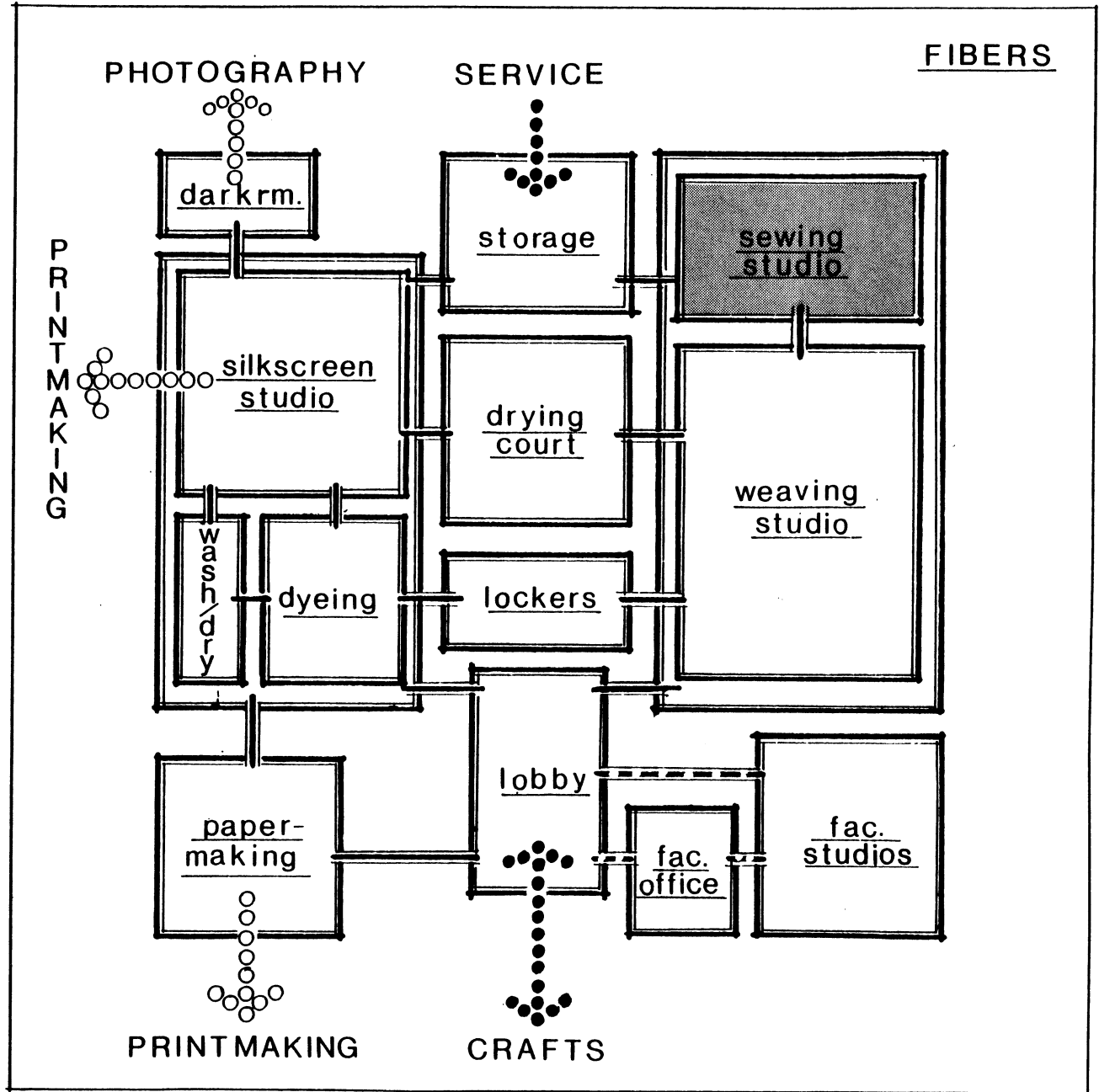
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

silkscreening

QUANTITY:
USERS

FUNCTION

EQUIPMENT

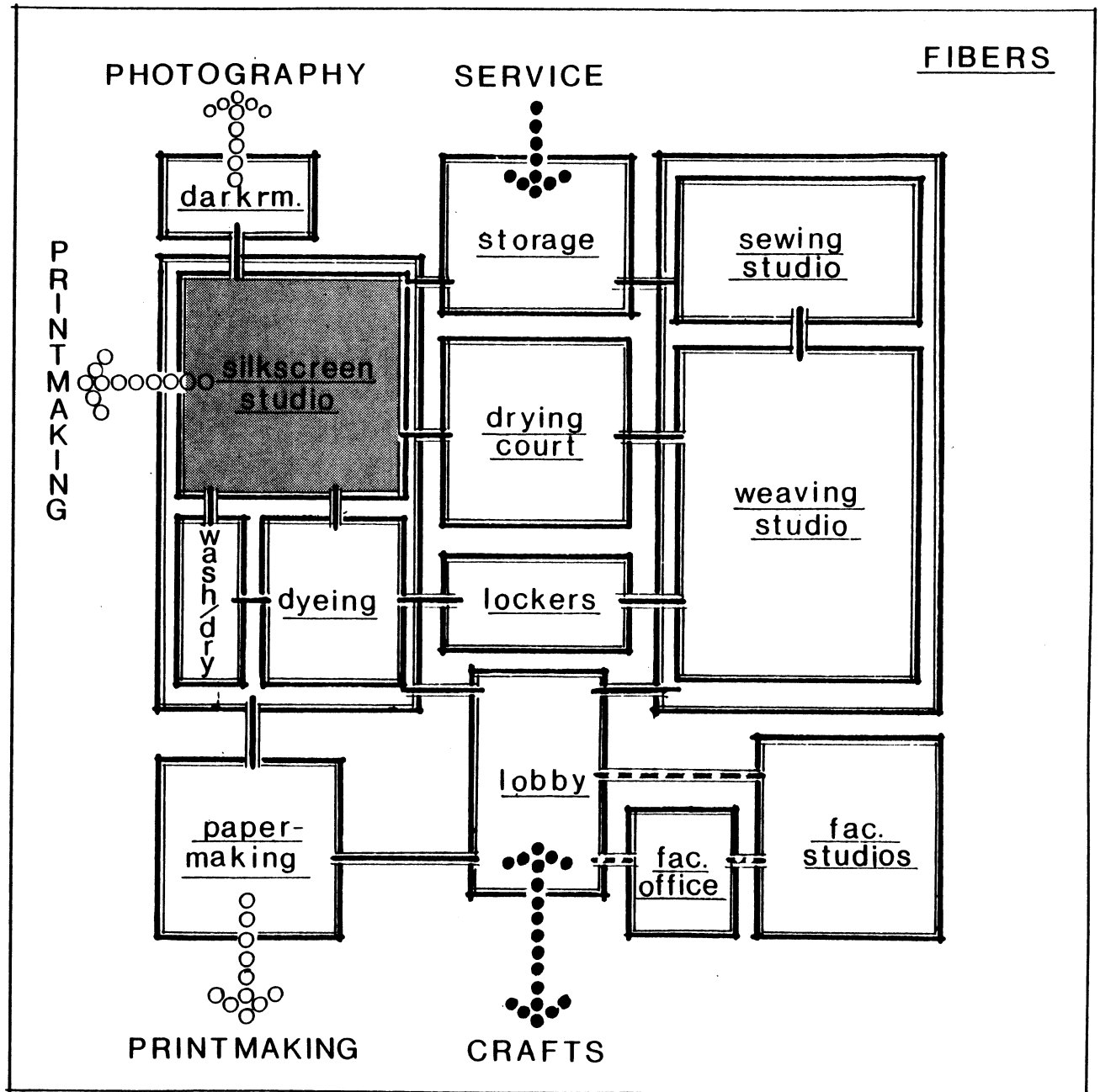
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

photo-silkscreen

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

- Security

- H.V.A.C.

- Plumbing

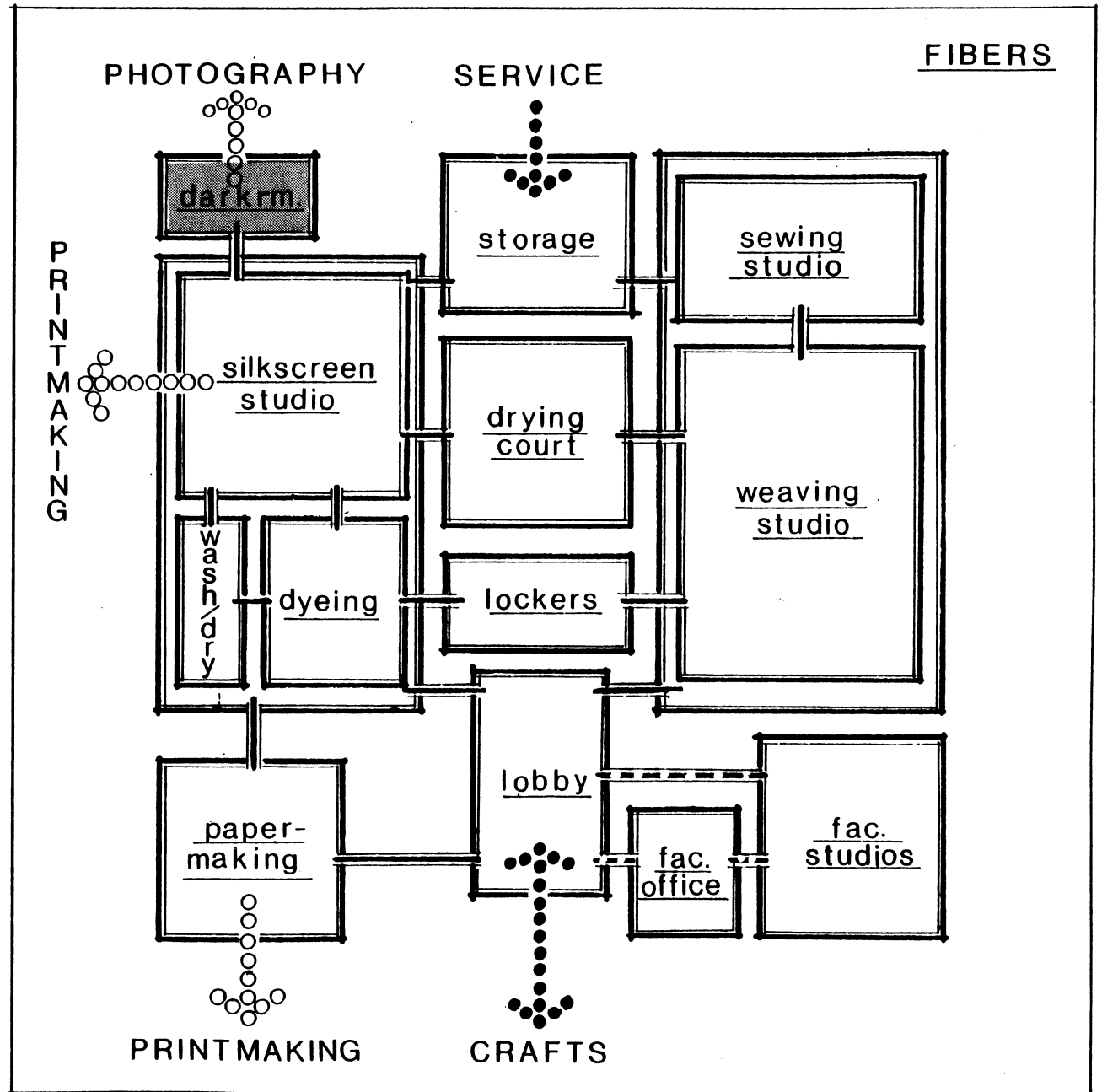
- Lighting

FINISHES

- Floor

- Walls

- Ceiling



Area:

papermaking

QUANTITY:
USERS

FUNCTION

EQUIPMENT

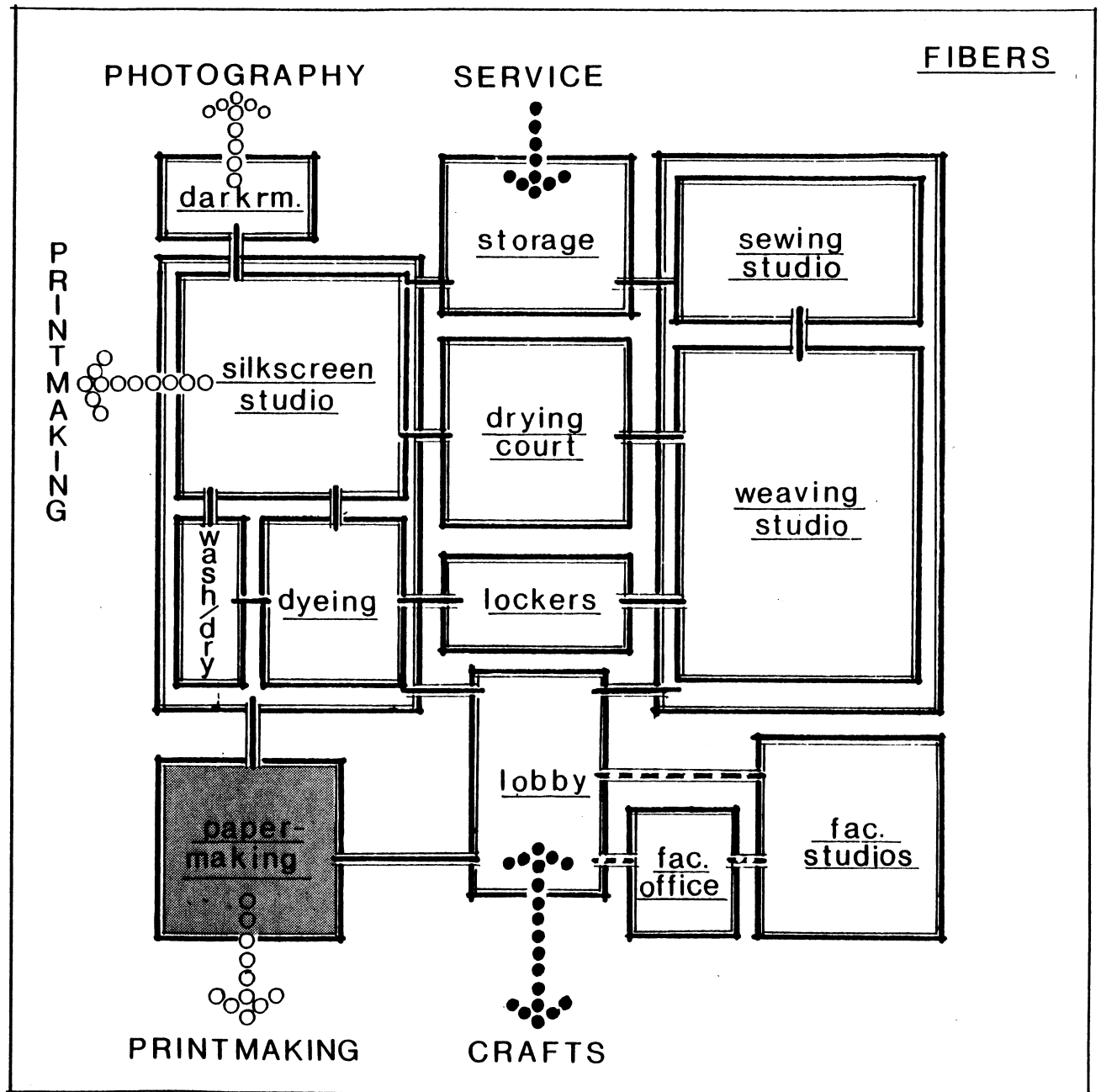
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

drying court

QUANTITY:
USERS

FUNCTION

EQUIPMENT

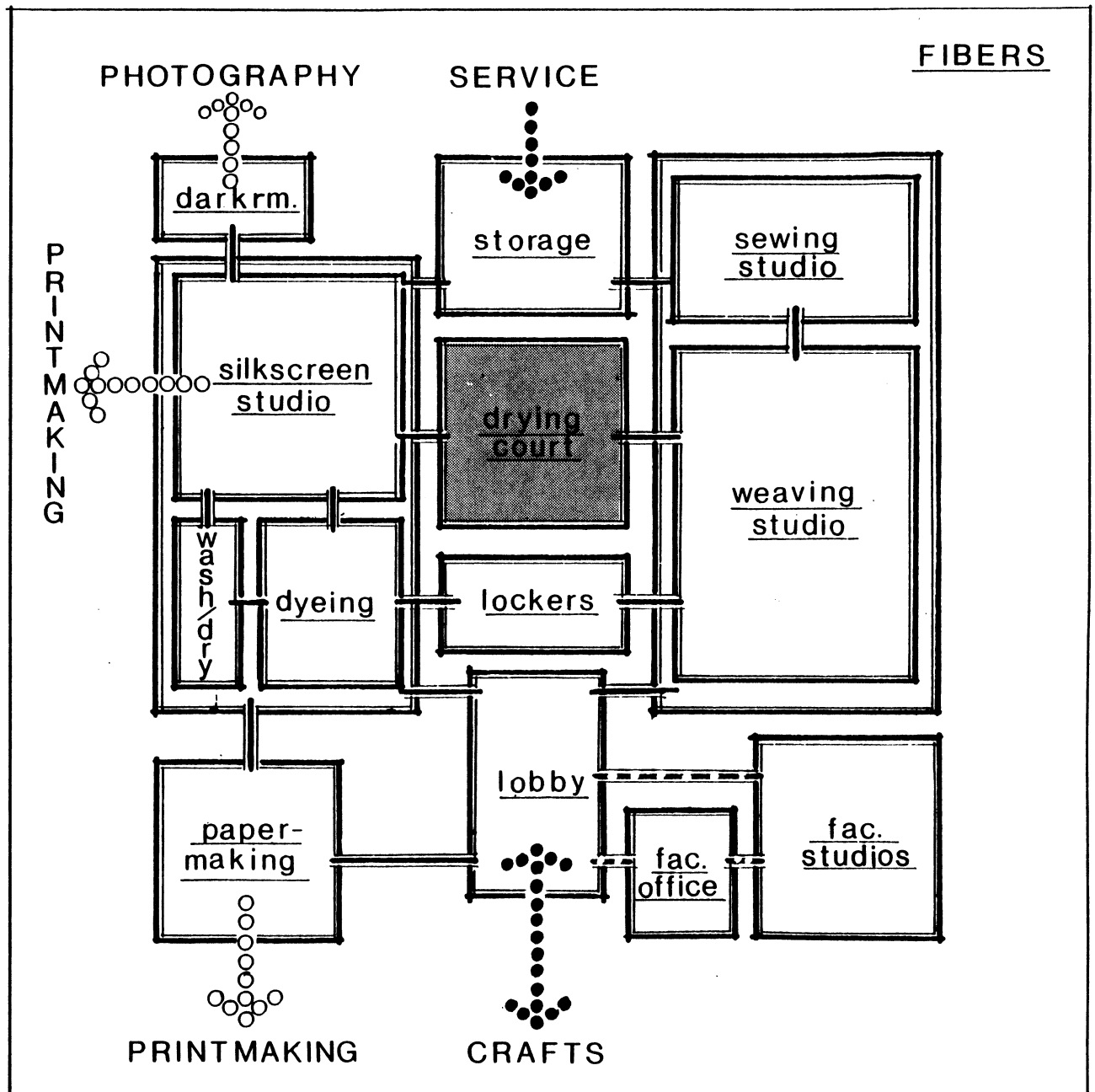
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



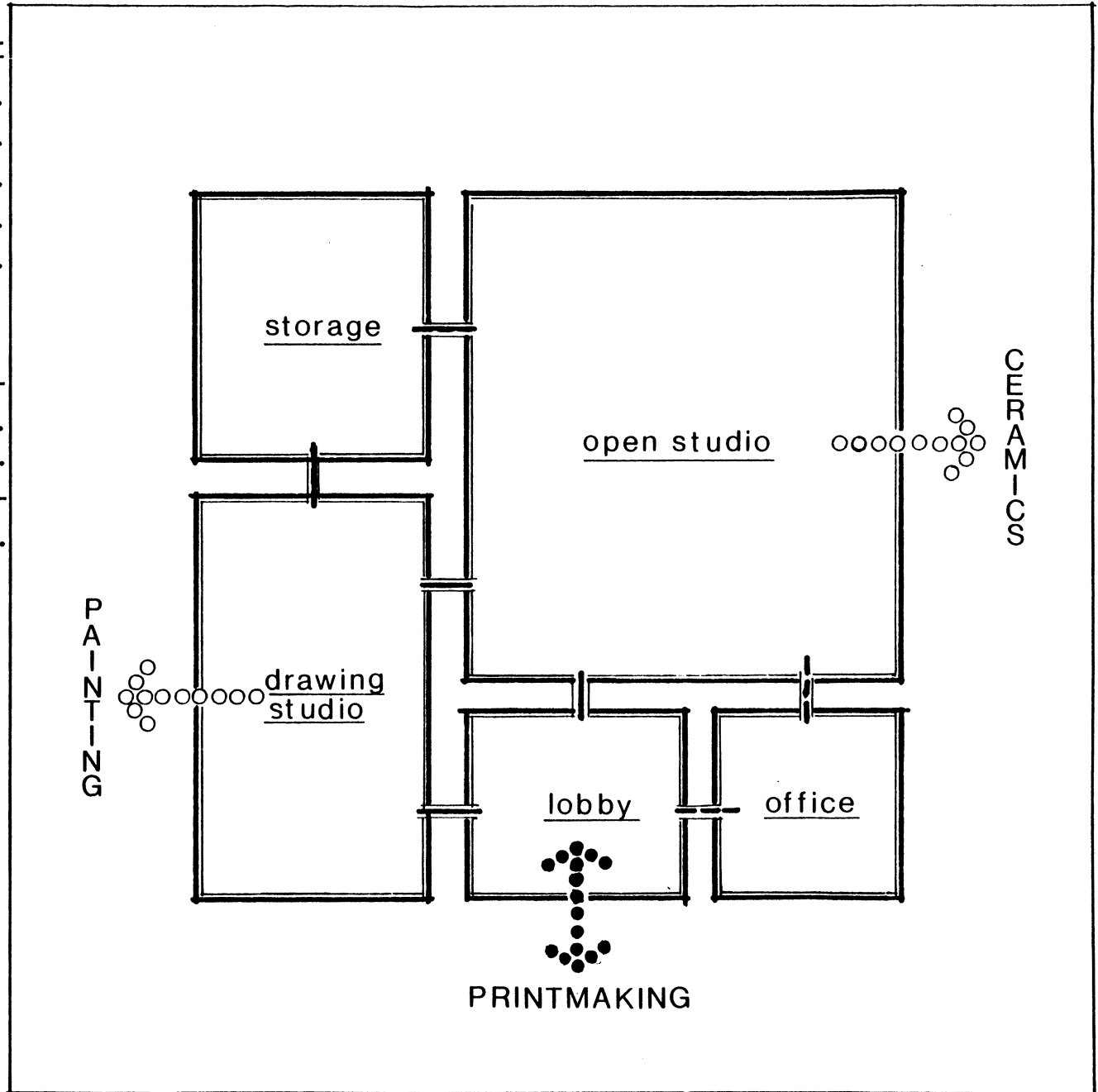
ST. LOUIS ART SPECTRUM INSTITUTE

FOUNDATIONS

Open Studio -----	4000 s.f.
Drawing Studio -----	1000 s.f.
Storage -----	300 s.f.
Lockers -----	500 s.f.
Display Office -----	200 s.f.
Faculty Offices (3) -----	---
Faculty Studios (8) -----	---

Gross -----	6000 s.f.
15% Circulation -----	900 s.f.

Total Department -----	6900 s.f.



Area:

open studio

QUANTITY:
USERS

FUNCTION

EQUIPMENT

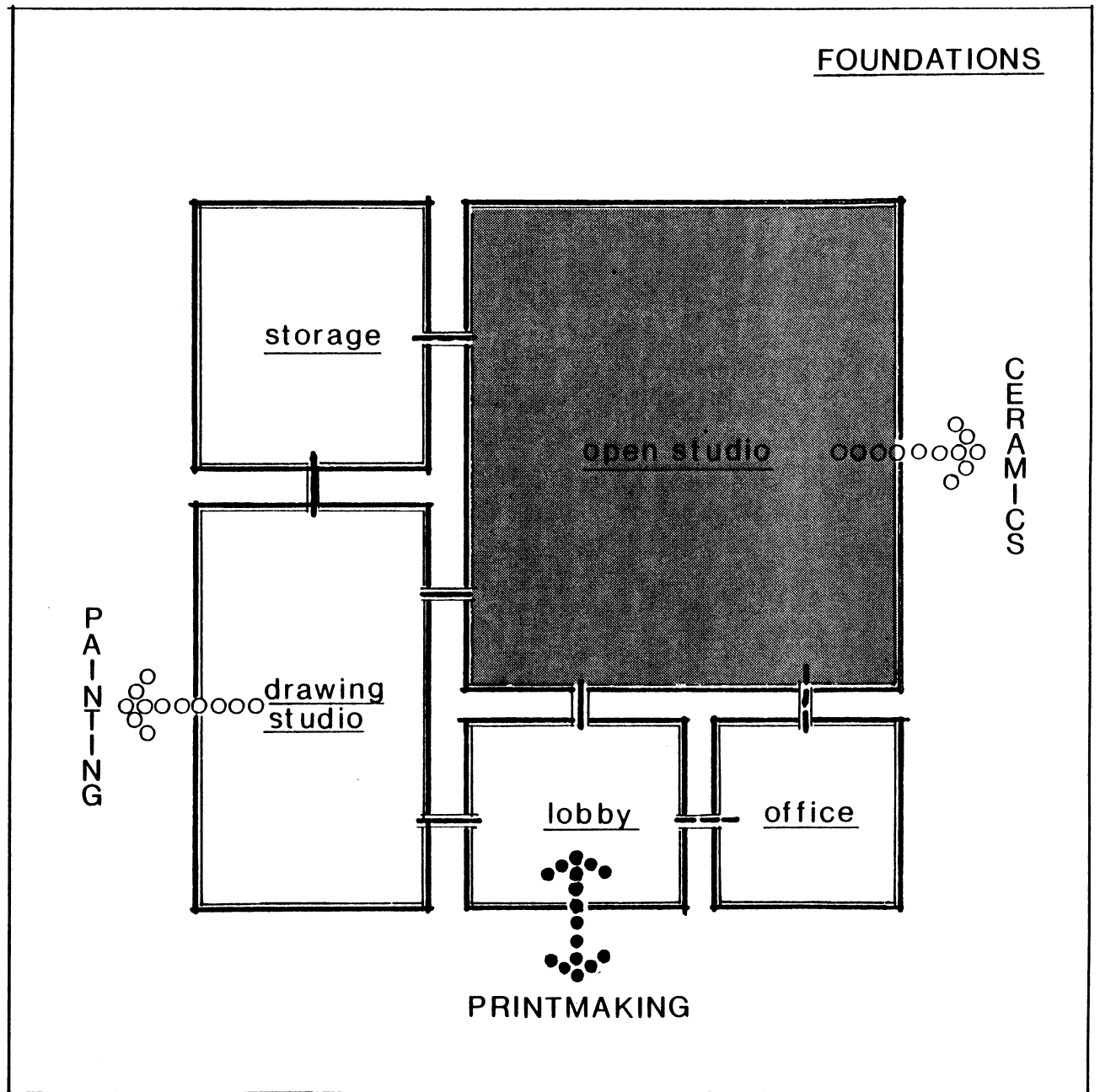
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

drawing studio

QUANTITY:
USERS

FUNCTION

EQUIPMENT

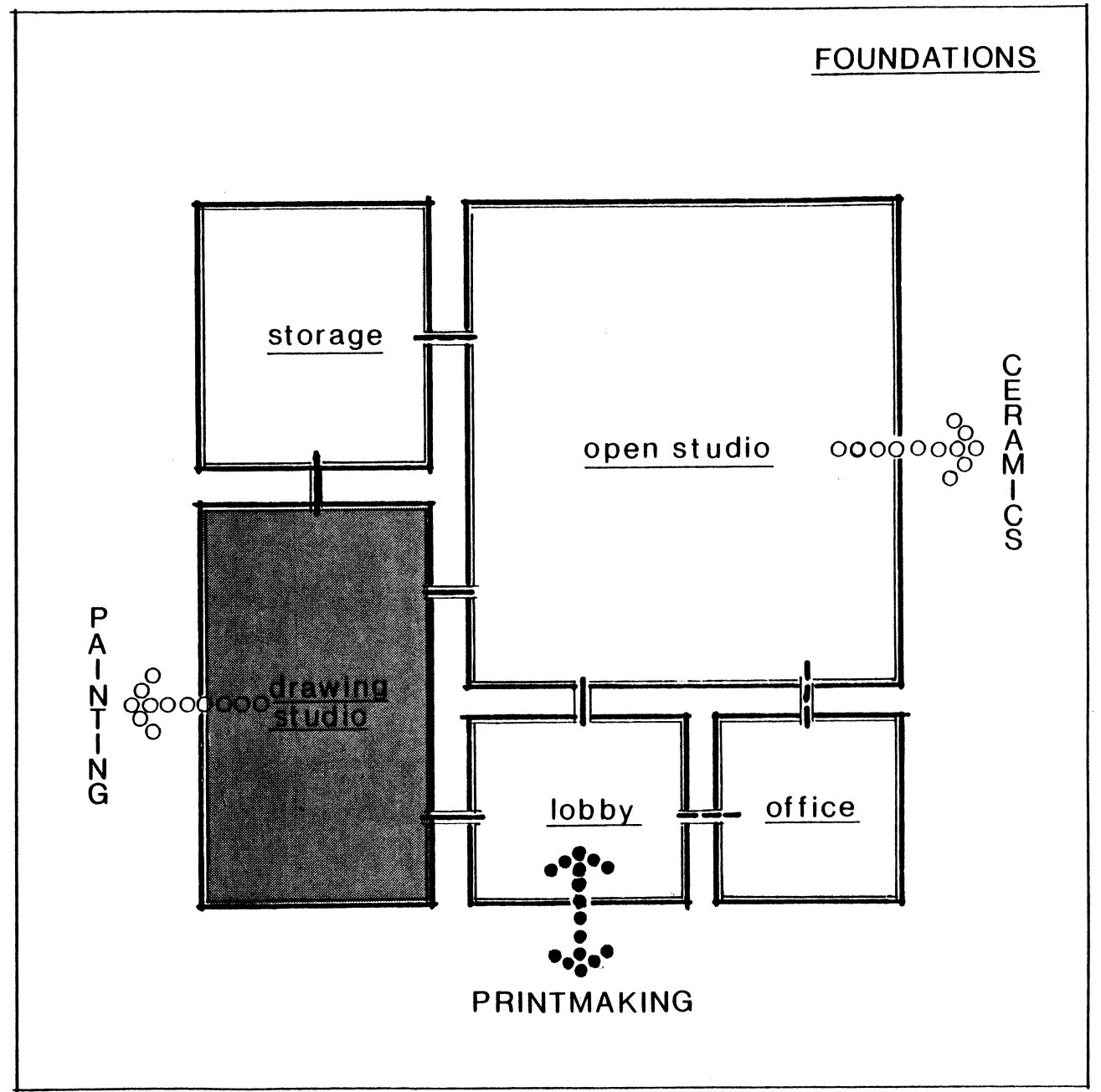
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

display office

QUANTITY :
USERS

FUNCTION

EQUIPMENT

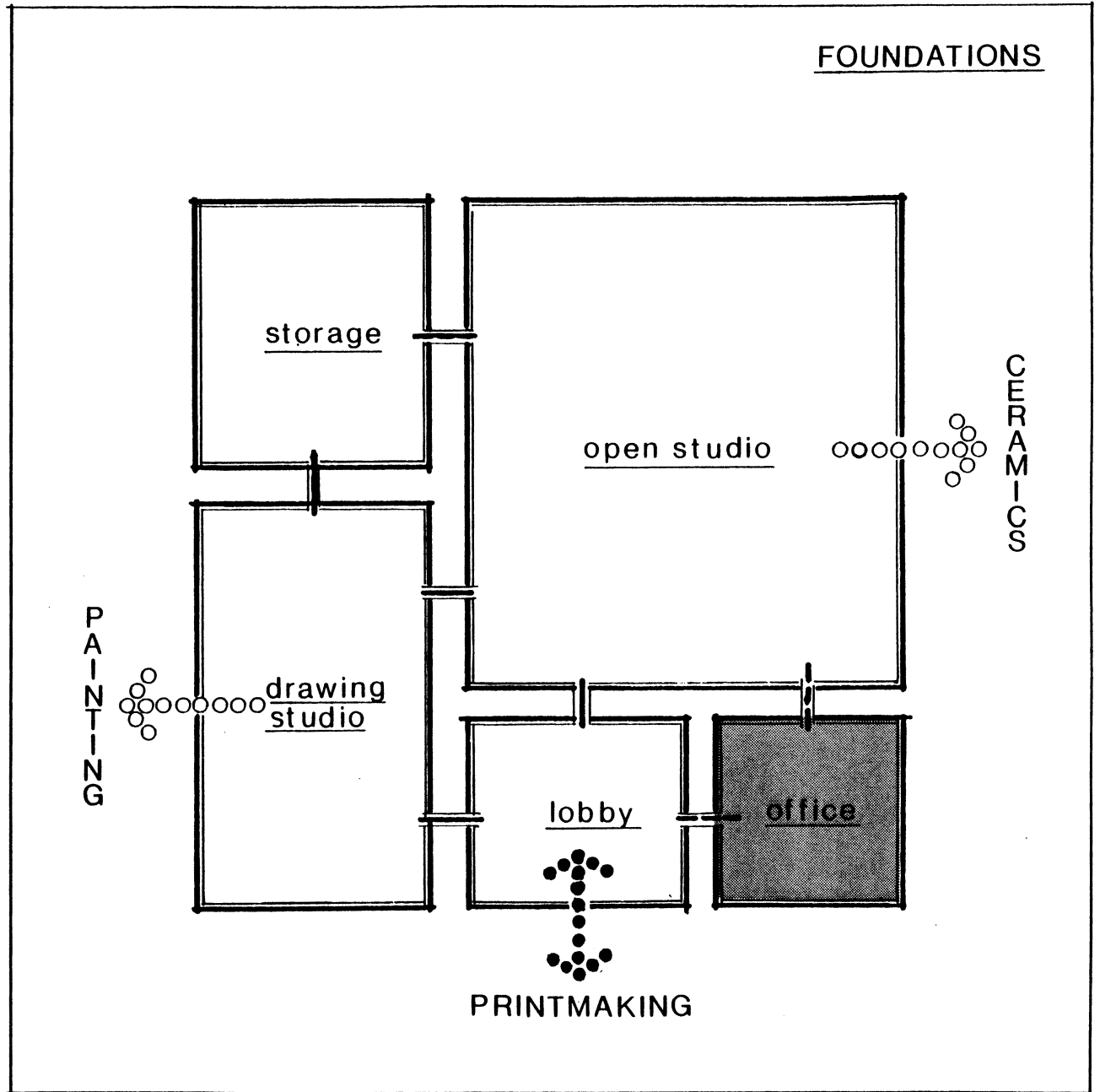
SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE

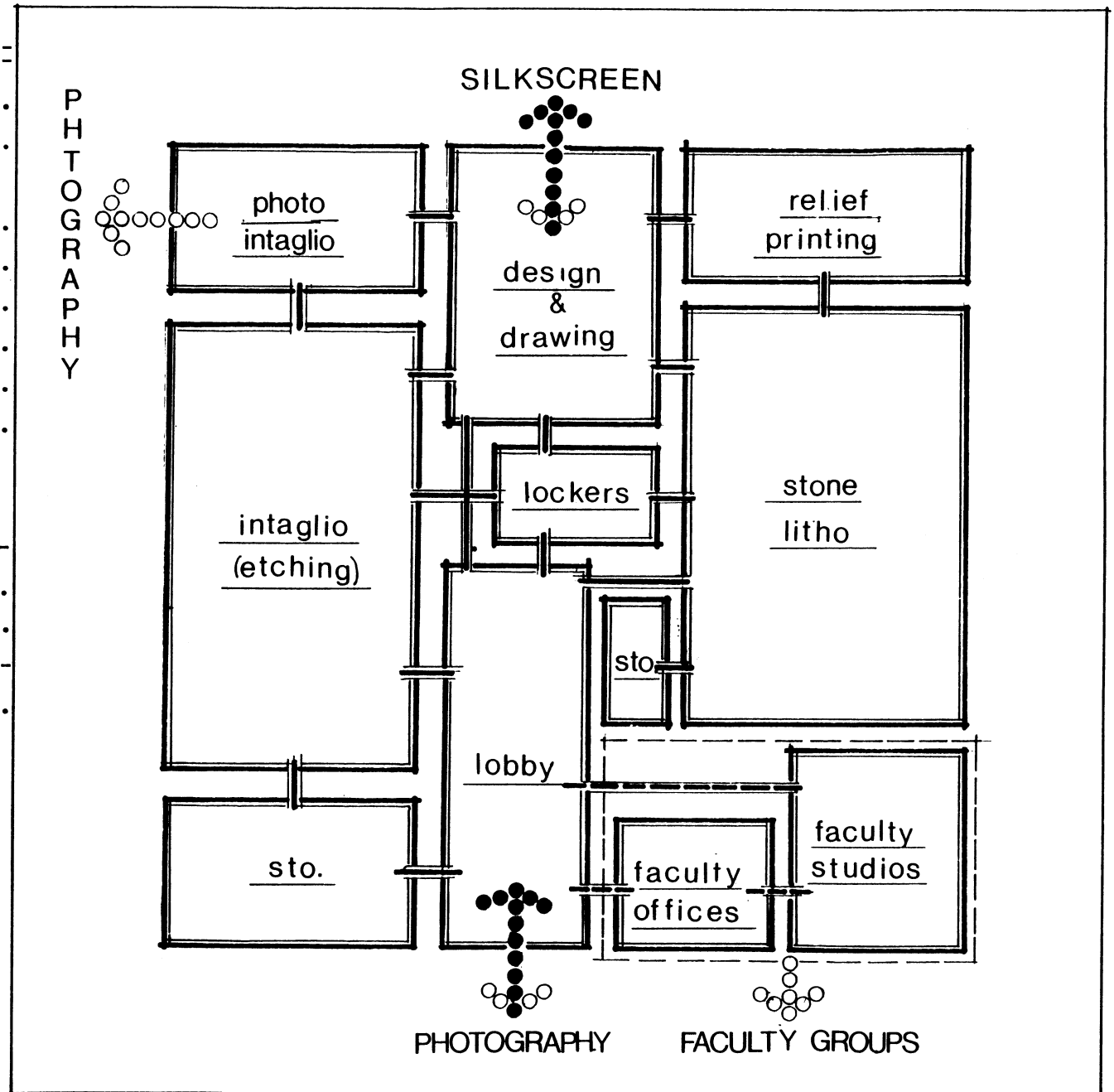
PRINTMAKING

PRINTMAKING

Design -----	600 s.f.
Drawing -----	600 s.f.
Relief Printing -----	900 s.f.
Stone Litho -----	3000 s.f.
Intaglio (Etching) -----	2000 s.f.
Photo-Intaglio -----	400 s.f.
Darkrooms -----	150 s.f.
Equipment Storage -----	600 s.f.
Lockers -----	600 s.f.
Faculty Studios (5) -----	---
Faculty Offices (6) -----	---

Gross -----	8850 s.f.
15% Circulation -----	1327 s.f.

Total Department -----	10177 s.f.



Area:

design & drawning

QUANTITY :
USERS

FUNCTION

EQUIPMENT

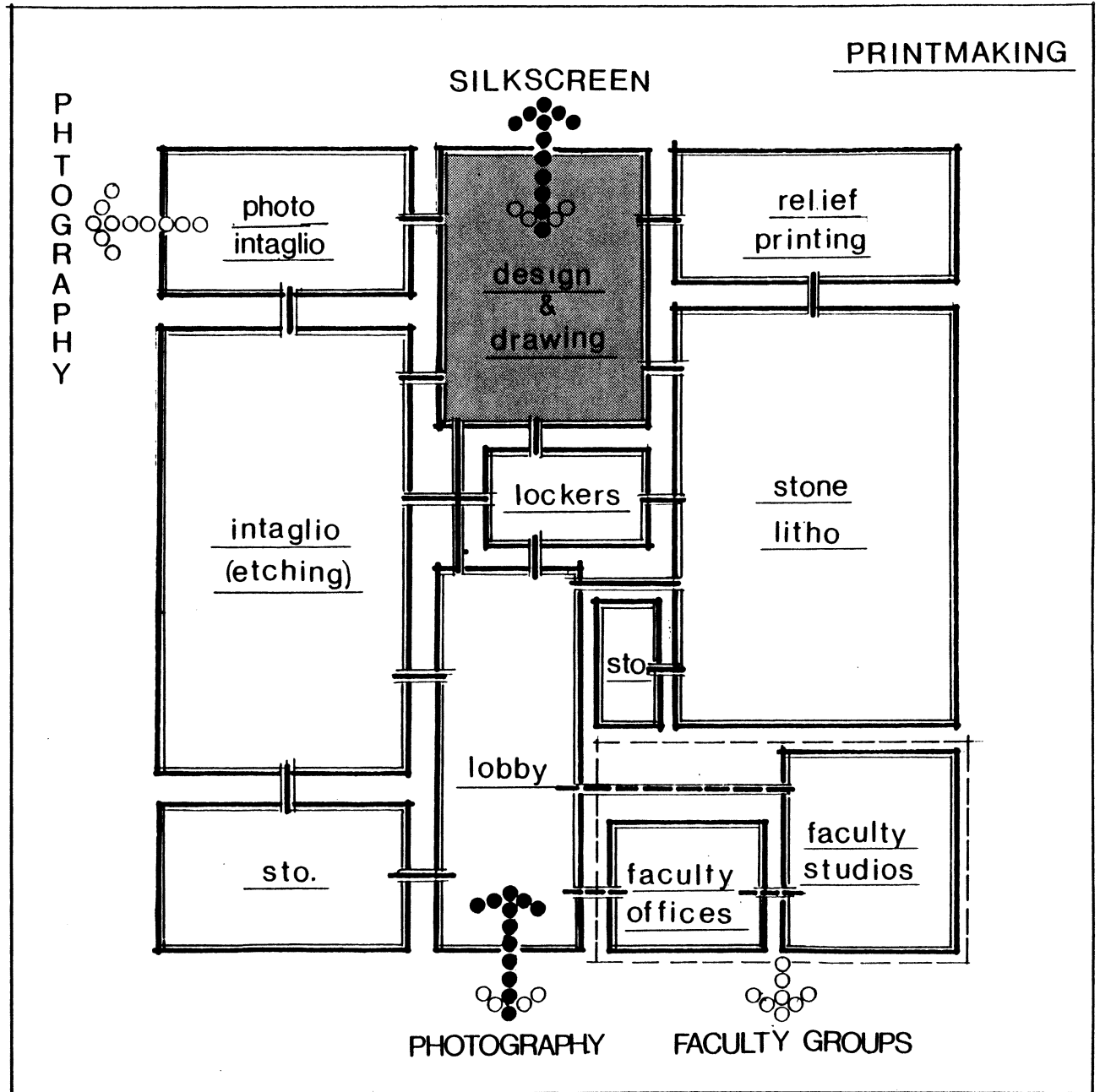
SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE

Area:

relief printing

QUANTITY :
USERS

FUNCTION

EQUIPMENT

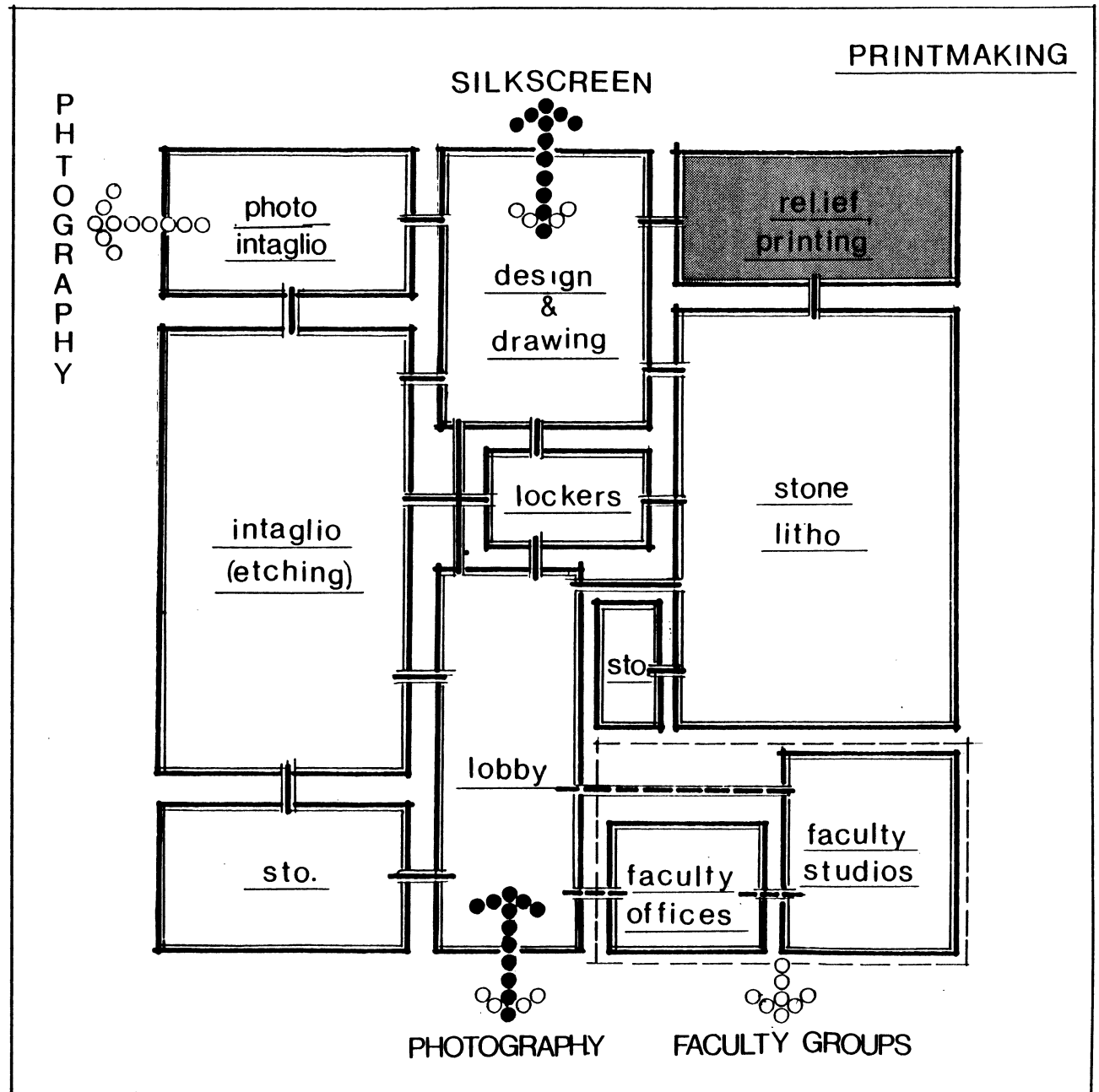
SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

stone litho

QUANTITY:
USERS

FUNCTION

EQUIPMENT

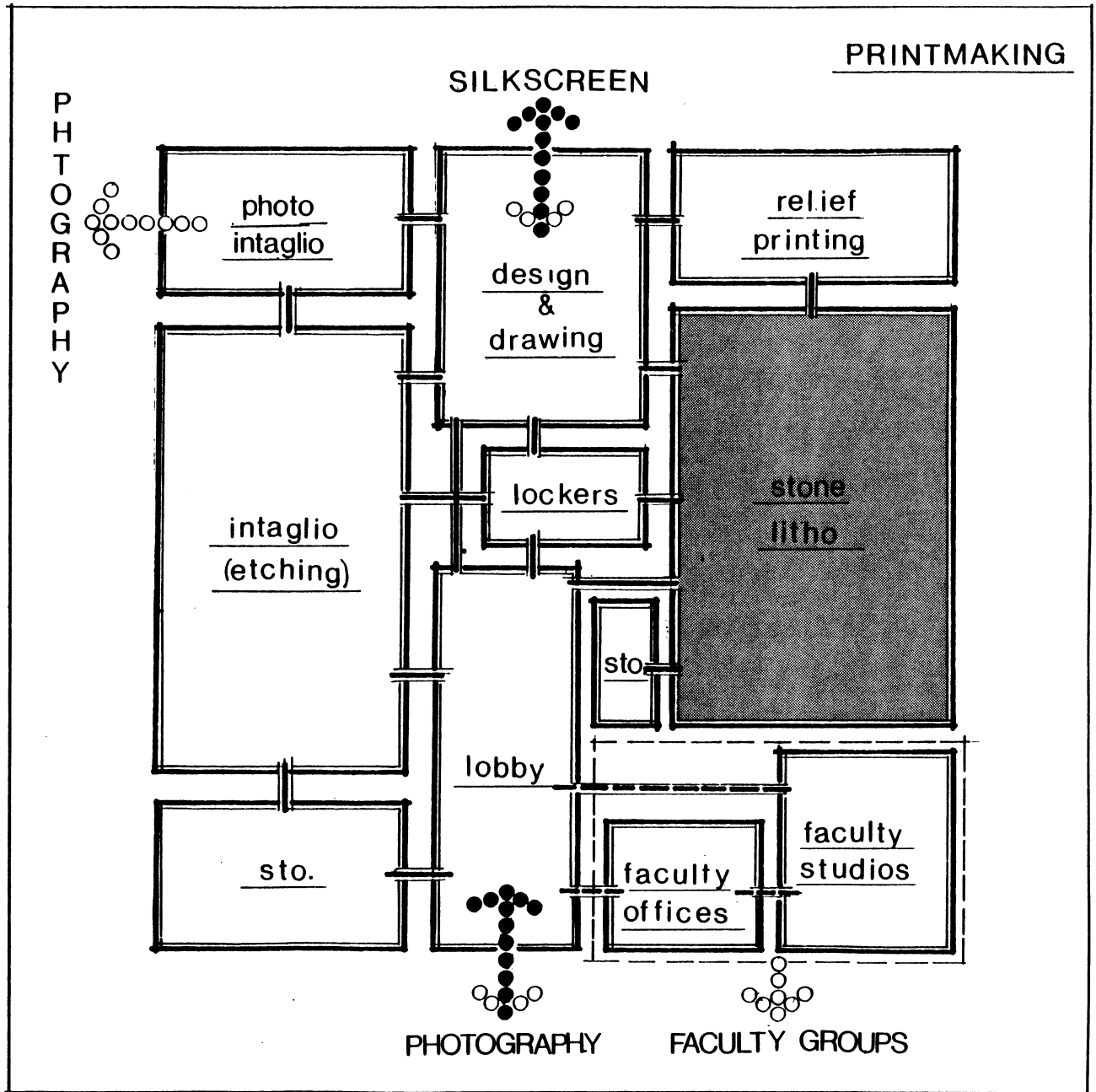
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



S T . L O U I S A R T S P E C T R U M I N S T I T U T E

Area:

intaglio etching

QUANTITY:
USERS

FUNCTION

EQUIPMENT

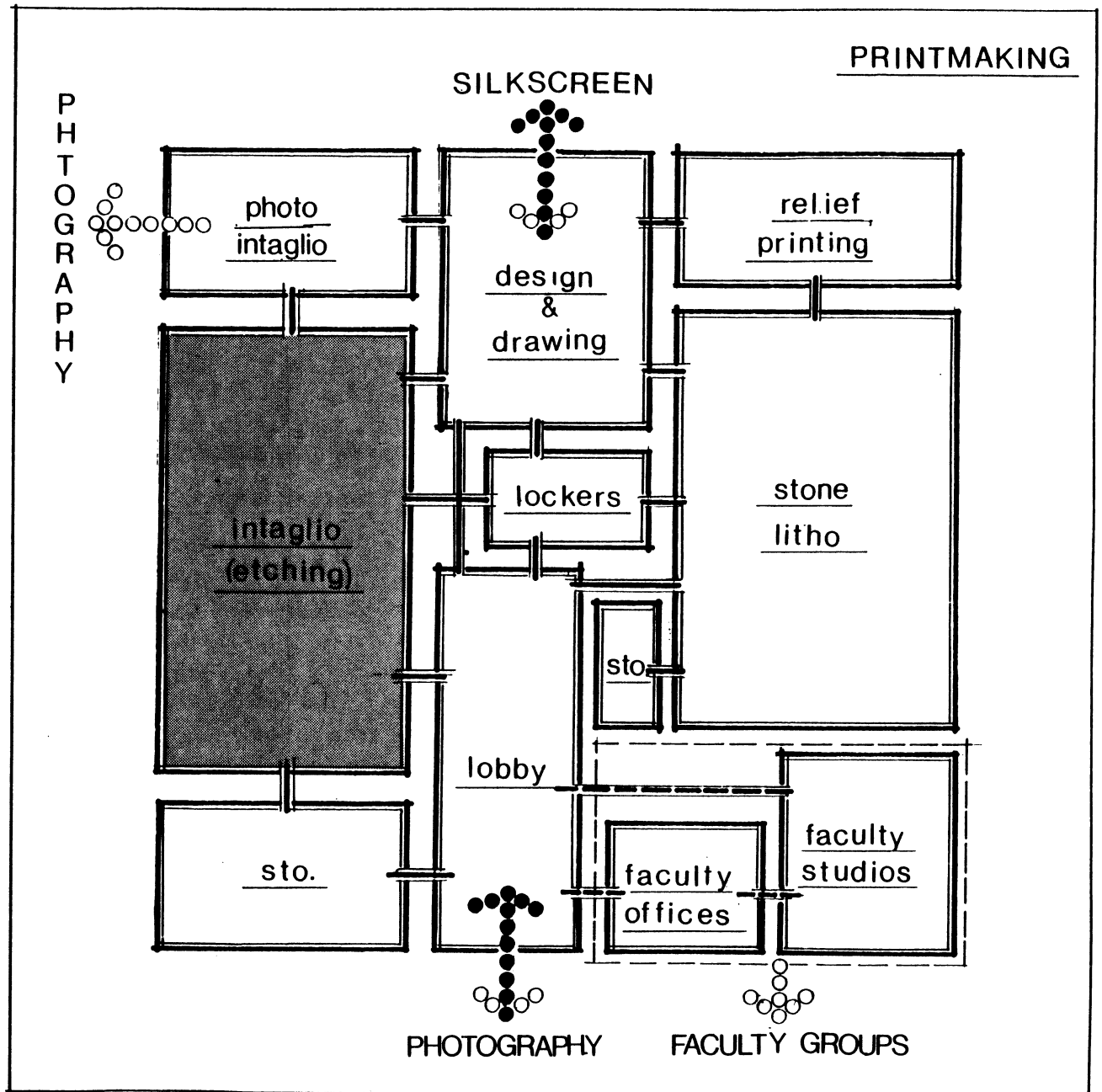
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

photo intaglio

QUANTITY:
USERS

FUNCTION

EQUIPMENT

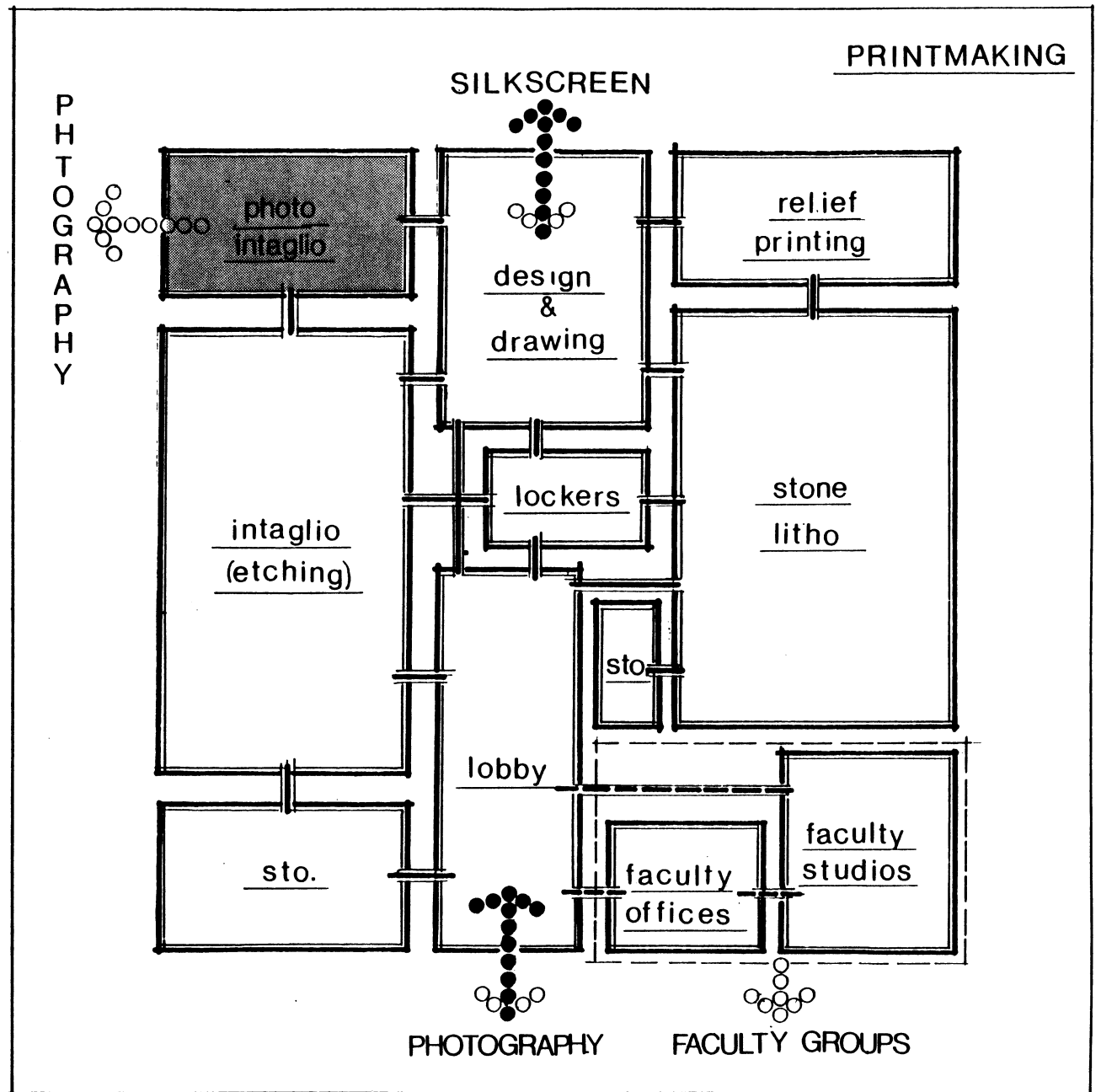
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

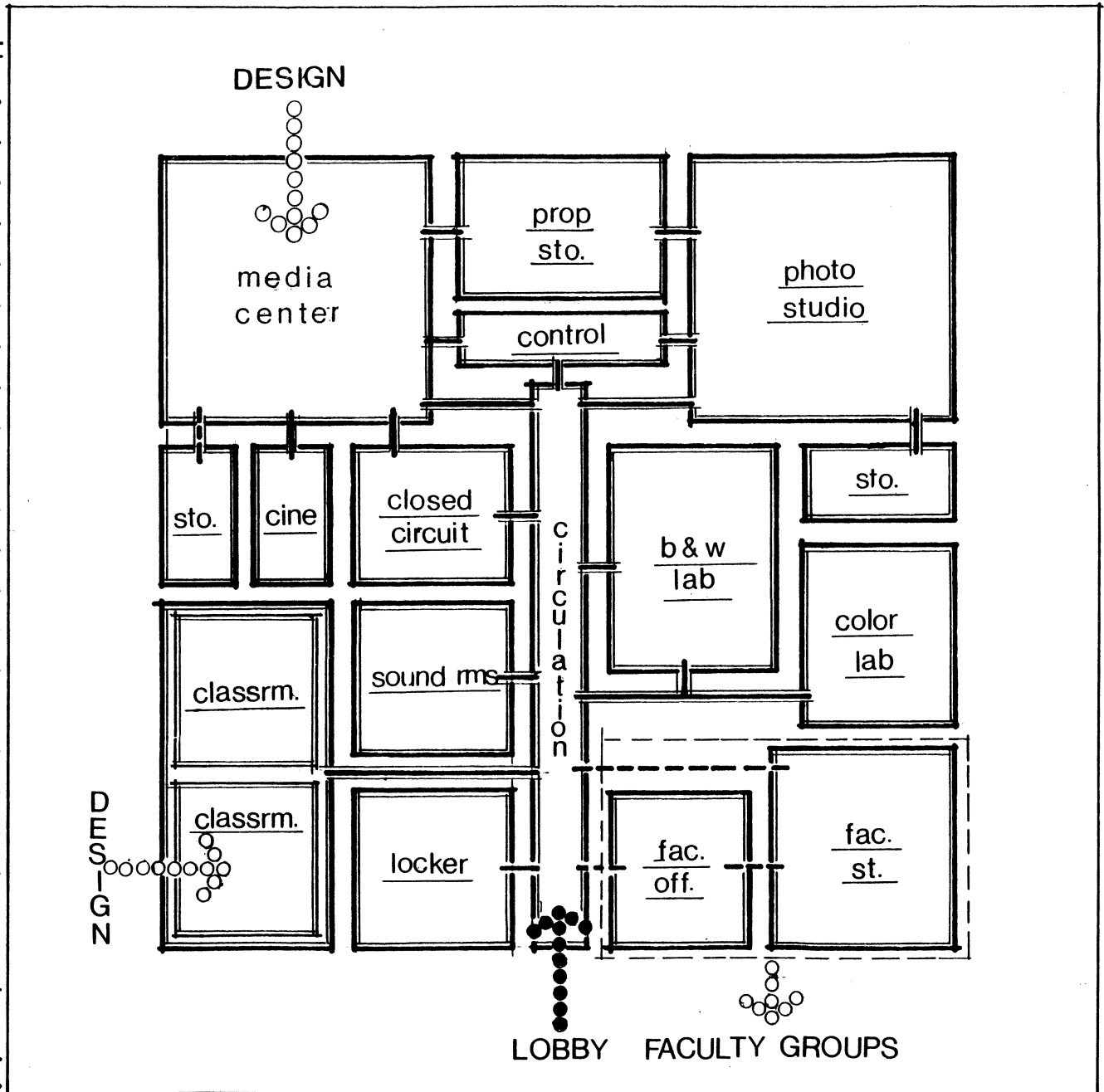
- Floor
- Walls
- Ceiling





PHOTOGRAPHY

Photo Studios 2 @ 1500	-----	3000	s.f.
Projection & Control Lab	----	150	s.f.
Prop Storage	-----	800	s.f.
Classrooms 2 @ 600	-----	1200	s.f.
Sound rooms 4 @ 200	-----	800	s.f.
Cinematographic Lab	-----	300	s.f.
Equipment Storage	-----	400	s.f.
Closed Circuit Lab	-----	500	s.f.
Large Format Camera Lab	----	150	s.f.
B & W Labs			
Film Processing 2 @ 200	--	400	s.f.
Darkrooms 2 @ 700	-----	1400	s.f.
Wash & Dry 2 @ 170	-----	340	s.f.
Chemical Storage	-----	100	s.f.
Chemical Mixing	-----	100	s.f.
Color Labs			
Film Processing	-----	100	s.f.
Wash & Dry	-----	200	s.f.
Darkroom	-----	400	s.f.
Chemical Storage & Mixing	-----	230	s.f.
Faculty Offices (5)	-----	---	
Faculty Studios (6)	-----	---	
<hr/>			
Gross	-----	10620	s.f.
15% Circulation	-----	1593	s.f.
Total Department	-----	12213	s.f.



Area:

media center

QUANTITY :
USERS

FUNCTION

EQUIPMENT

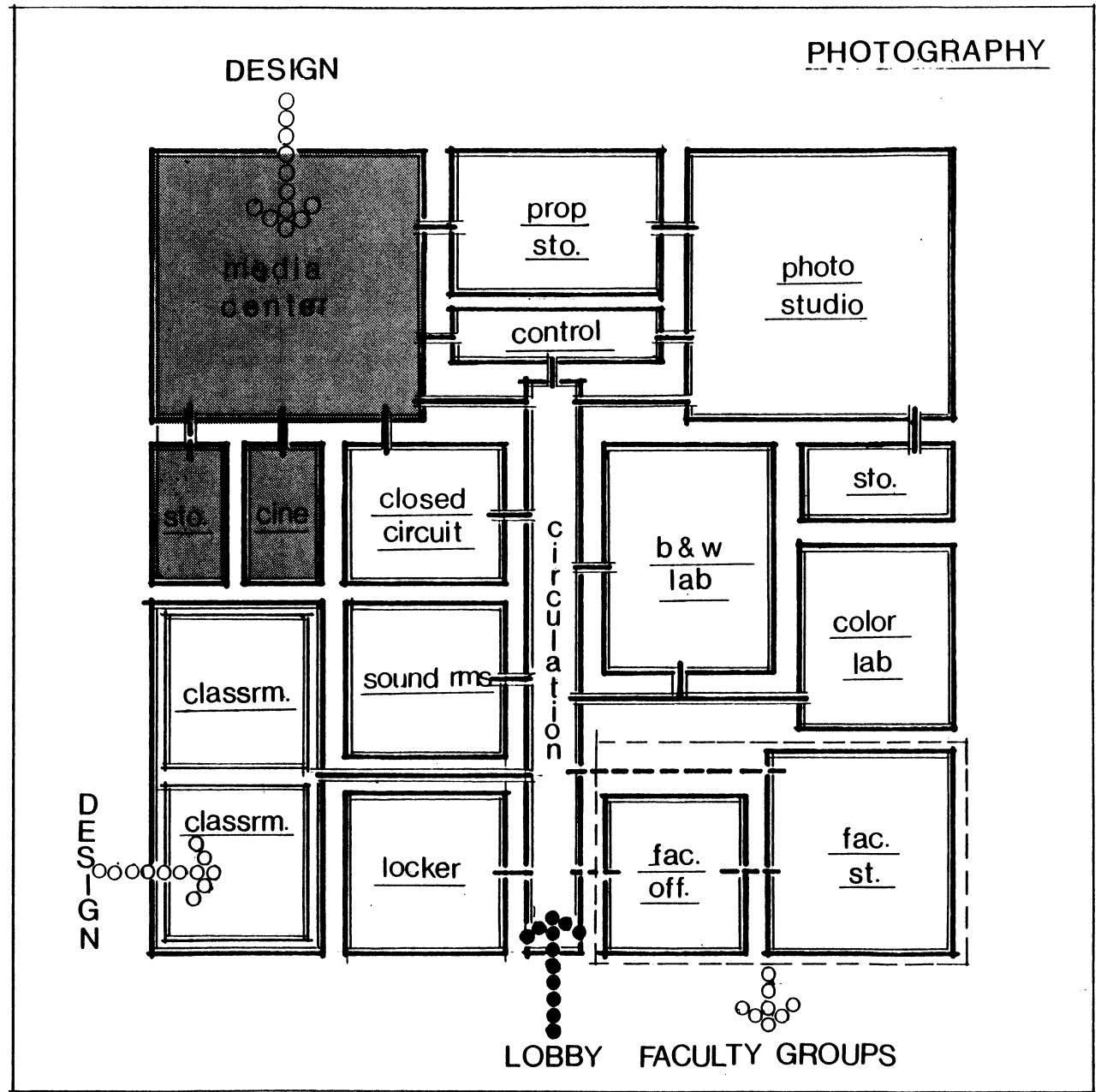
SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE

Area:

photo studios

QUANTITY:
USERS

FUNCTION

EQUIPMENT

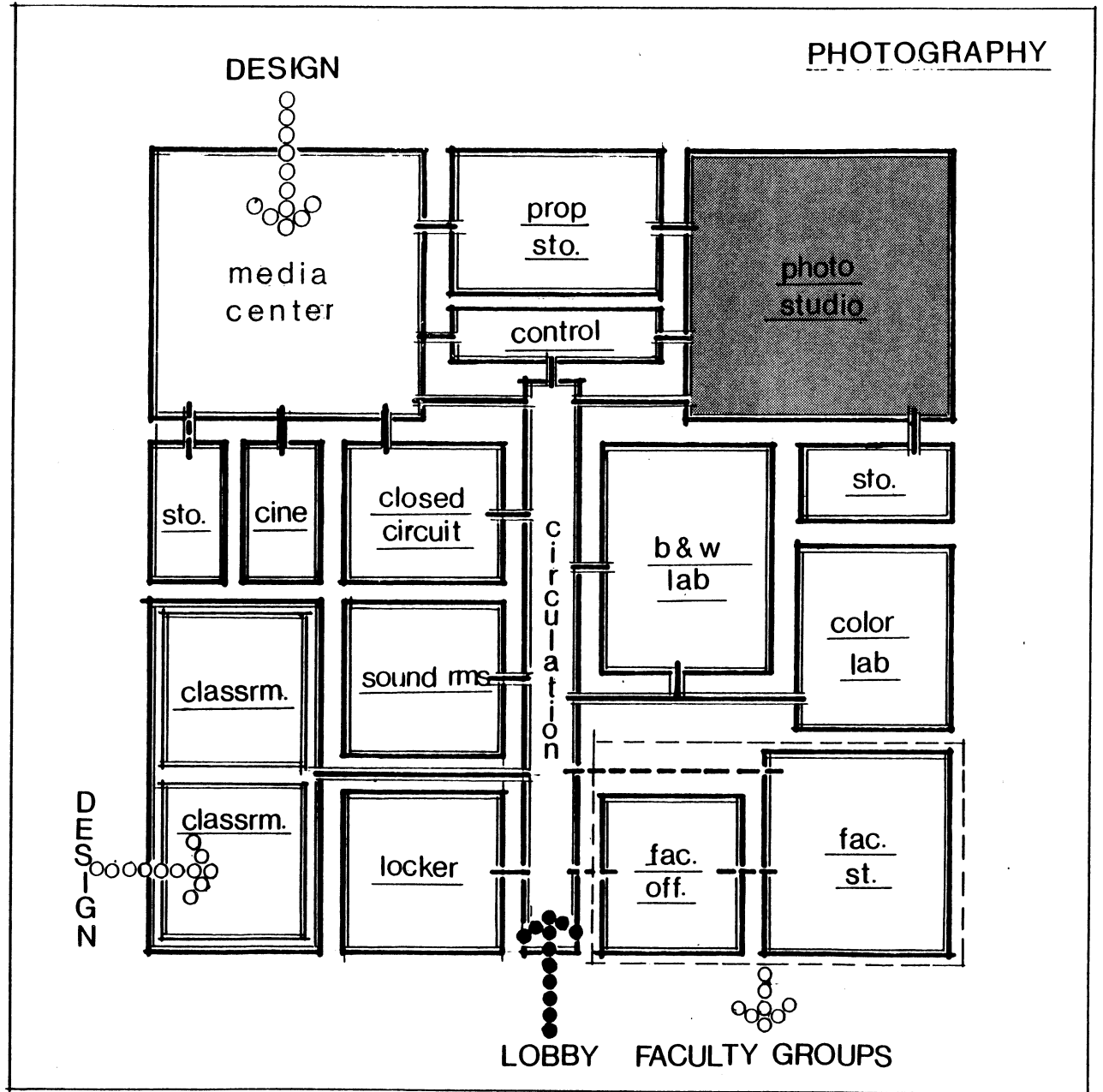
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE

Area:

projection & control lab

QUANTITY:
USERS

FUNCTION

EQUIPMENT

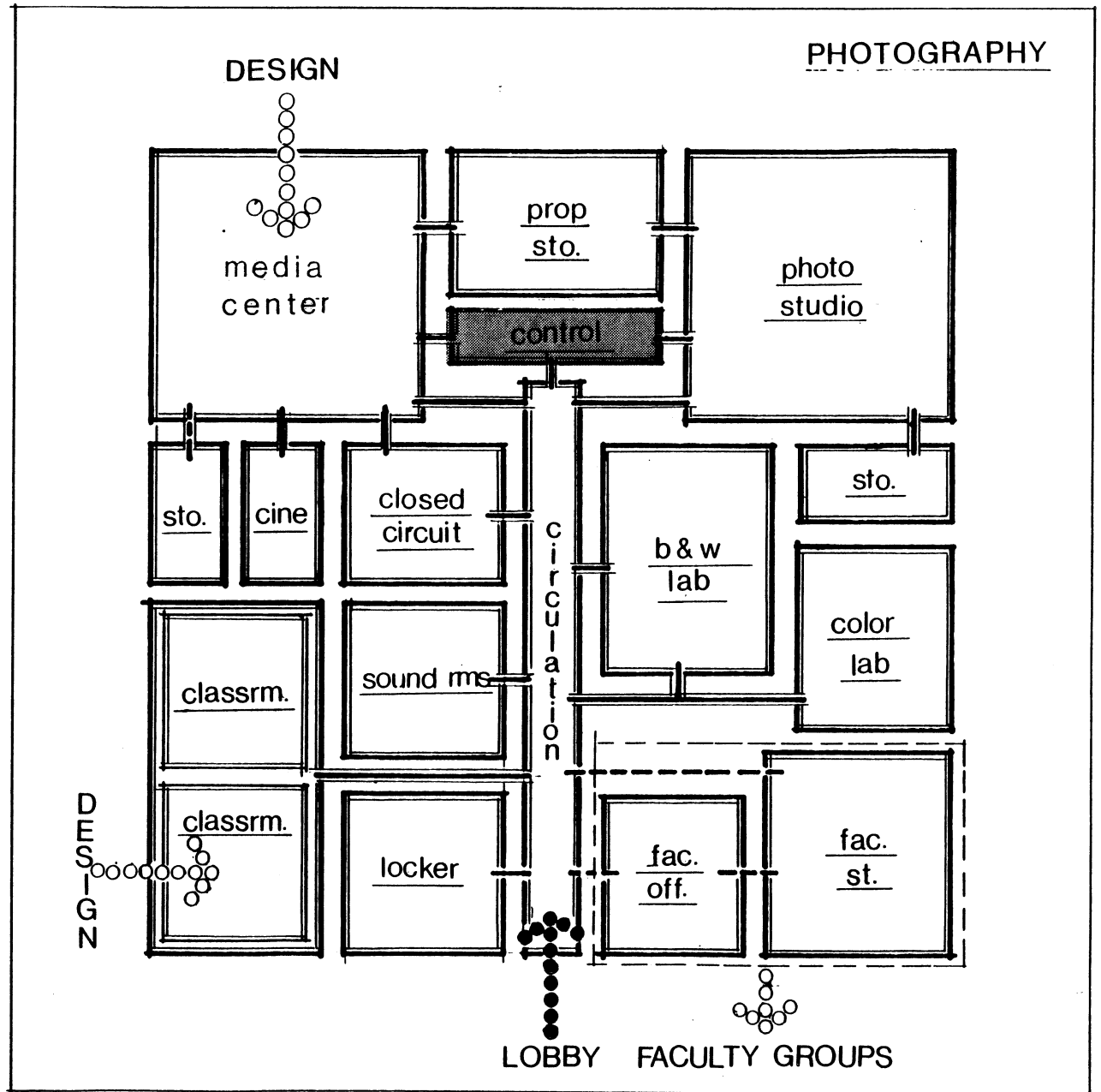
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

sound rooms

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

-Security

-H.V.A.C.

-Plumbing

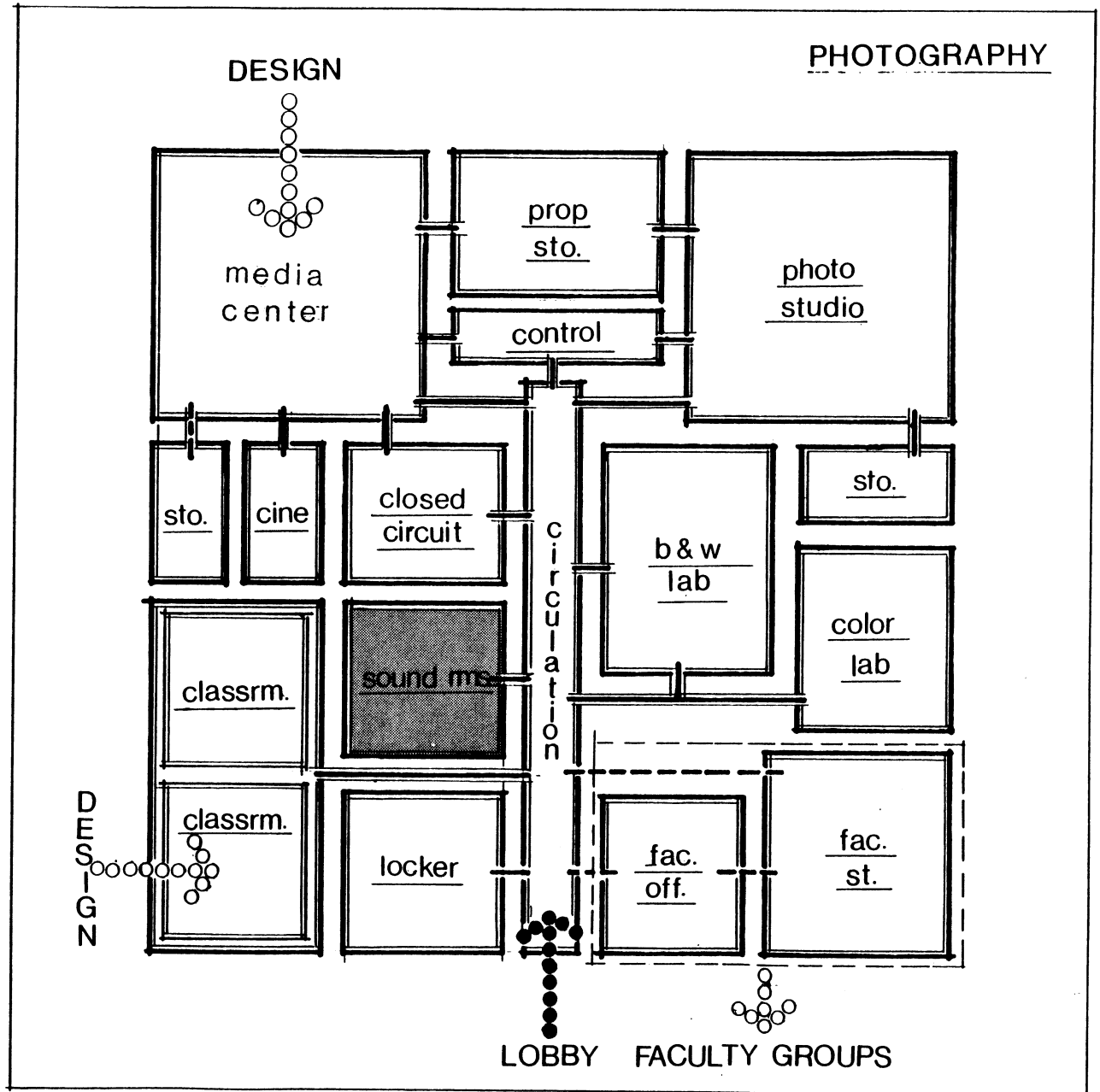
-Lighting

FINISHES

-Floor

-Walls

-Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE

Area:

closed circuit lab

QUANTITY:
USERS

FUNCTION

EQUIPMENT

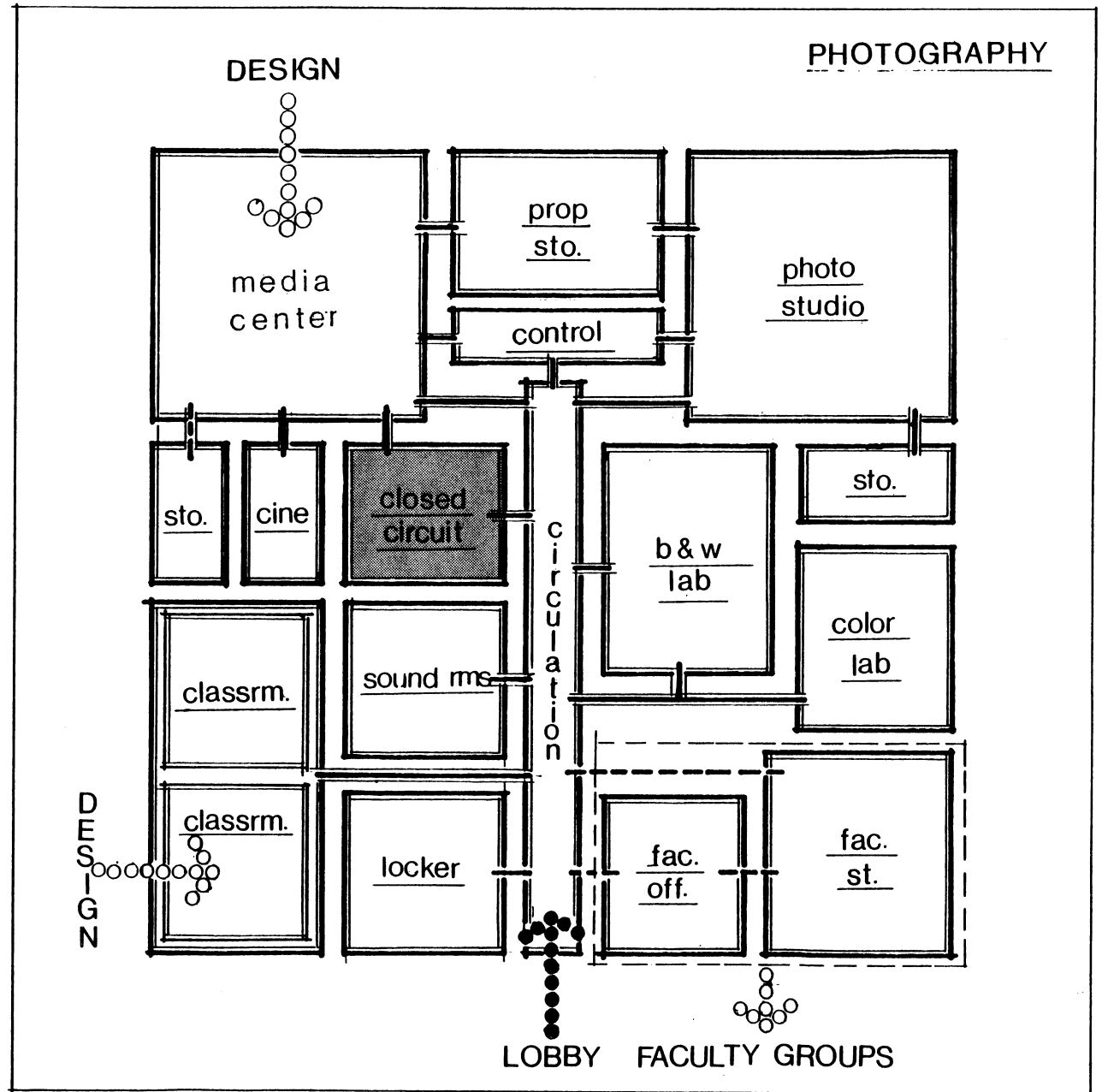
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE

Area:

b & w labs

QUANTITY:
USERS

FUNCTION

EQUIPMENT

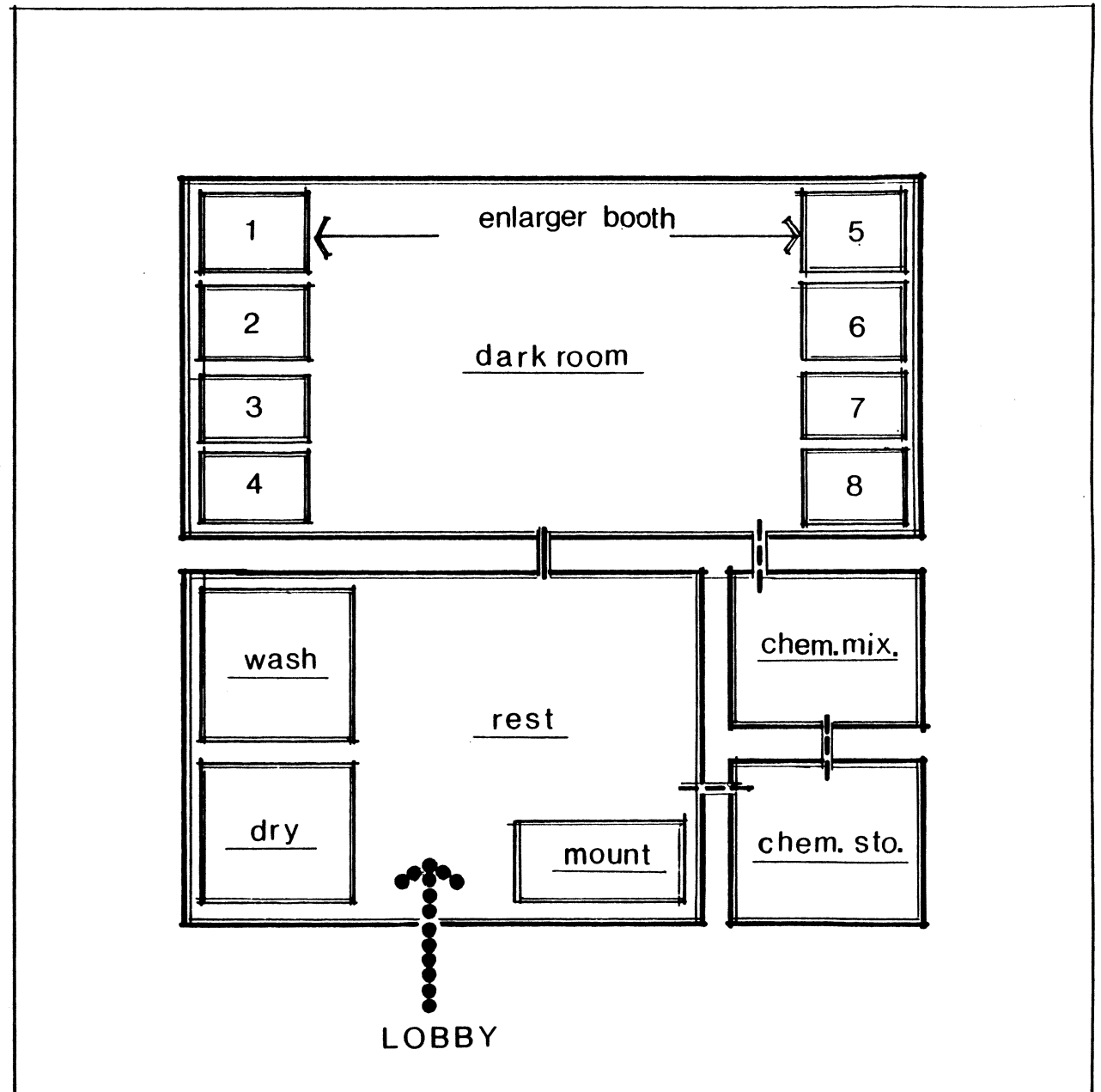
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE

Area:

color labs

QUANTITY :
USERS

FUNCTION

EQUIPMENT

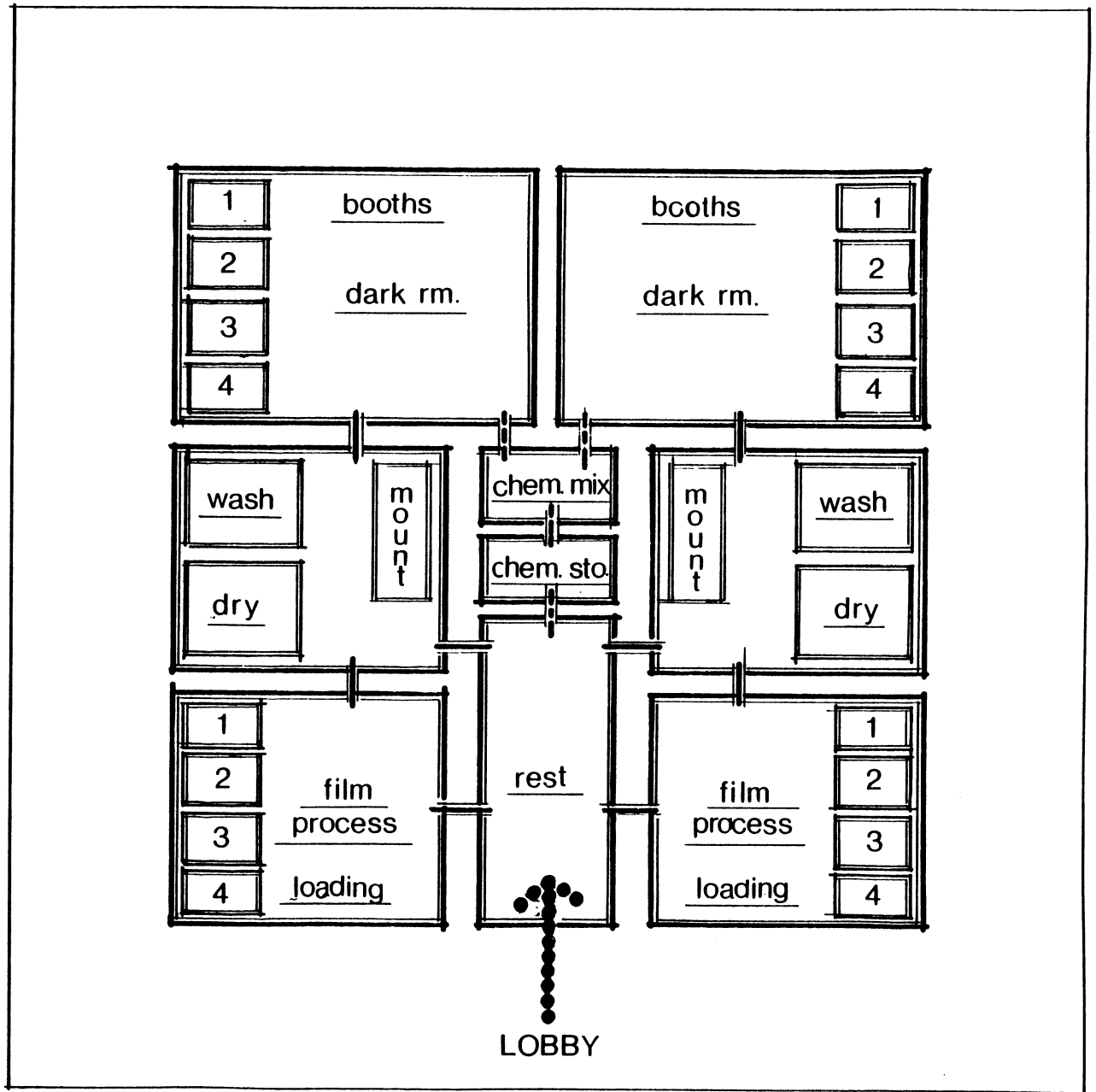
SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling

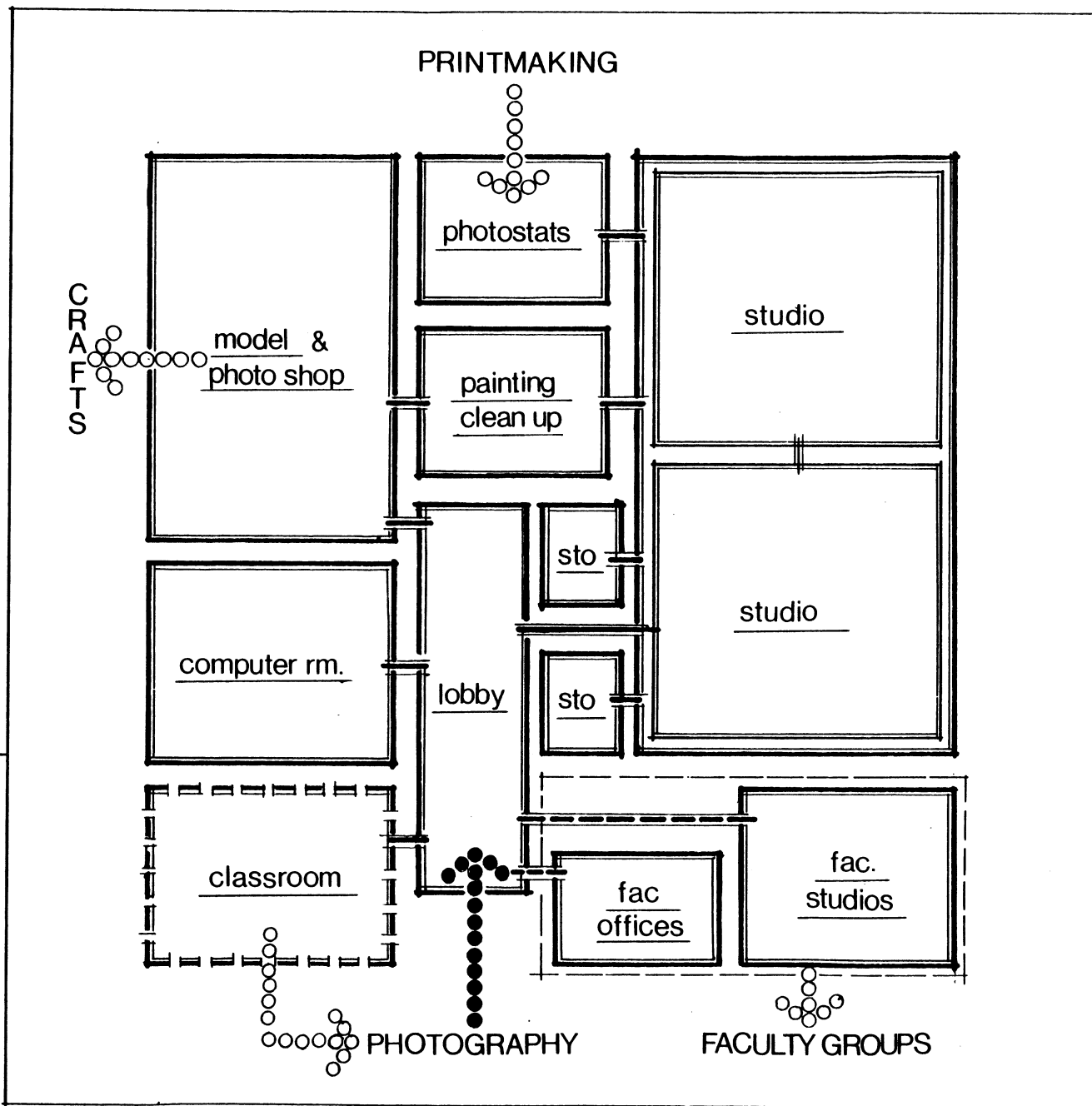


DESIGN

Classroom -----	600 s.f.
2 Open Studios @ 1600 s.f. -	3200 s.f.
Clean-up Area -----	400 s.f.
Painting Booth -----	70 s.f.
Photostat Room -----	200 s.f.
Locker Area -----	400 s.f.
Film Storage -----	70 s.f.
Studio Storage 2 @ 200 -----	400 s.f.
Model & Photo Shop -----	1200 s.f.
Computer Room -----	1000 s.f.
Faculty Offices (8) -----	-----
Faculty Studios (8) -----	-----
Equipment Storage -----	1500 s.f.

Gross -----	9040 s.f.
15% Circulation -----	1356 s.f.

Total Department -----	10396 s.f.



Area:

open studios

QUANTITY:
USERS

FUNCTION

EQUIPMENT

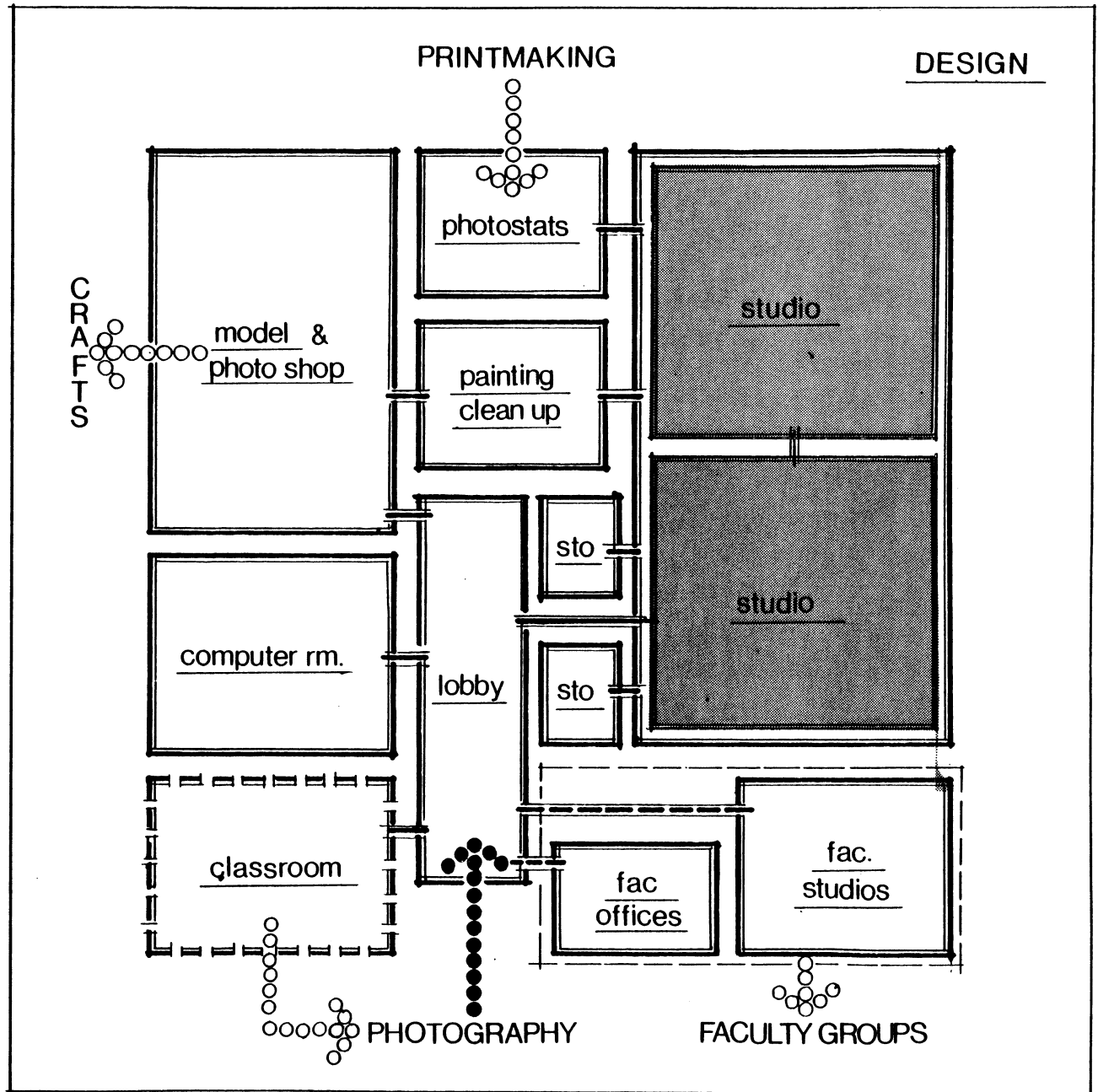
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



S T . L O U I S A R T S P E C T R U M I N S T I T U T E

Area:

clean-up area

QUANTITY:
USERS

FUNCTION

EQUIPMENT

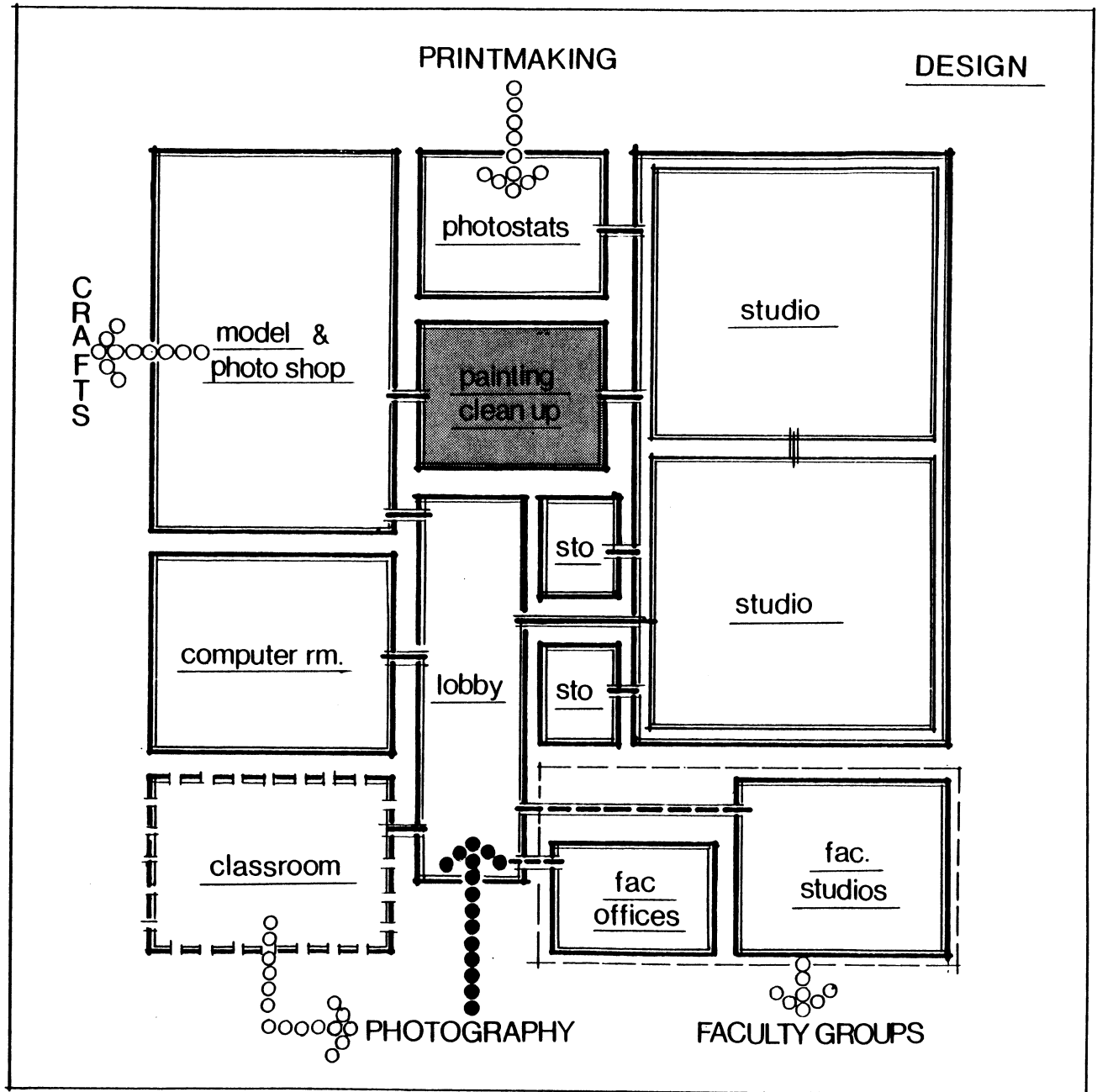
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE

Area:

photostat room

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

- Security

- H.V.A.C.

- Plumbing

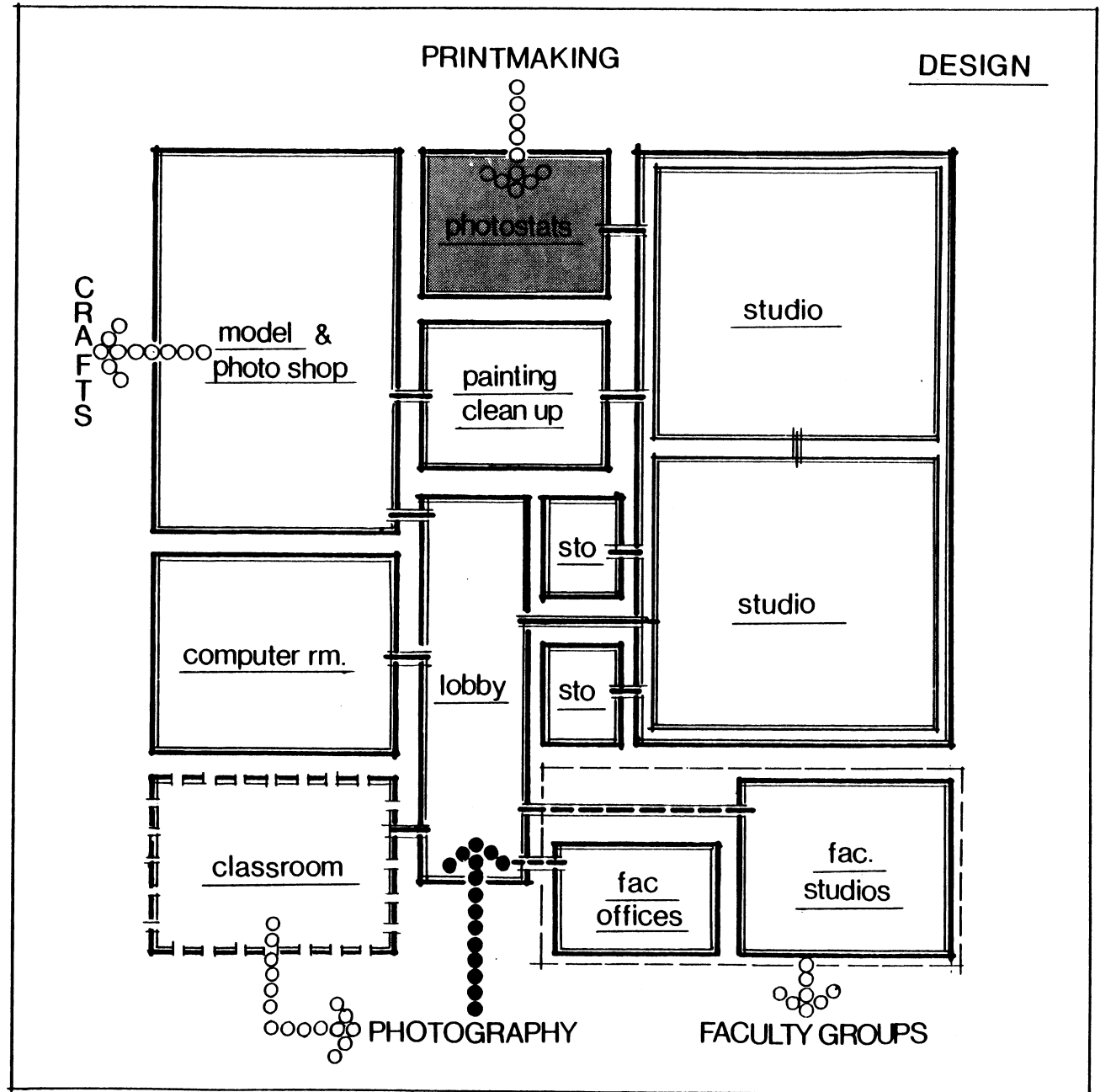
- Lighting

FINISHES

- Floor

- Walls

- Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE

Area:

model photo shop

QUANTITY:
USERS

FUNCTION

EQUIPMENT

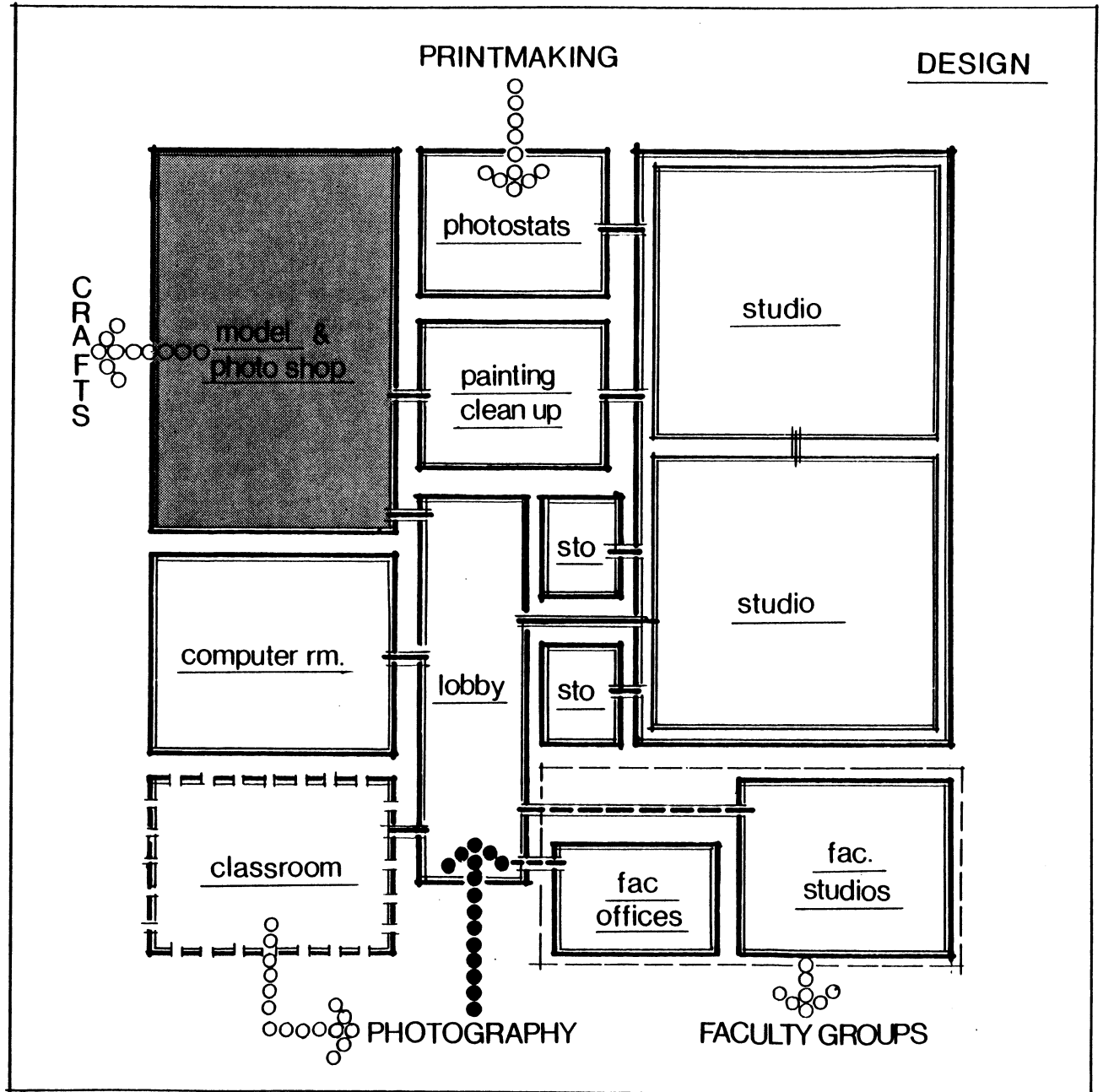
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

computer rm.

QUANTITY:
USERS

FUNCTION

EQUIPMENT

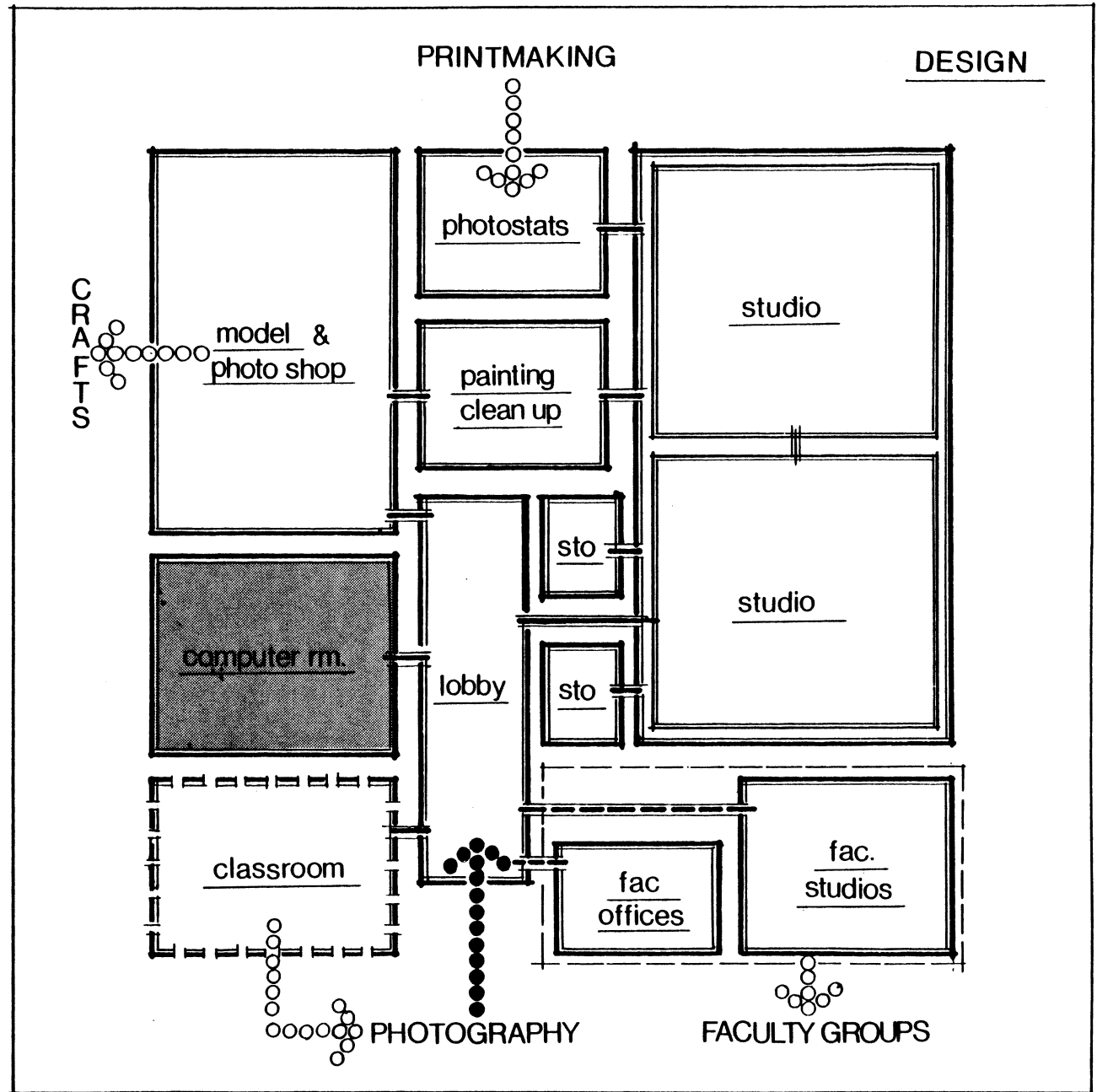
SPECIAL CONSIDERATIONS

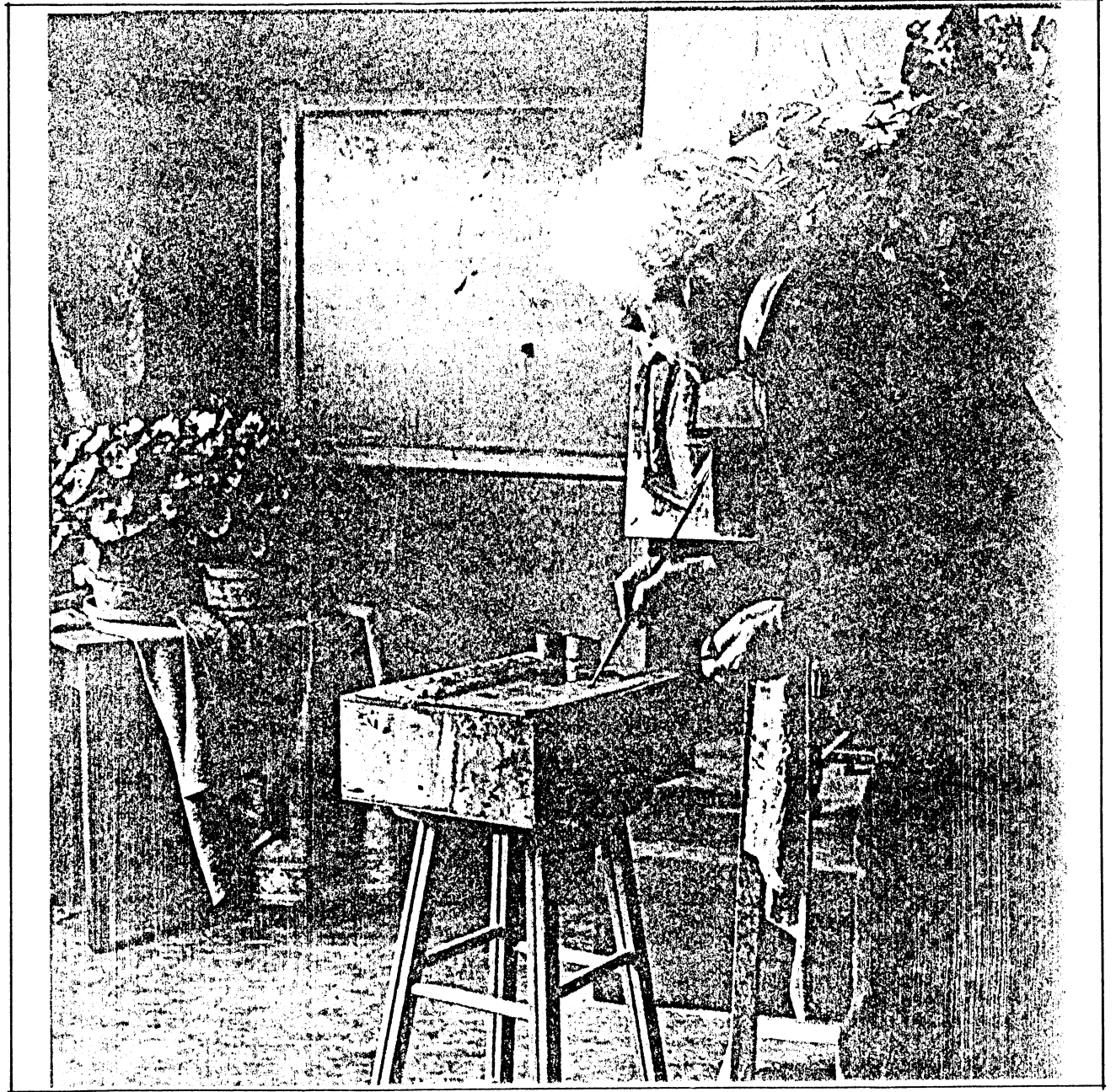
SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling





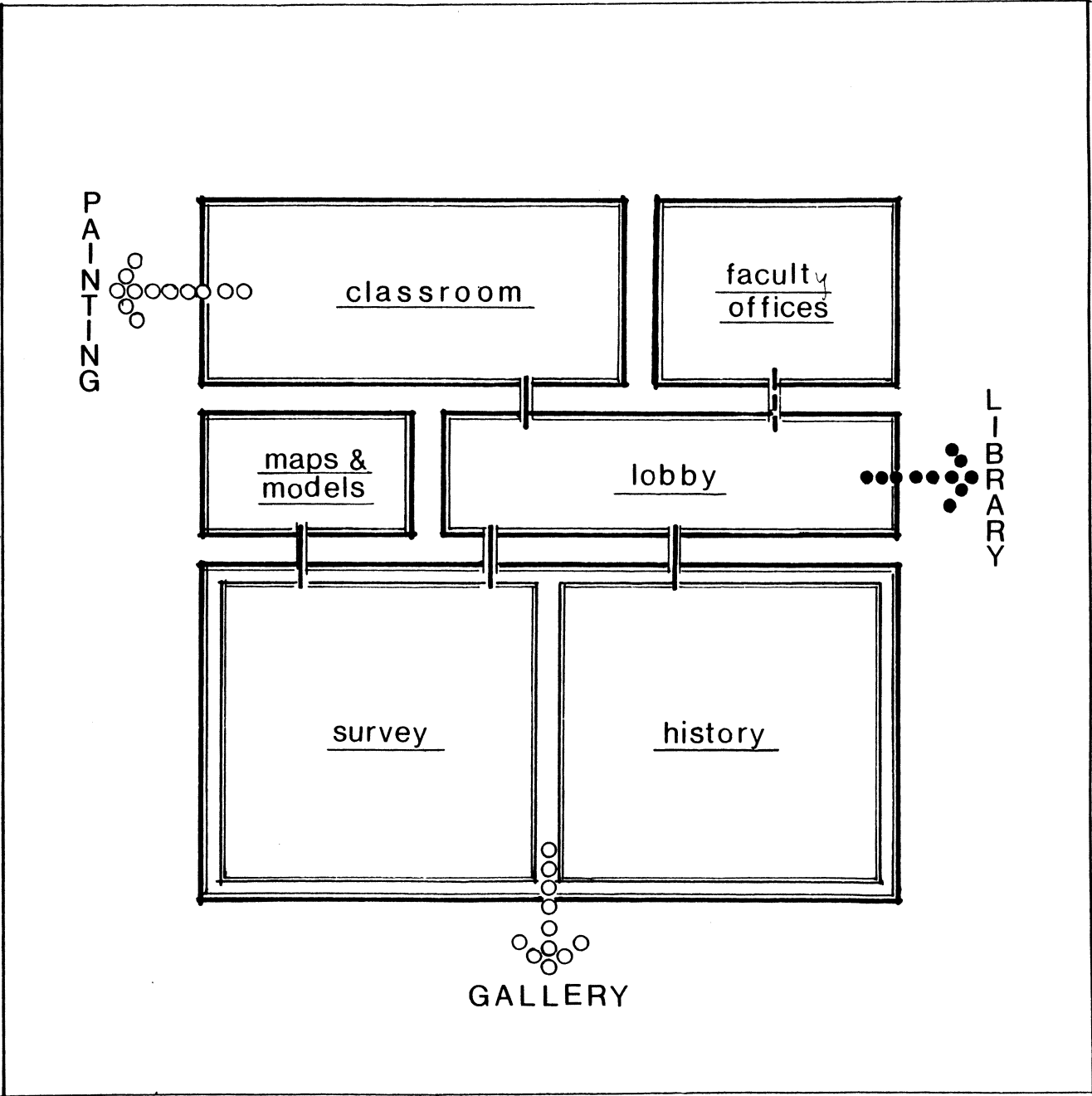
LIBERAL ARTS

LIBERAL ARTS

Classrooms 2 @ 600	-----	1200 s.f.
Art Survey	-----	300 s.f.
Art History Lab	-----	800 s.f.
Map & Model Room	-----	100 s.f.
Equipment Storage	-----	400 s.f.
Audiovisual Lab	-----	600 s.f.
Faculty Offices (9)	-----	---
Faculty Studios (4)	-----	---

Gross	-----	3900 s.f.
15% Circulation	-----	585 s.f.

Total Department	-----	4485 s.f.



Area:

maps & model room

QUANTITY:
USERS

FUNCTION

EQUIPMENT

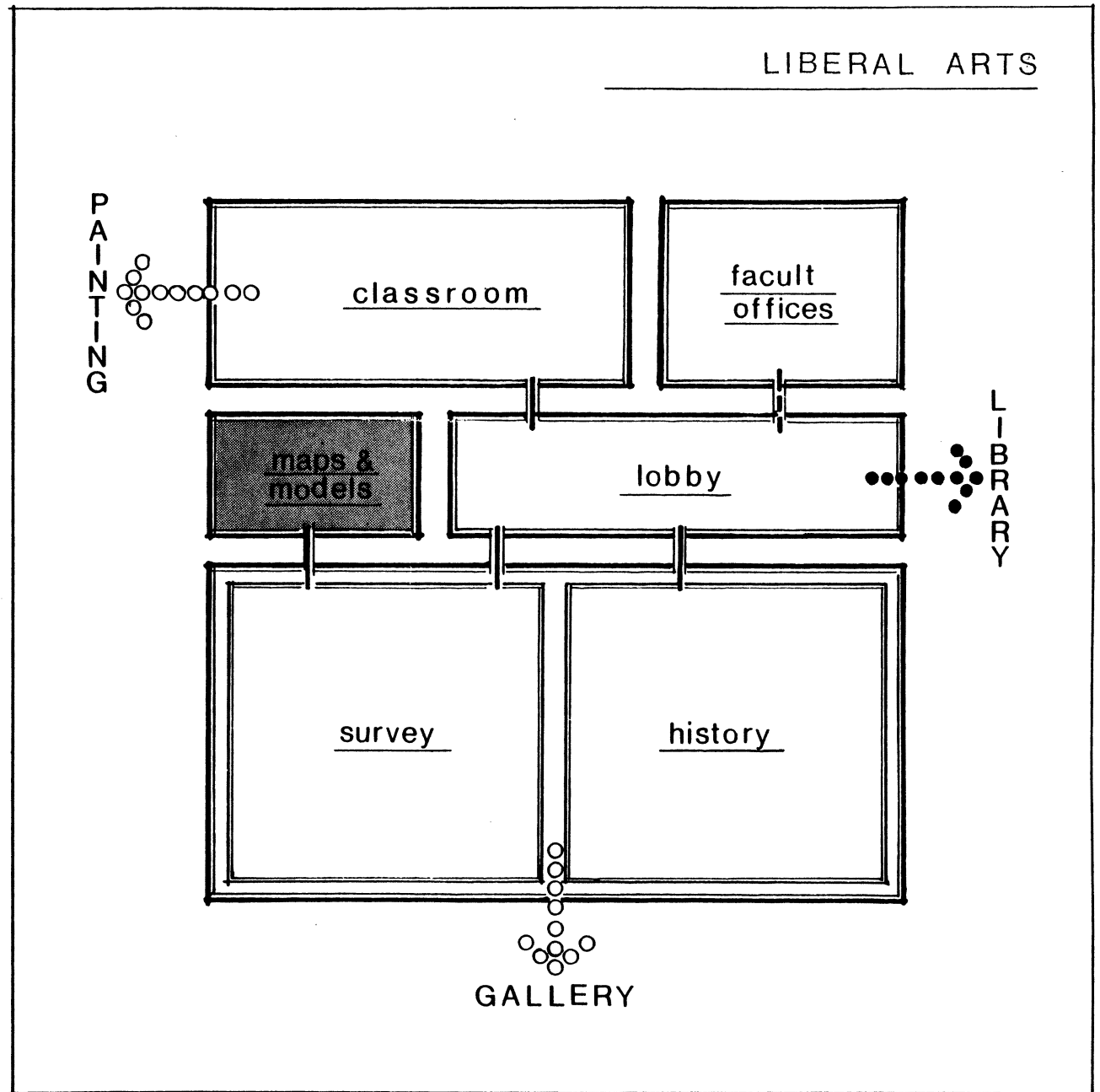
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE

Area:

survey & history labs

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:
-Security

-H.V.A.C.

-Plumbing

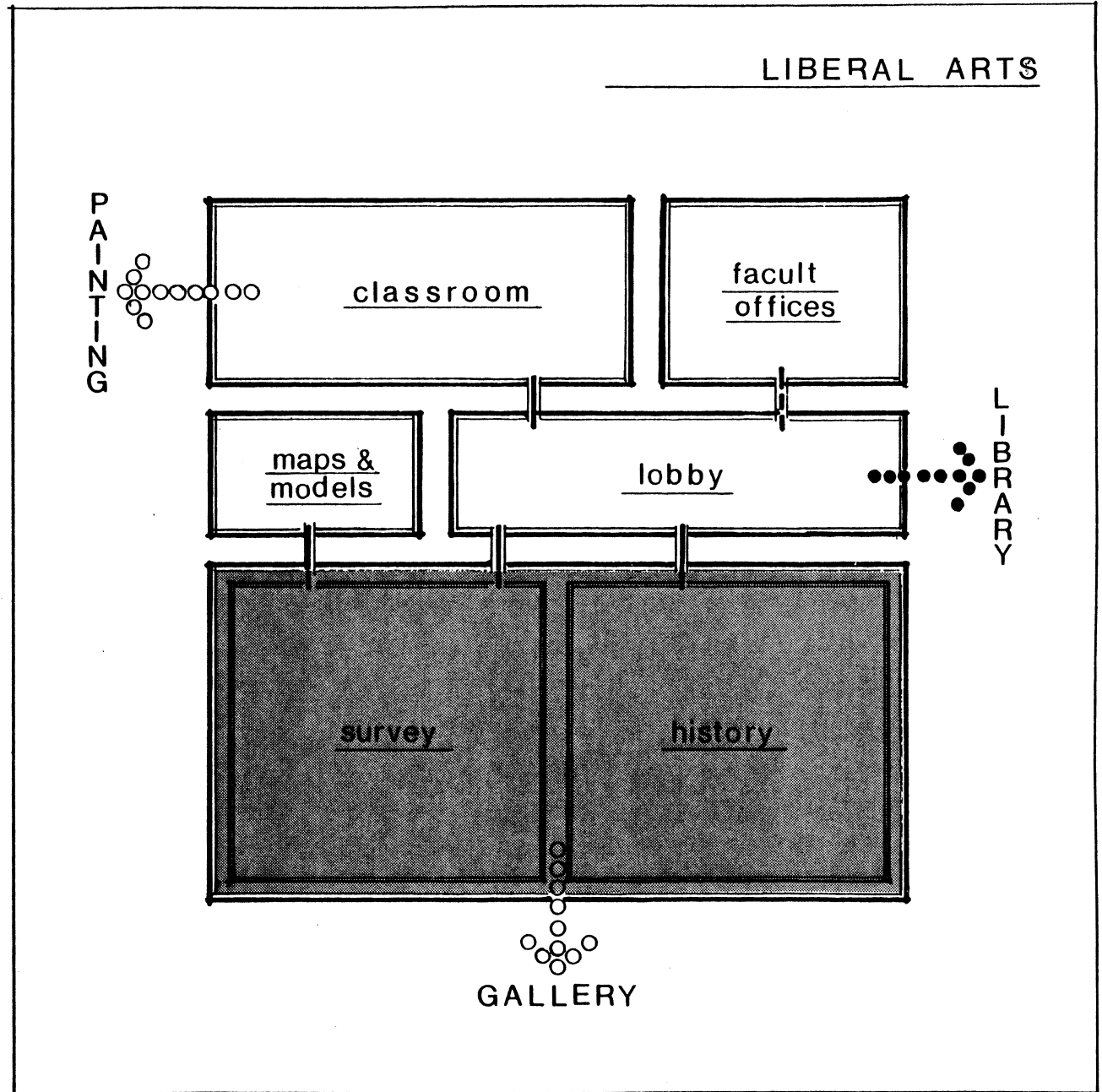
-Lighting

FINISHES

-Floor

-Walls

-Ceiling



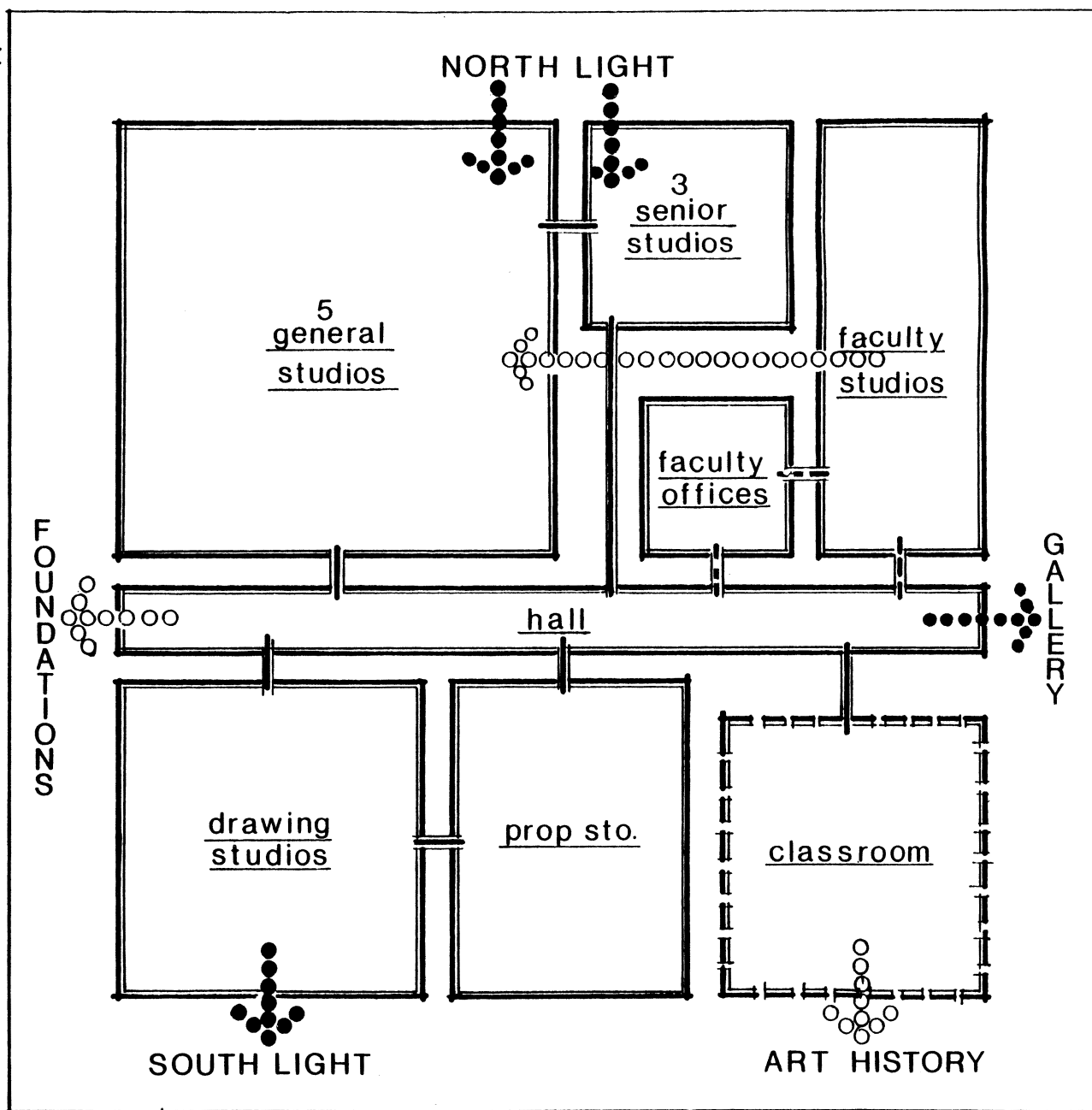
ST. LOUIS ART SPECTRUM INSTITUTE

PAINTING

Drawing Studios		
3 @ 1400	-----	4200 s.f.
3 @ 300	-----	900 s.f.
Painting Studios		
5 @ 1000	-----	5000 s.f.
3 @ 400	-----	1200 s.f.
Dry Racks		
5 @ 300	-----	1500 s.f.
3 @ 100	-----	300 s.f.
Locker Areas		
5 @ 200	-----	1000 s.f.
3 @ 70	-----	210 s.f.
Classroom	-----	---
Prop Storage	-----	600 s.f.
General Storage	-----	500 s.f.
Faculty Studios (7)	-----	---
Faculty Offices (8)	-----	---

Gross	-----	15410 s.f.
15% Circulation	-----	2311 s.f.

Total Department	-----	17721 s.f.



Area:

drawing studios

QUANTITY:
USERS

FUNCTION

EQUIPMENT

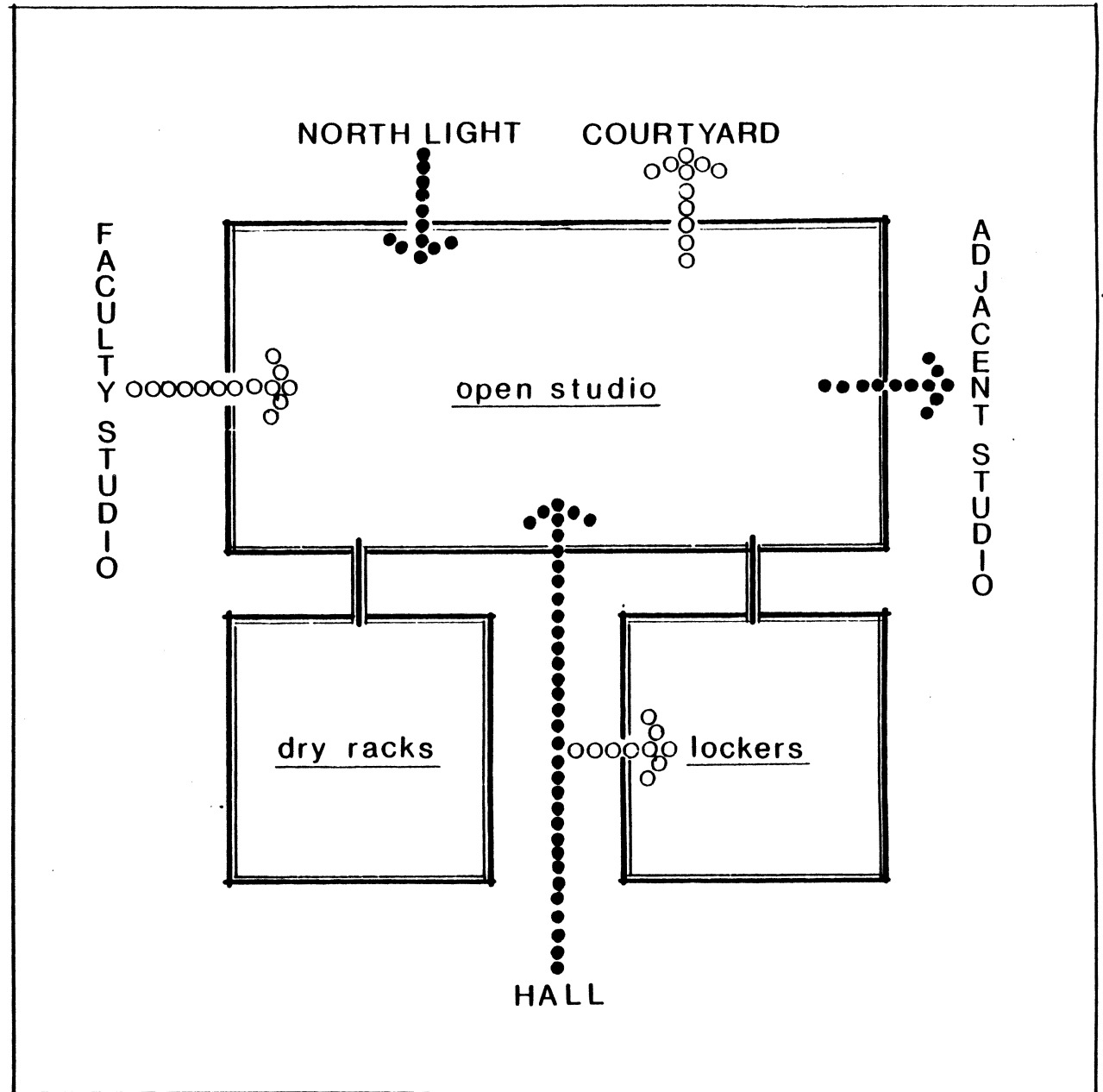
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE

Area:

painting studios

QUANTITY:
USERS

FUNCTION

EQUIPMENT

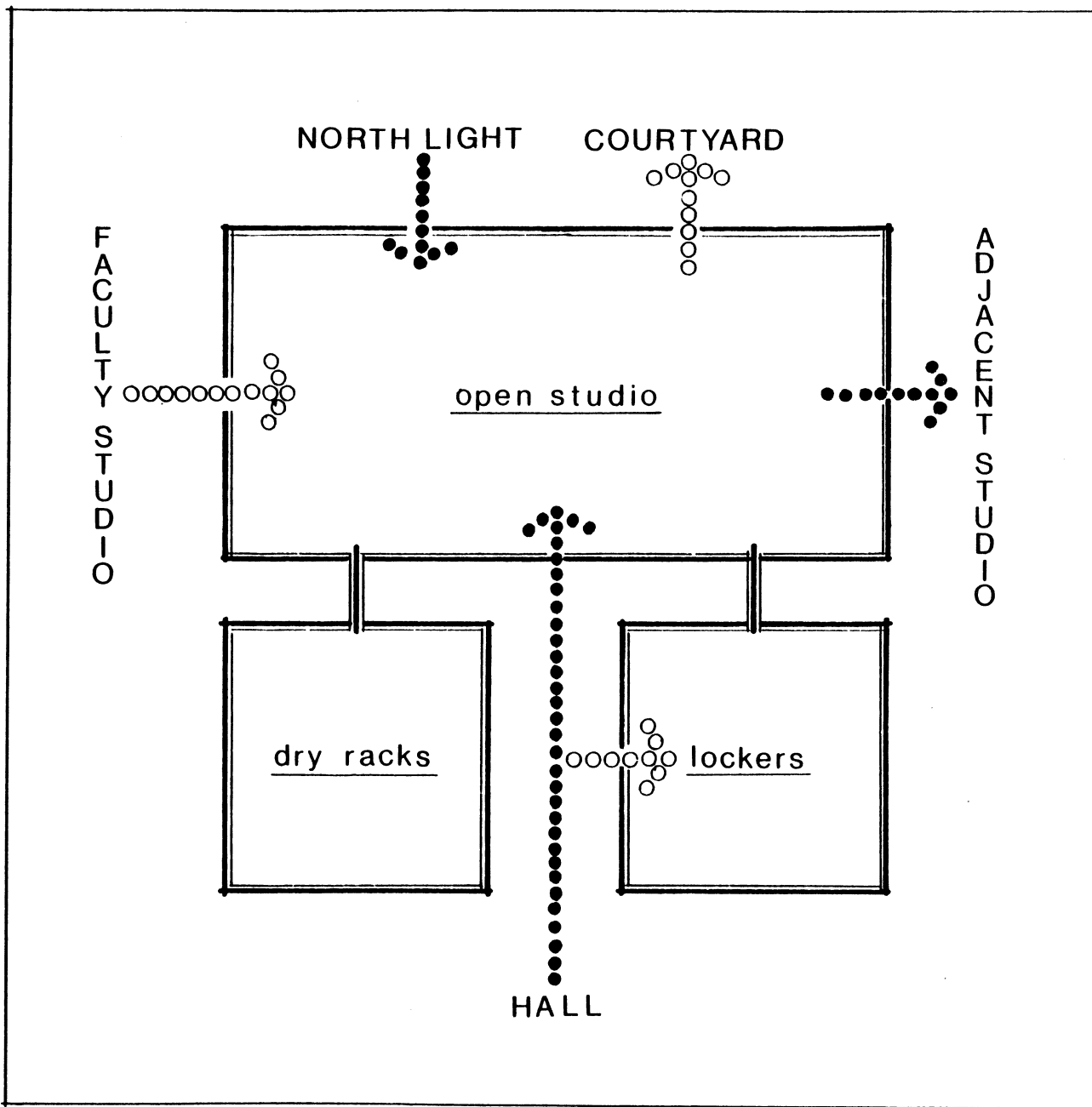
SPECIAL CONSIDERATIONS

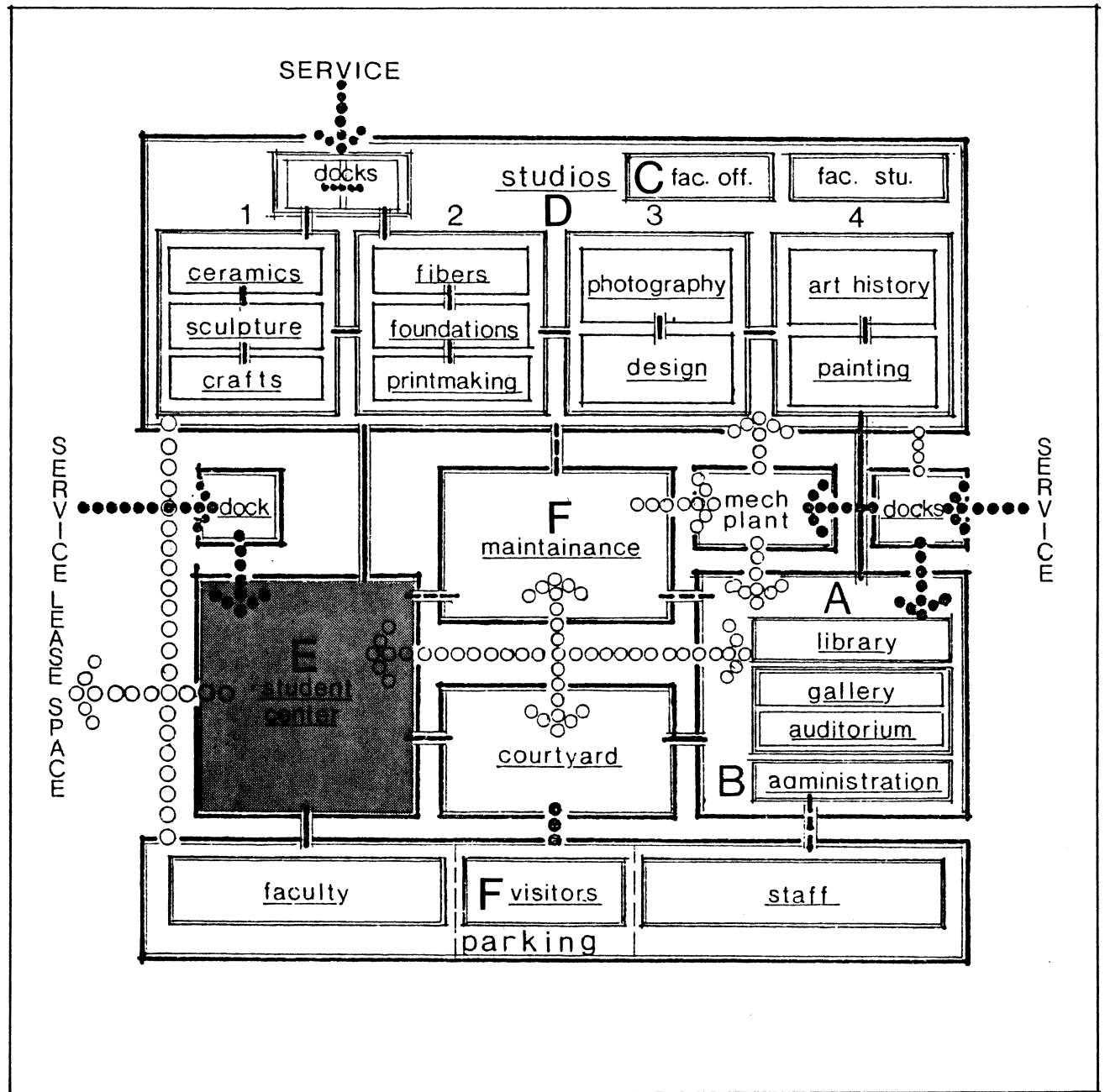
SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling





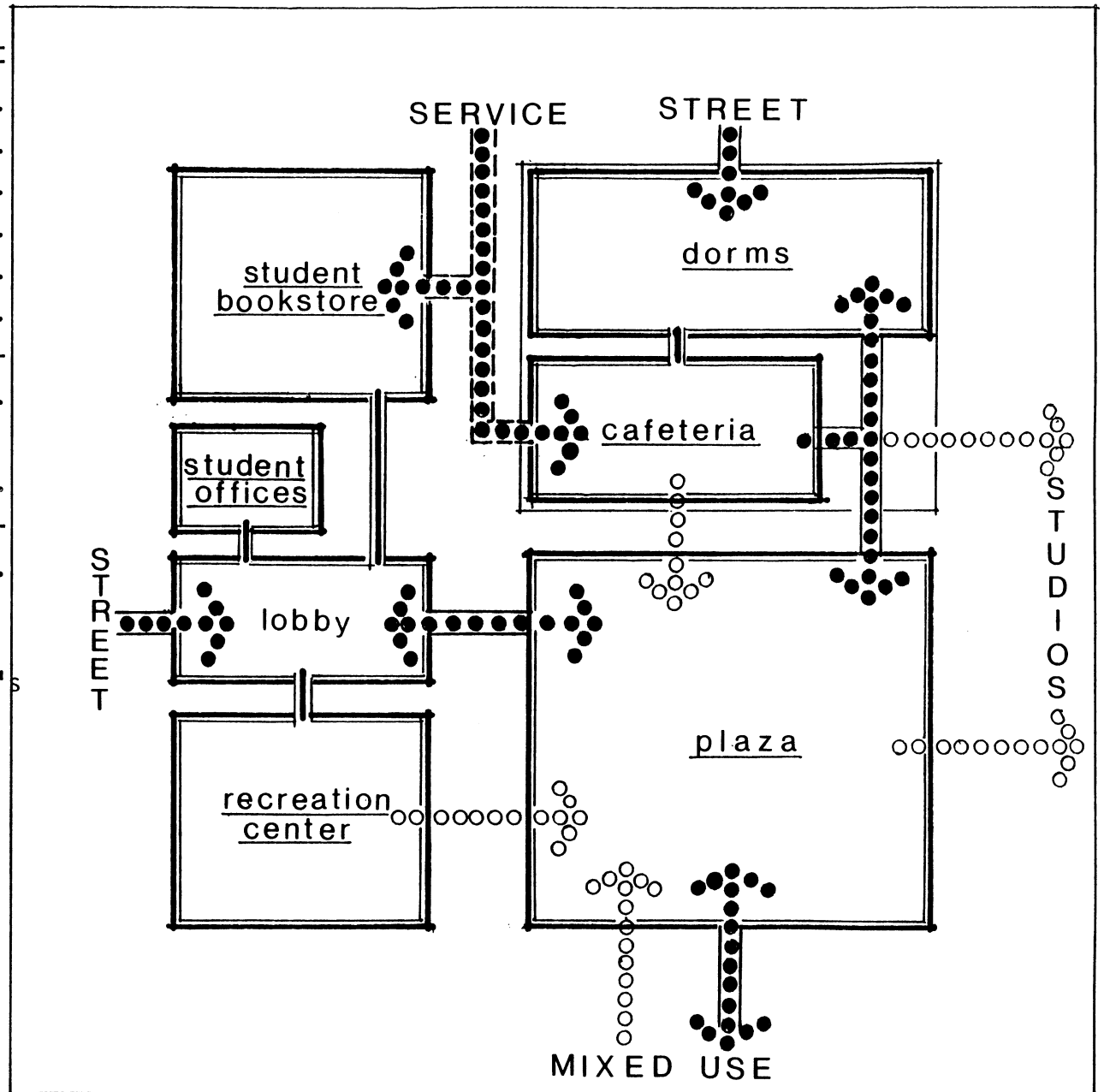
STUDENT CENTER

STUDENT CENTER

Dormitory	-----95700 s.f.
Cafeteria	----- 3690 s.f.
Student Art & Book Store	-- 1850 s.f.
Recreation Center	----- 2770 s.f.
Student Body Offices	----- 1400 s.f.
General Lobby	----- 800 s.f.

Gross	----- 106210 s.f.
Open Plaza	-----
15% Circulation (New const)	1248 s.f.
Total Complex	-----107548 s.f.

The combining of the bookstore, recreation center, general lobby and student offices makes up the Student's Building 7843 s.f.



Area:

general lobby

QUANTITY :
USERS

FUNCTION

EQUIPMENT

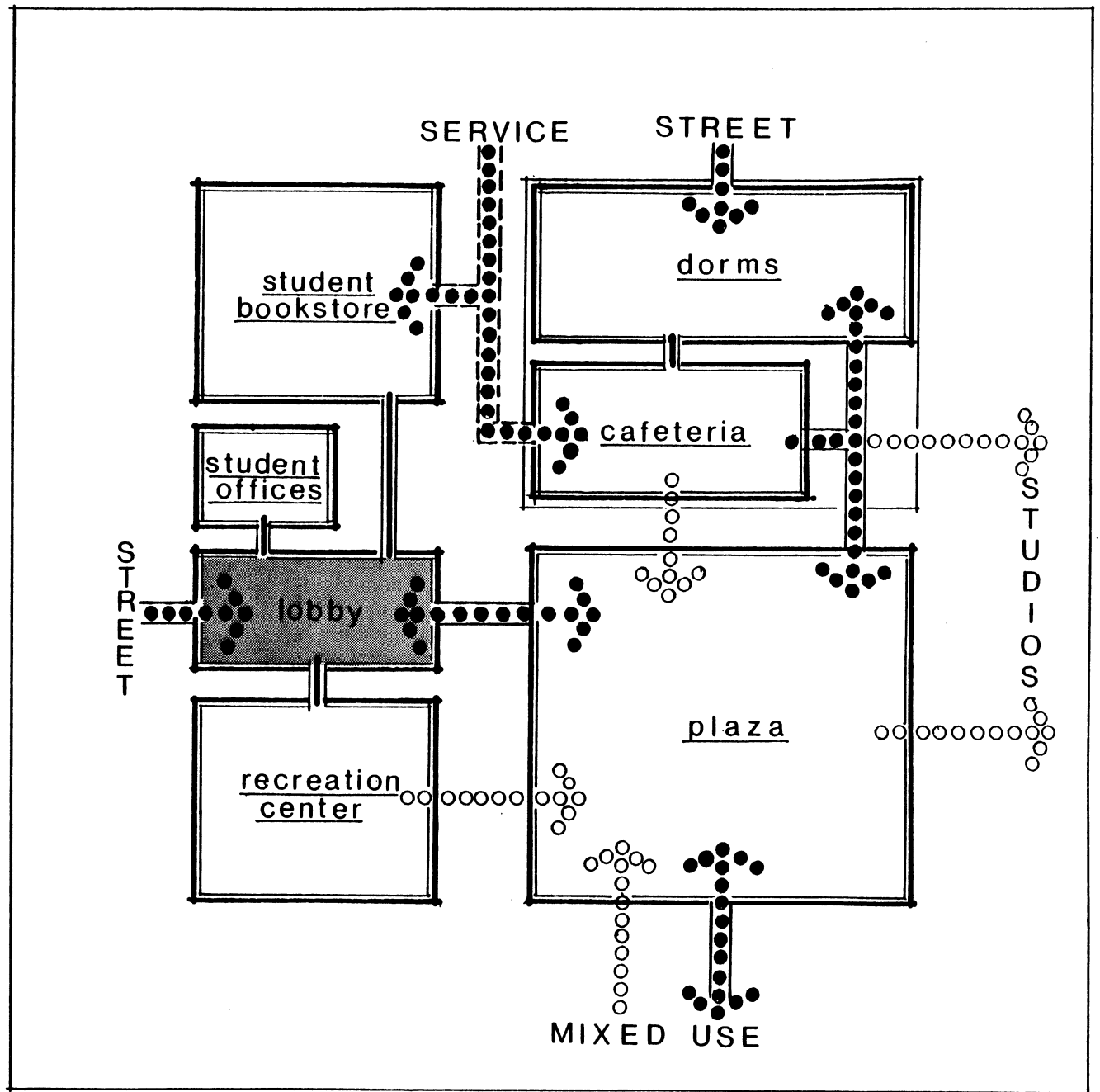
SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



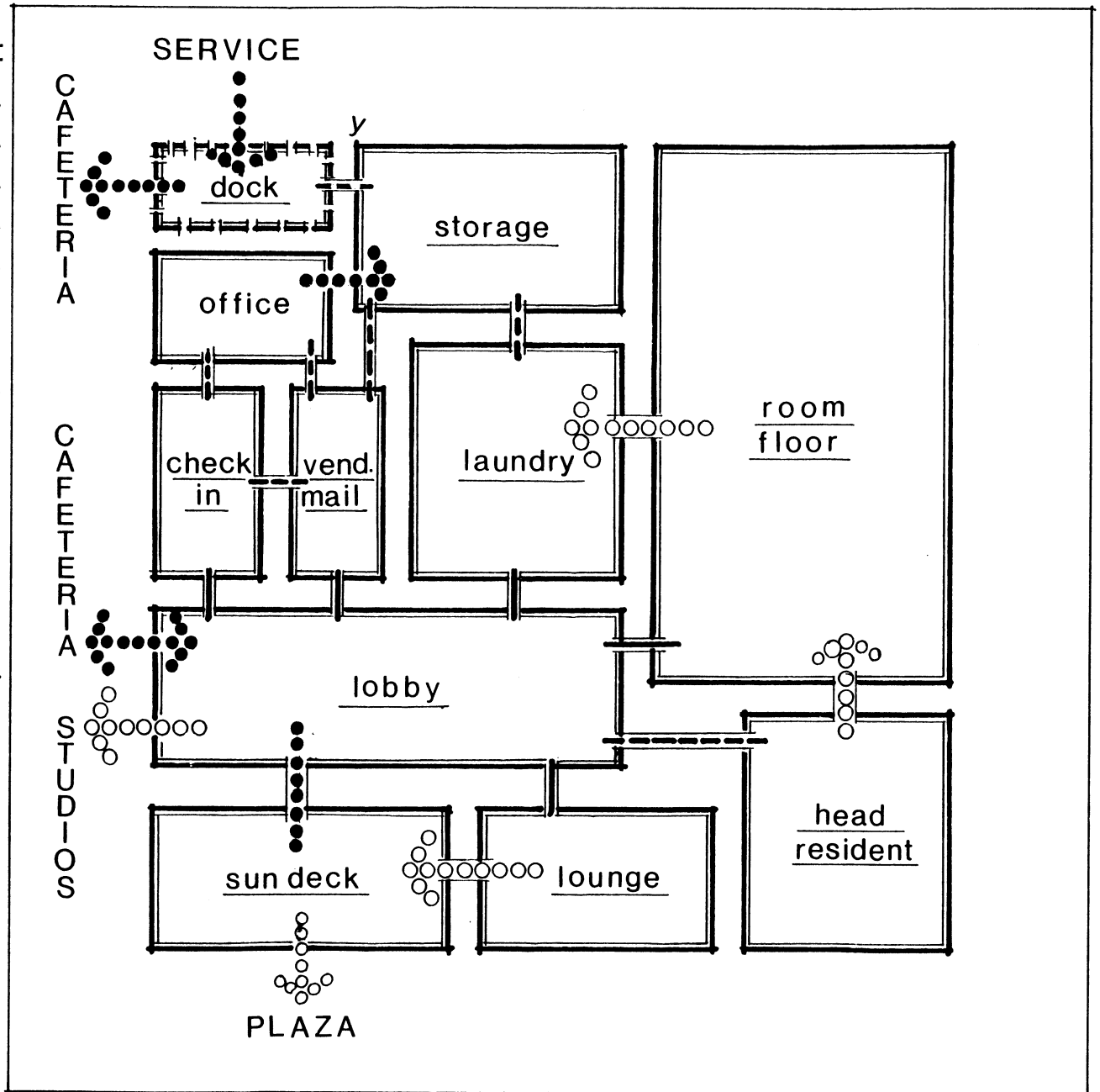
ST. LOUIS ART SPECTRUM INSTITUTE

DORMITORY

DORMITORY

Main Lobby -----	250 s.f.
Check-in Office -----	150 s.f.
Mail and Vending Area -----	150 s.f.
Resident's Office -----	150 s.f.
Television Lounge -----	450 s.f.
Study Lounge -----	450 s.f.
Sun Deck -----	---
Head Residents Suite -----	450 s.f.
Room Floors (13 @ 5500) -----	71500 s.f.
Restrooms -----	---
Laundry -----	900 s.f.
Equipment Storage -----	3000 s.f.
Little Theater -----	4500 s.f.
Office Expansion -----	1000 s.f.

Gross (existing building) --	95700 s.f.



Area:

main lobby

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

- Security

- H.V.A.C.

- Plumbing

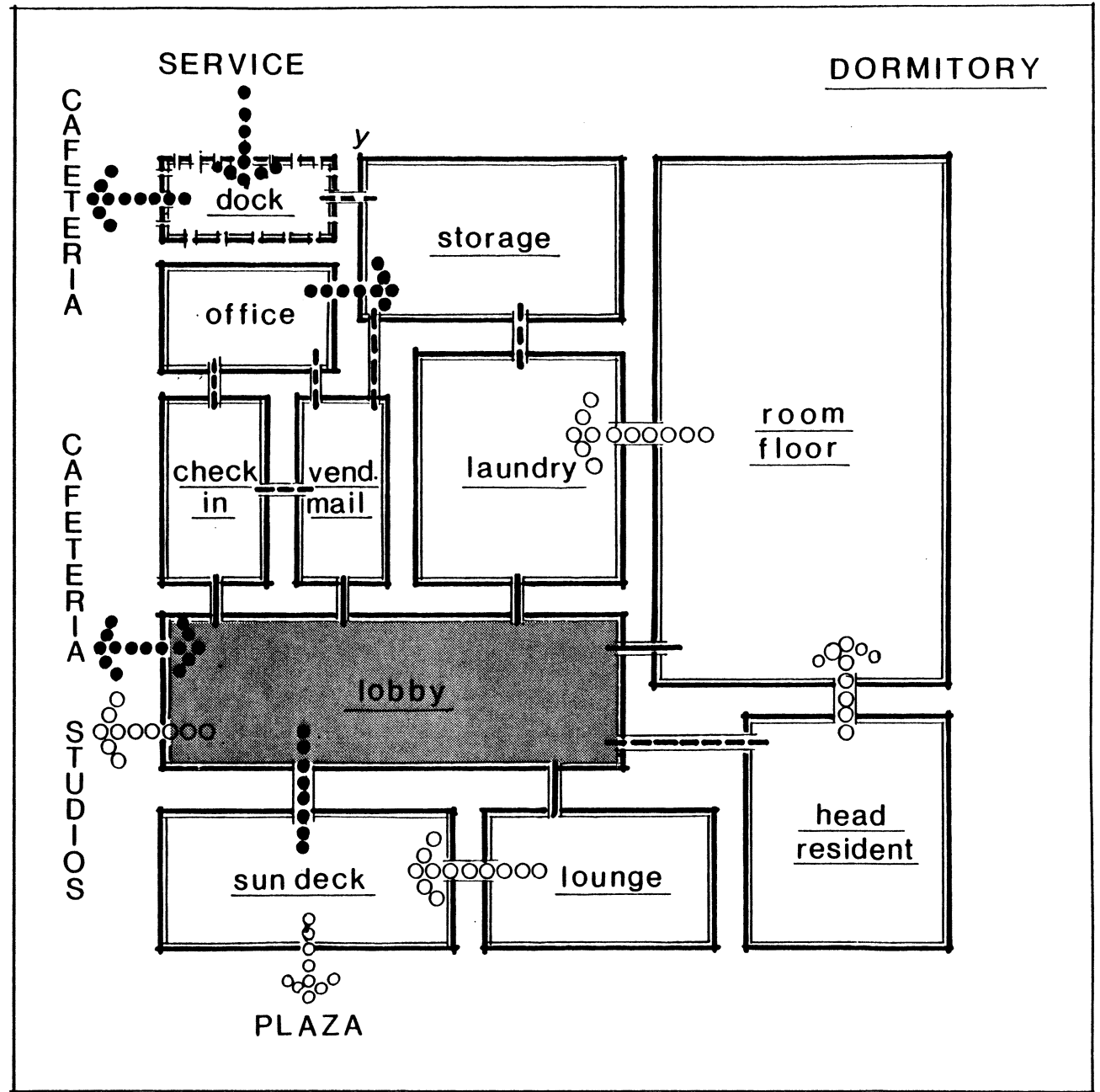
- Lighting

FINISHES

- Floor

- Walls

- Ceiling



Area:

television lounge

QUANTITY:
USERS

FUNCTION

EQUIPMENT

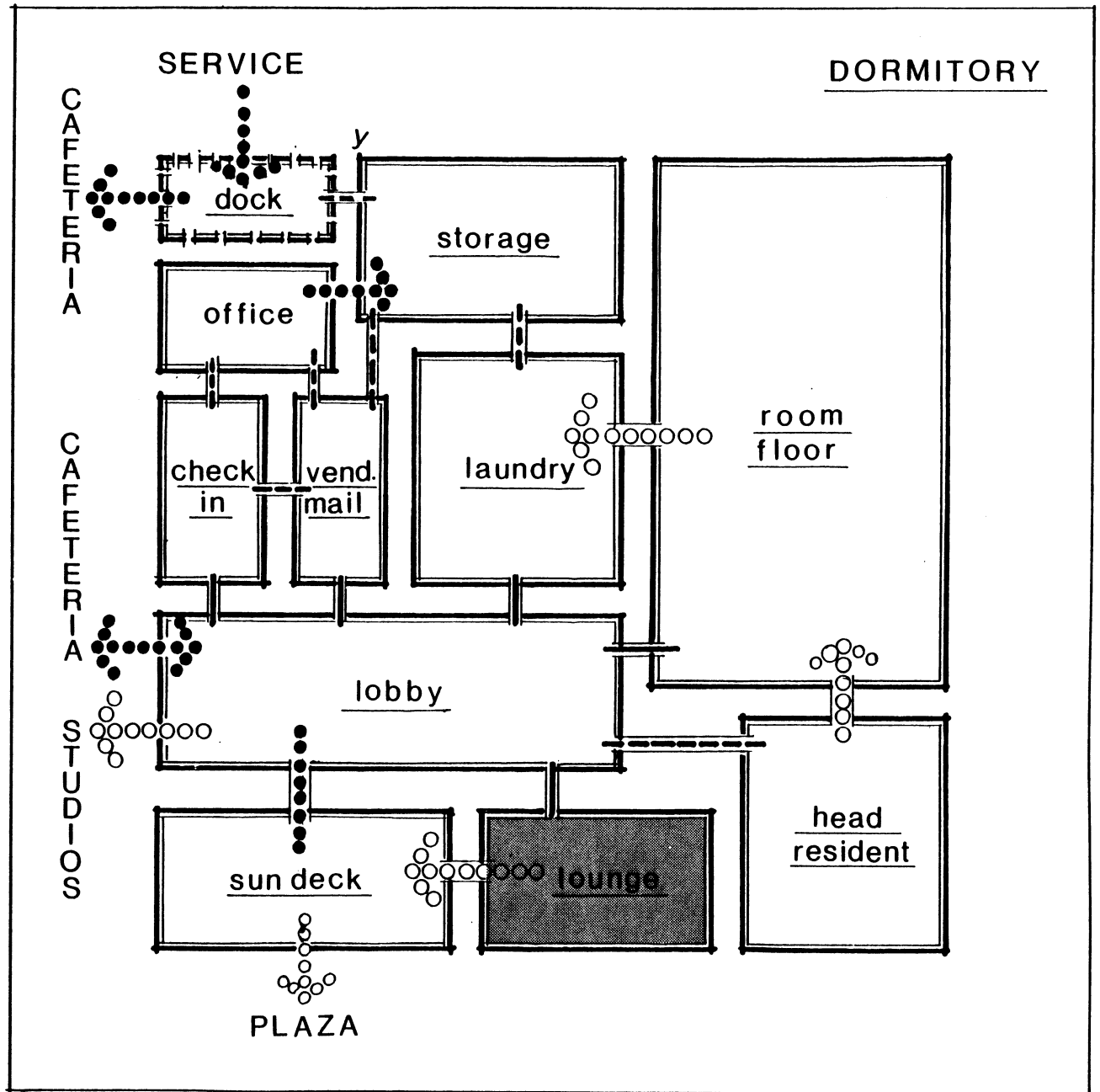
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

residents suite

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

-Security

-H.V.A.C.

-Plumbing

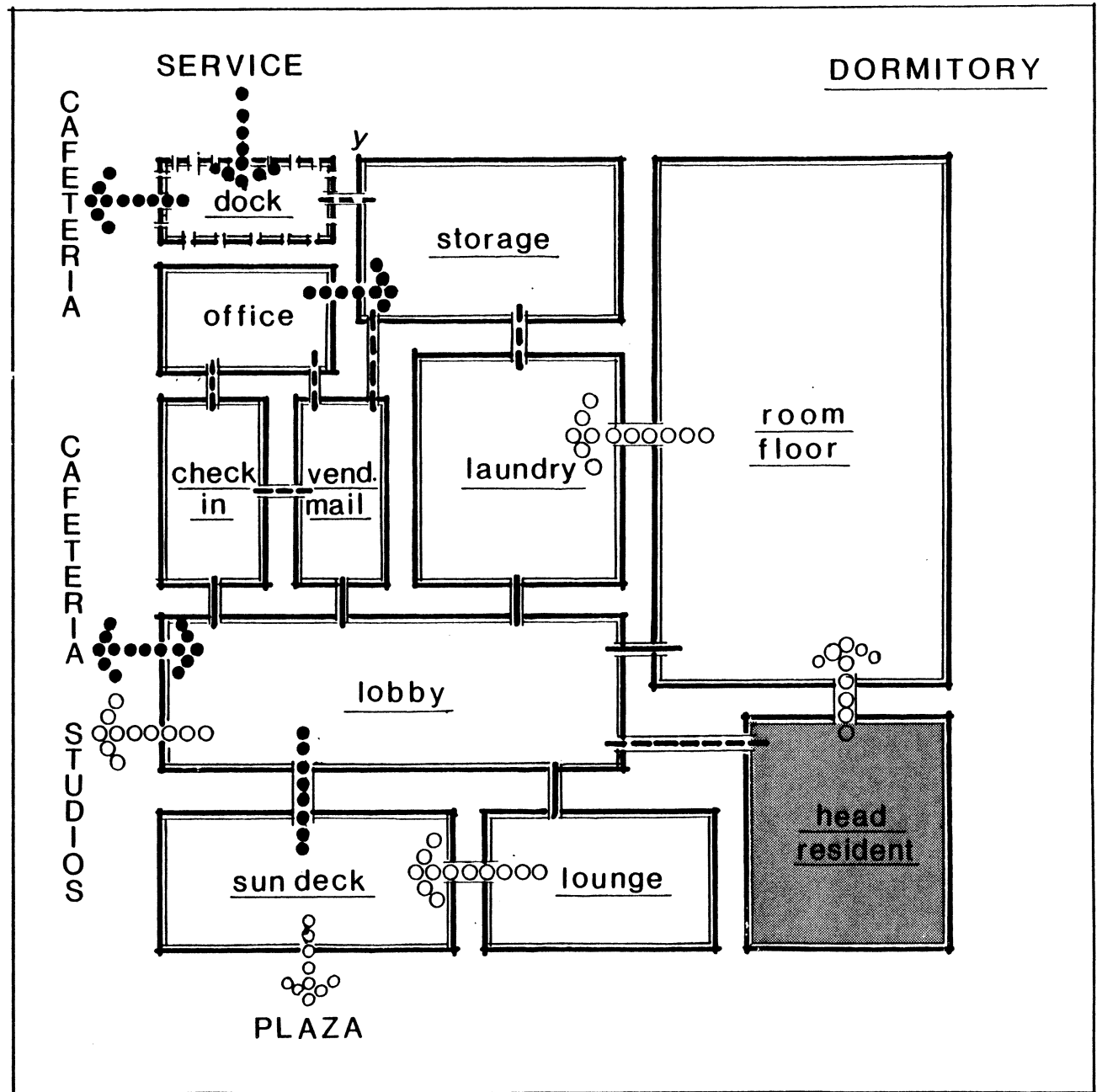
-Lighting

FINISHES

-Floor

-Walls

-Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE

Area:

laundry

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

- Security

- H.V.A.C.

- Plumbing

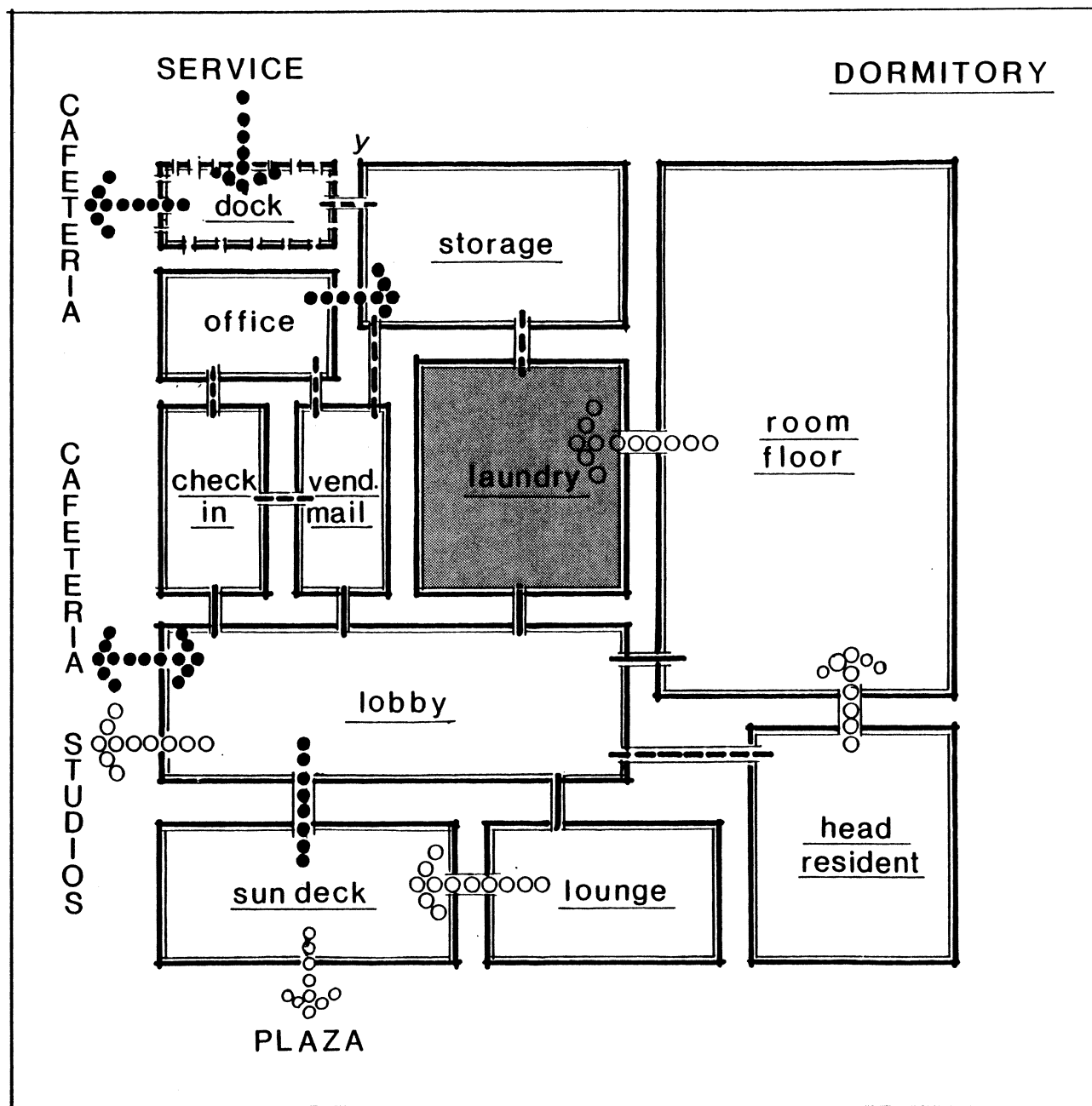
- Lighting

FINISHES

- Floor

- Walls

- Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE

Area:

typical floor lounge

QUANTITY :
USERS

FUNCTION

EQUIPMENT

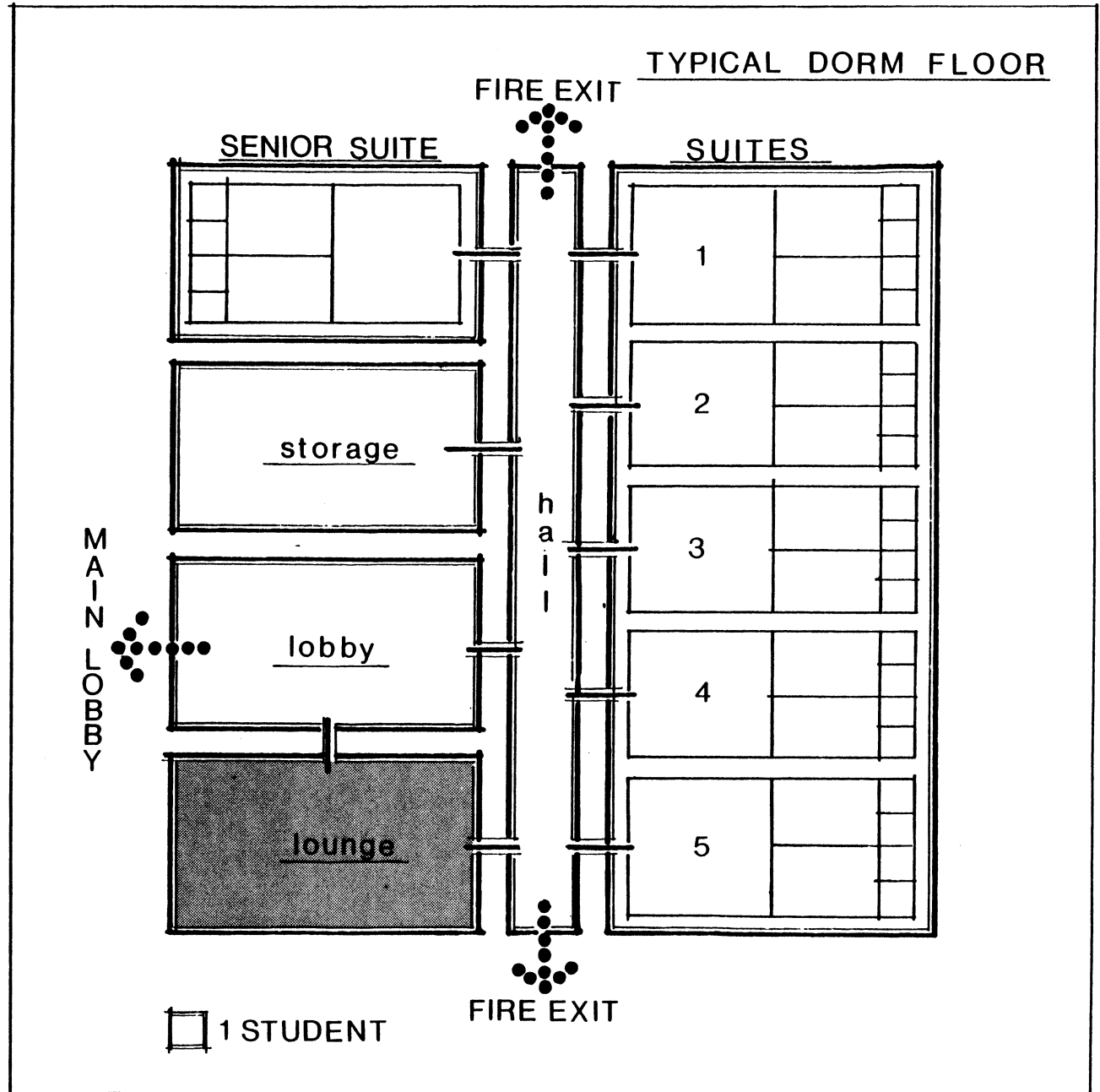
SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



S T . L O U I S A R T S P E C T R U M I N S T I T U T E

Area:

typical suite

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

- Security

- H.V.A.C.

- Plumbing

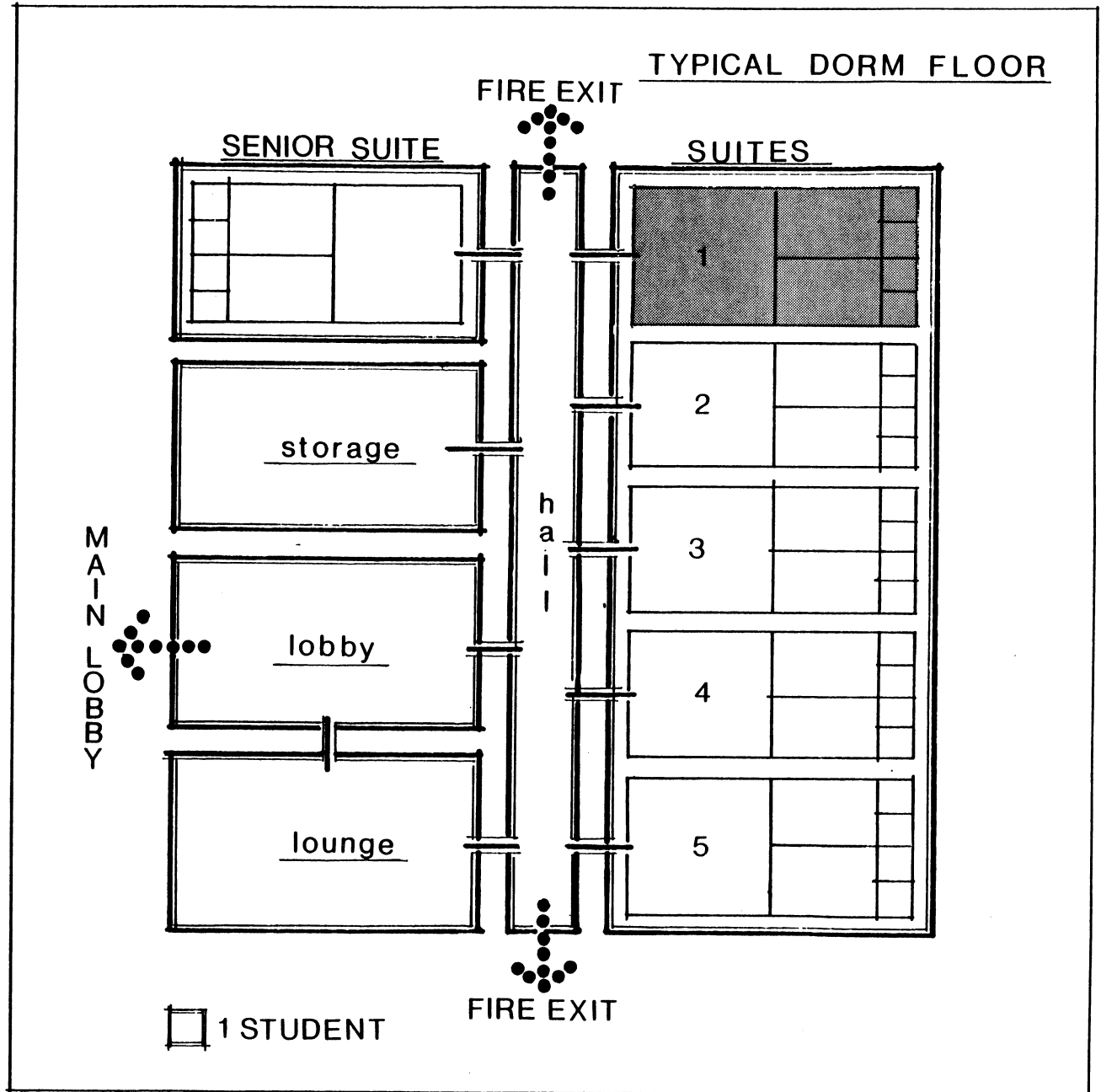
- Lighting

FINISHES

- Floor

- Walls

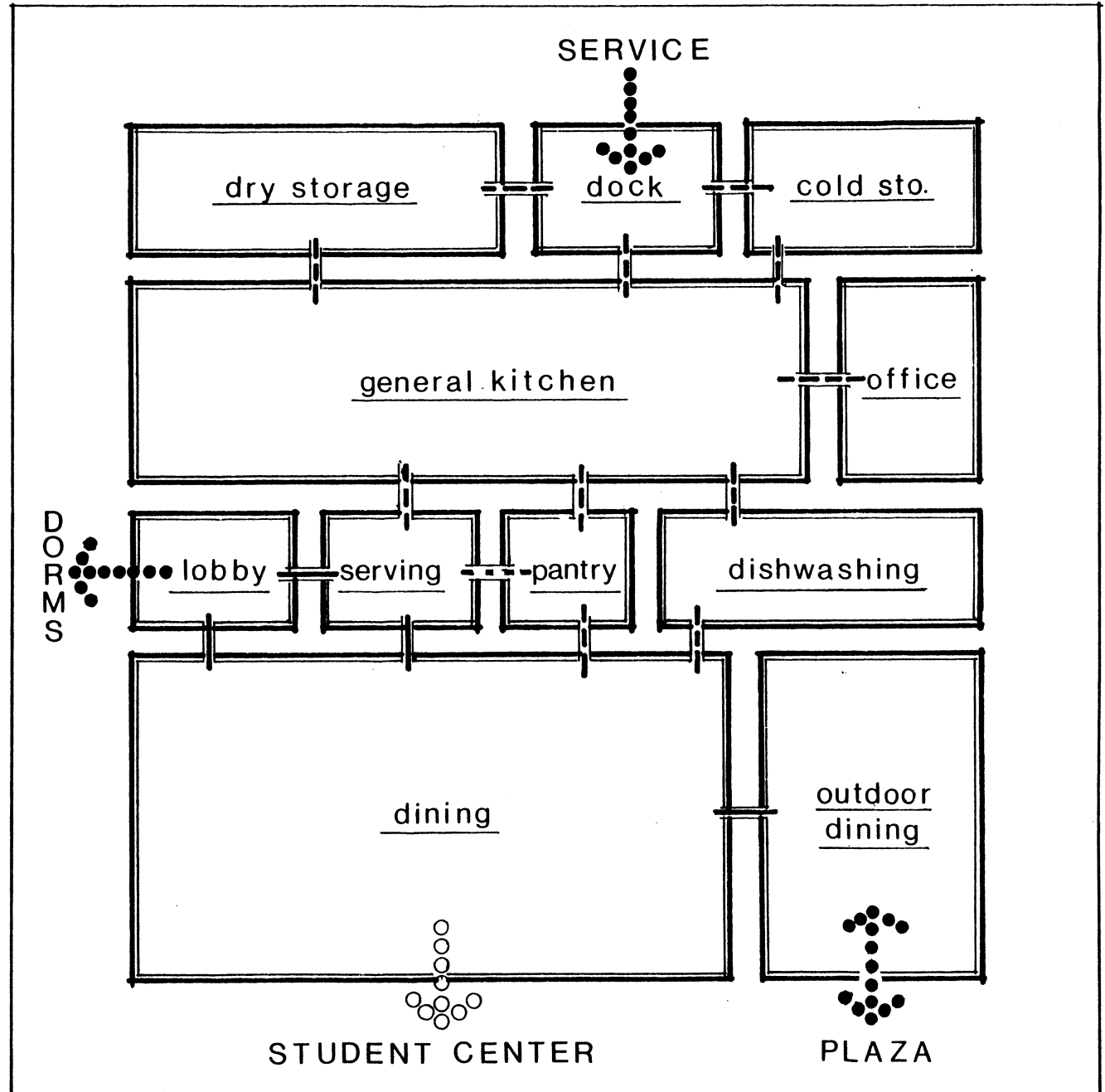
- Ceiling



CAFETERIA

CAFETERIA

Dining	2000 s.f.
Outdoor Dining	400 s.f.
Serving	120 s.f.
Pantry	120 s.f.
Kitchen	360 s.f.
Office	150 s.f.
Dishwashing	130 s.f.
Storage	250 s.f.
Cold Storage	60 s.f.
Dock	100 s.f.
Total	3690 s.f.



Area:

dining

QUANTITY :
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS :

- Security

- H.V.A.C.

- Plumbing

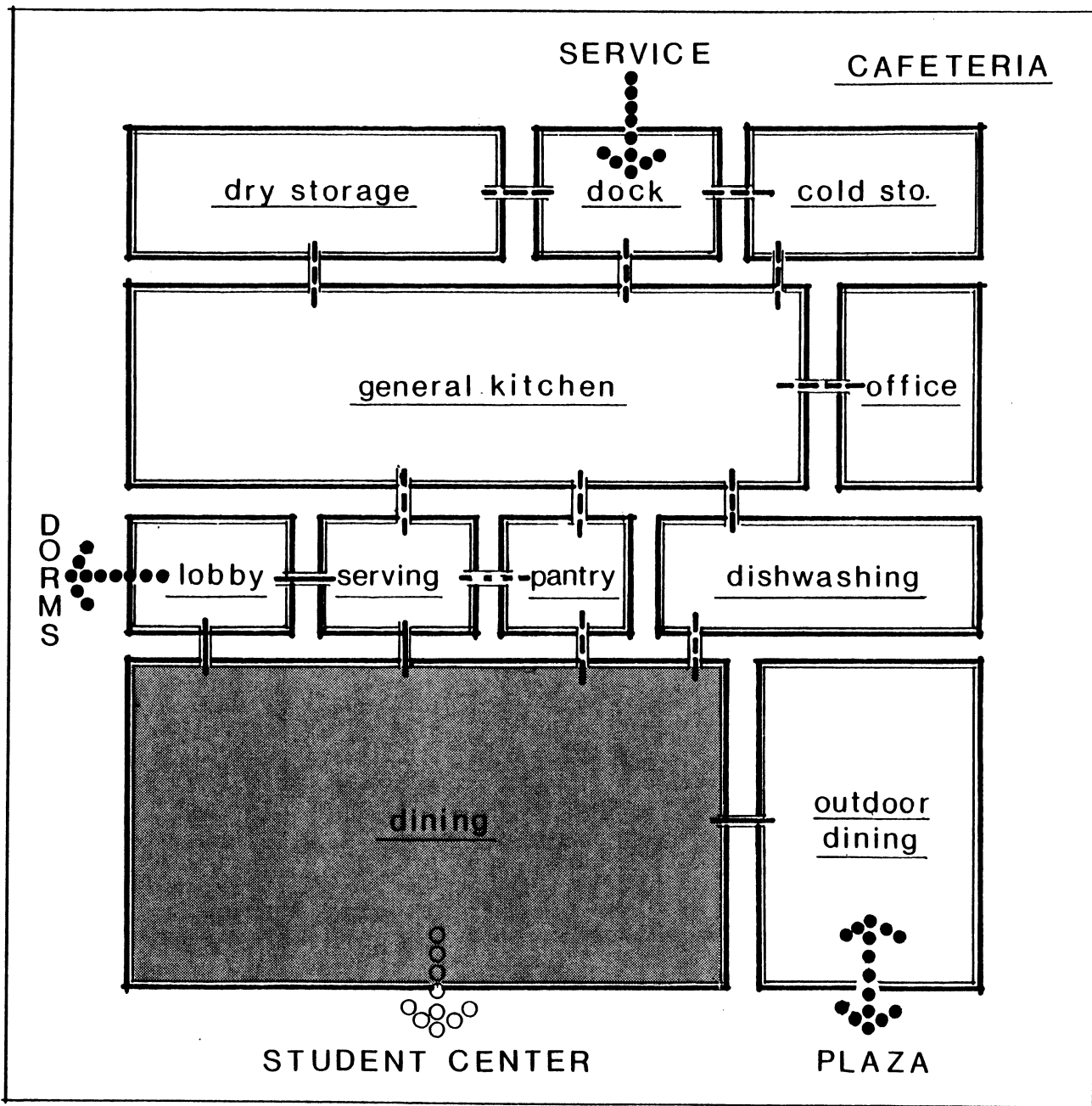
- Lighting

FINISHES

- Floor

- Walls

- Ceiling



Area:

outdoor dining

QUANTITY :
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS :

- Security

- H.V.A.C.

- Plumbing

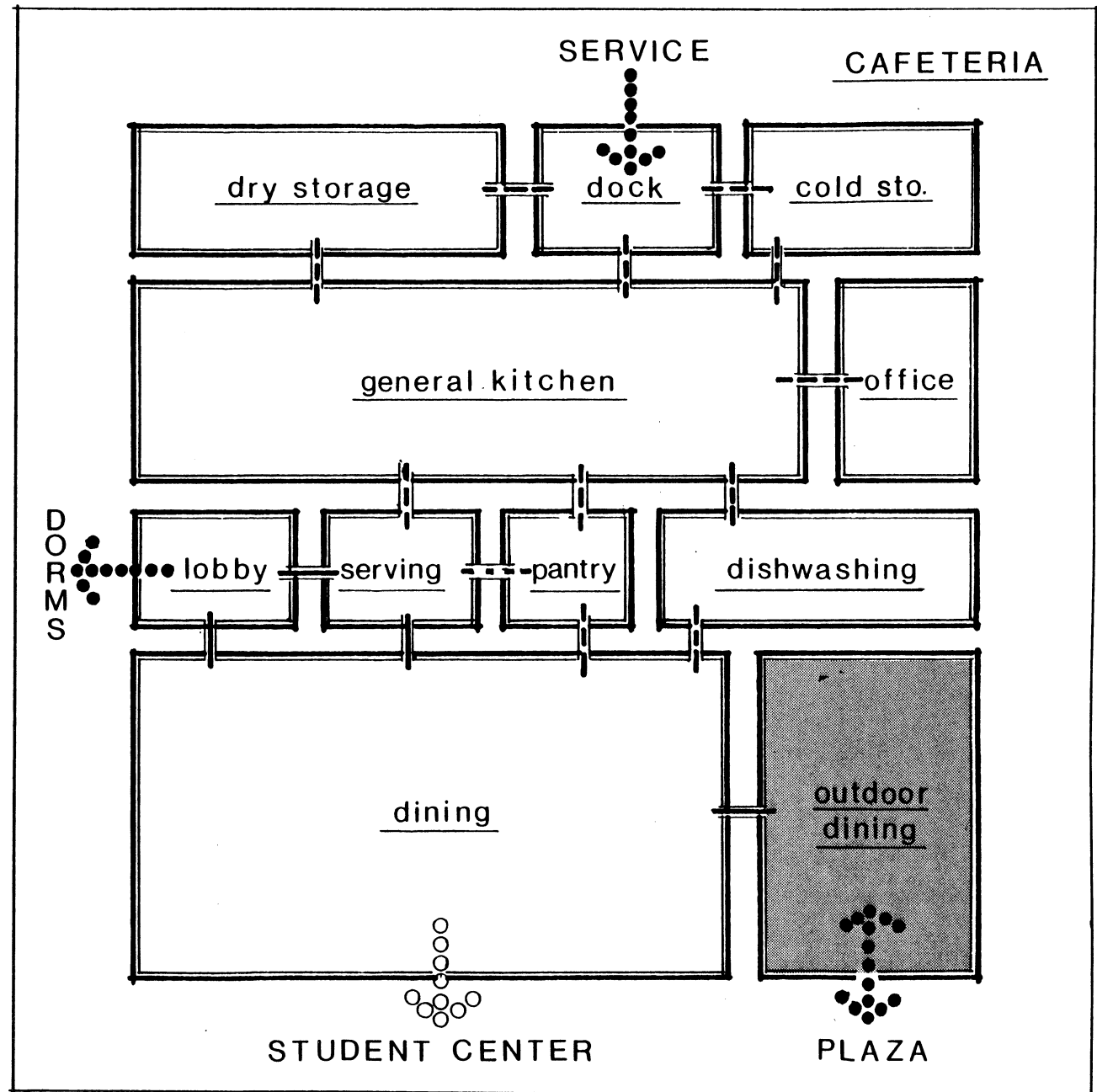
- Lighting

FINISHES

- Floor

- Walls

- Ceiling



Area:

servicing

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:
- Security

- H.V.A.C.

- Plumbing

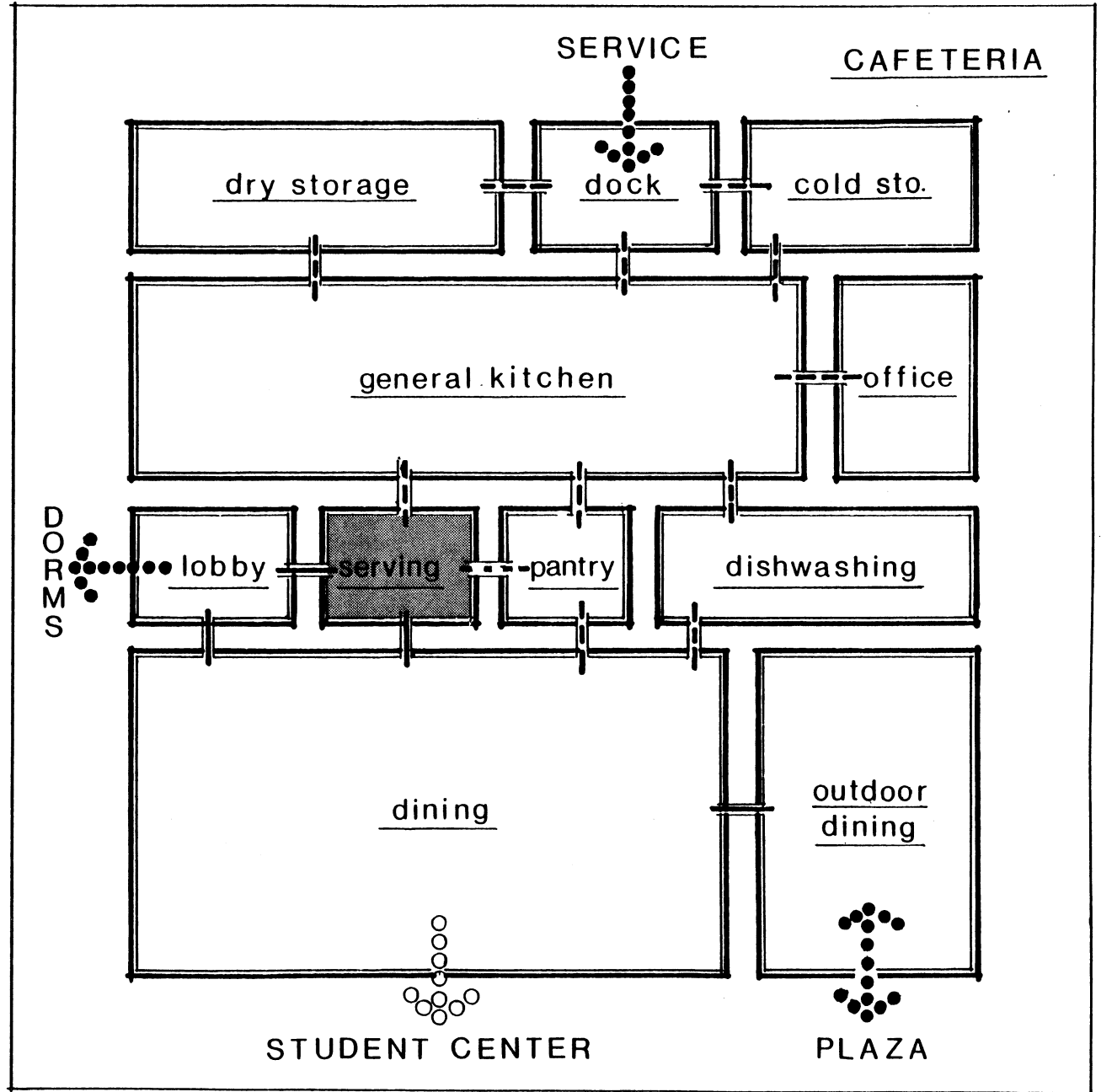
- Lighting

FINISHES

- Floor

- Walls

- Ceiling



Area:

pantry

QUANTITY :
USERS

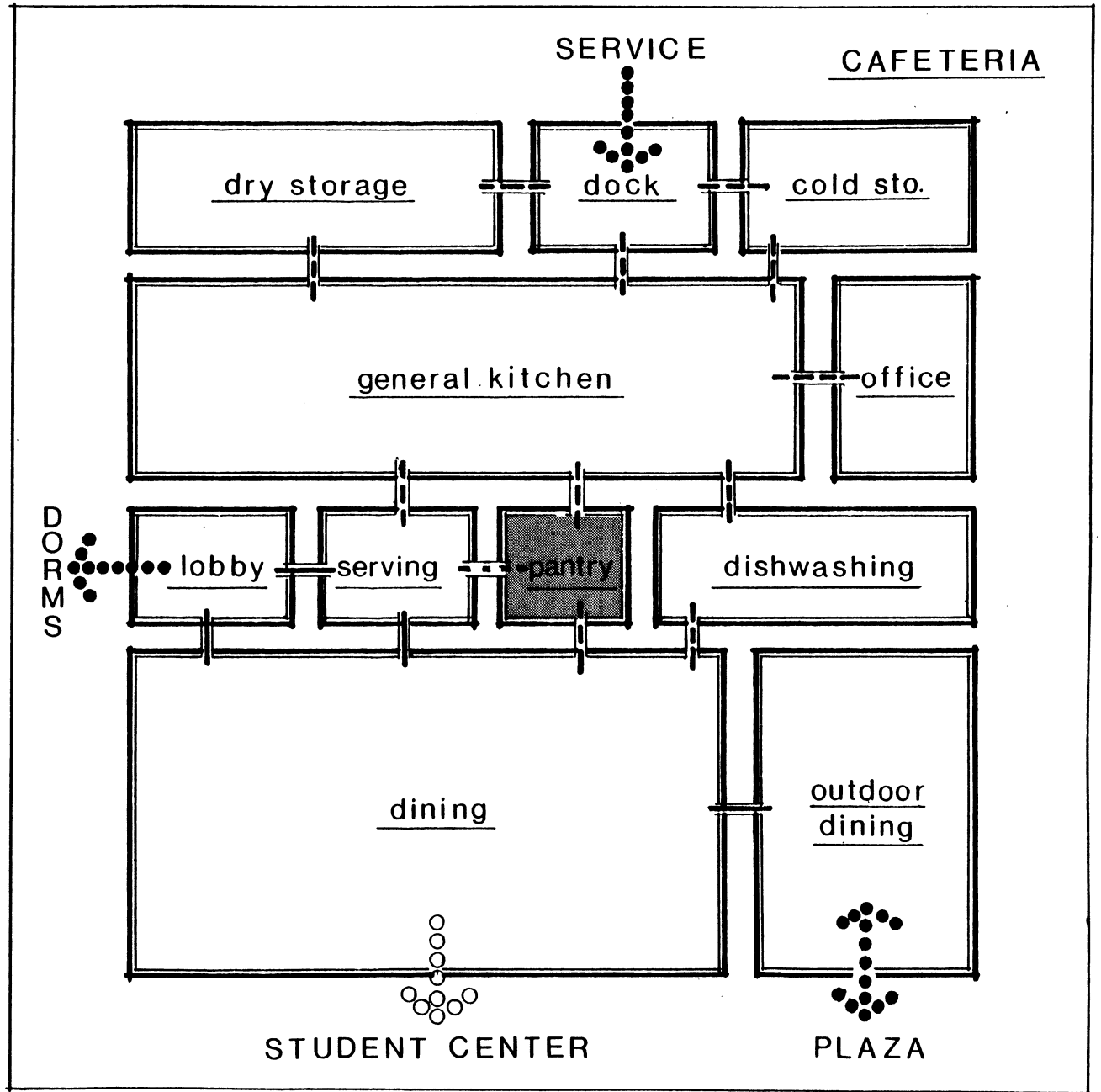
FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting
- FINISHES
- Floor
- Walls
- Ceiling



Area:

kitchen

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

-Security

-H.V.A.C.

-Plumbing

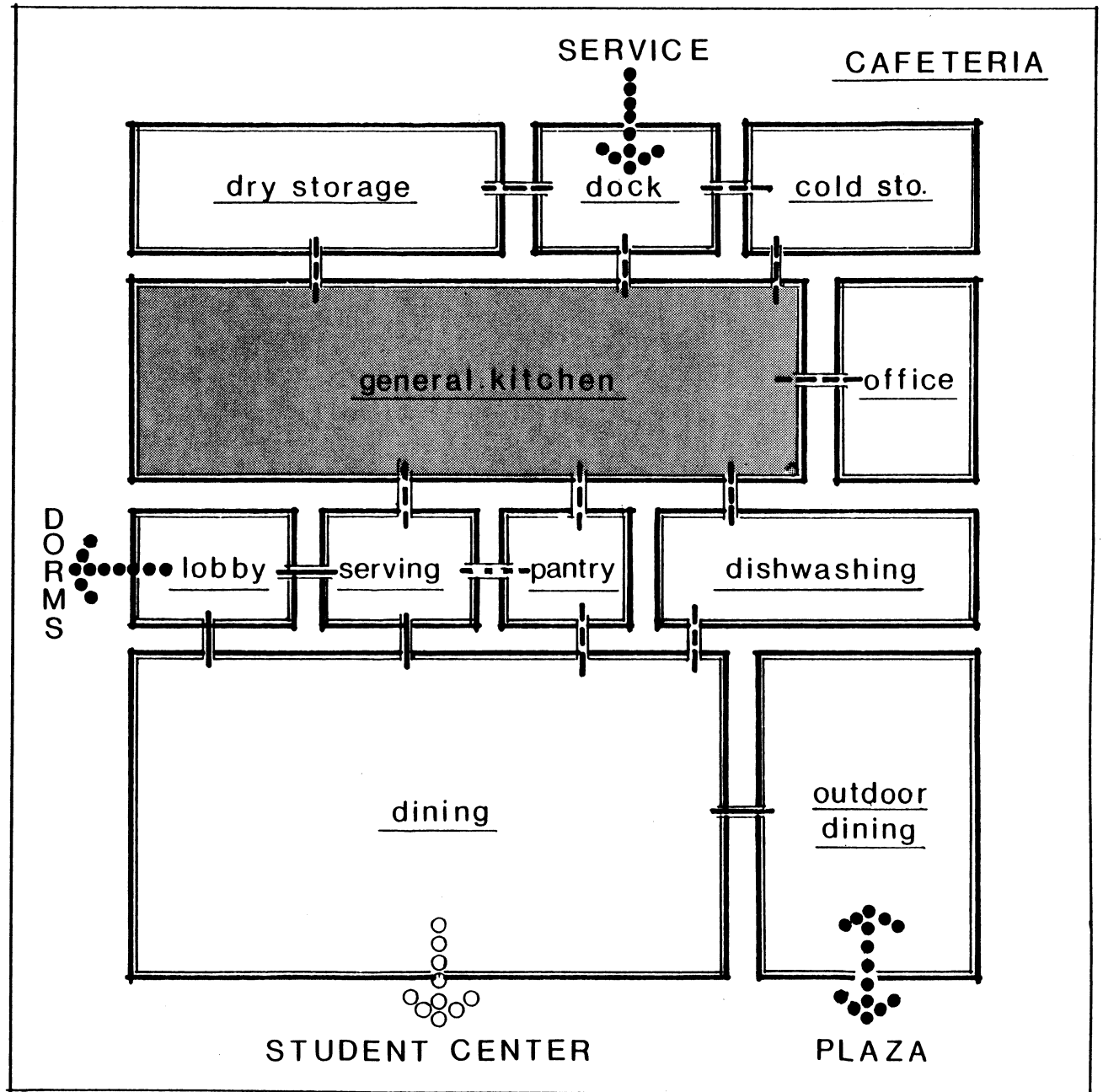
-Lighting

FINISHES

-Floor

-Walls

-Ceiling



S T . L O U I S A R T S P E C T R U M I N S T I T U T E

Area:

dishwashing

QUANTITY:
USERS

FUNCTION

EQUIPMENT

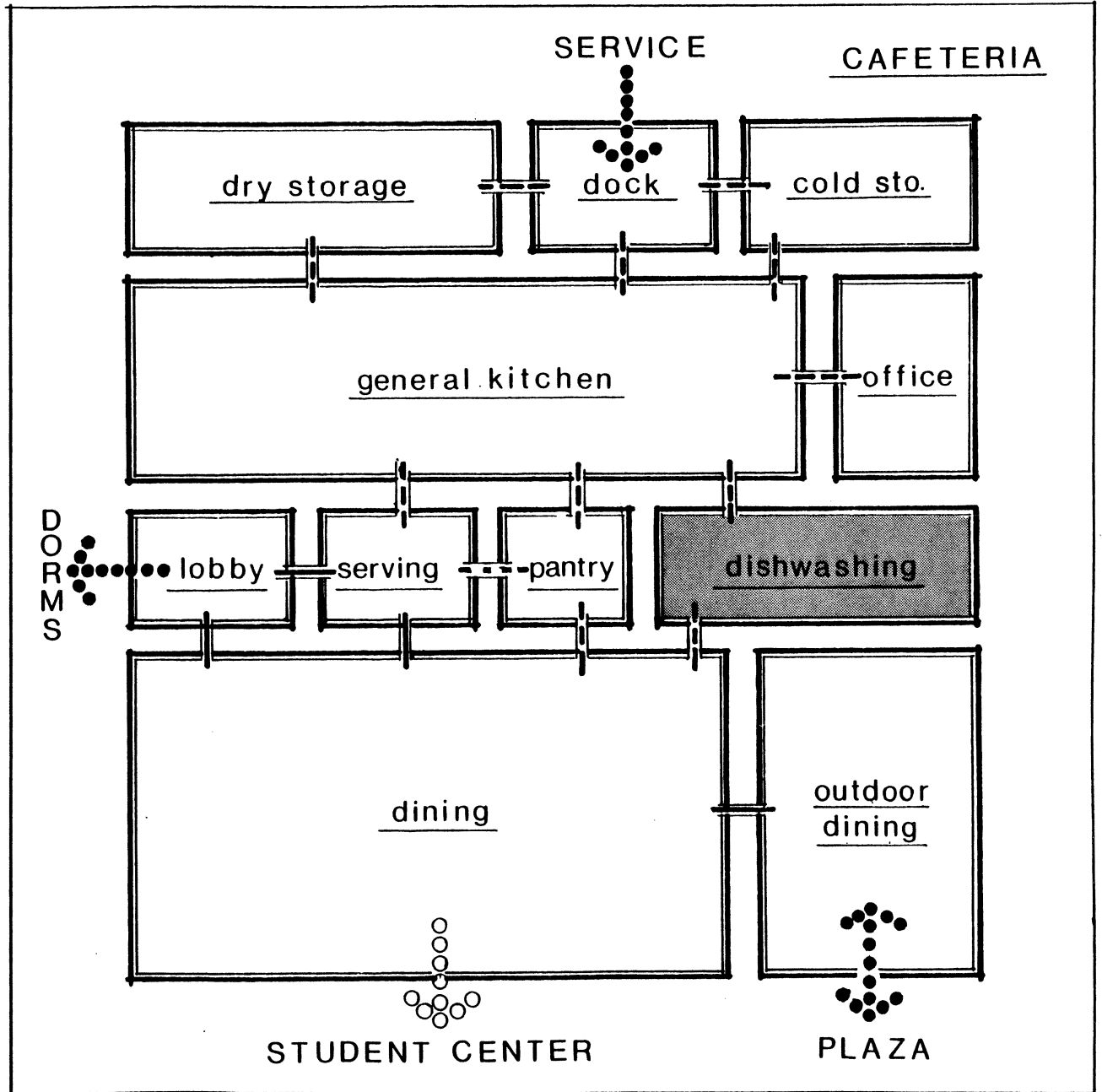
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

cold storage

QUANTITY:
USERS

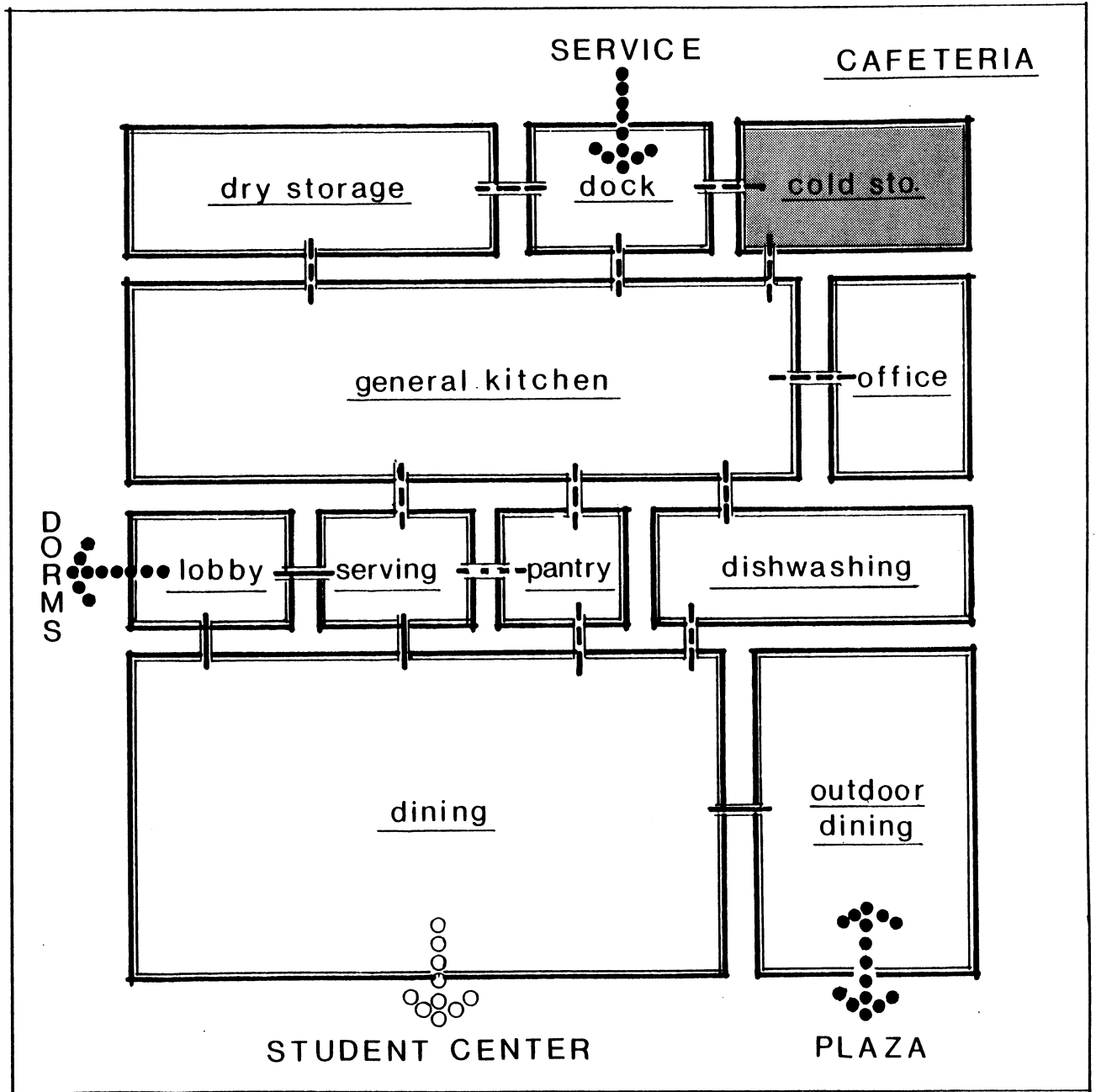
FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting
- FINISHES
- Floor
- Walls
- Ceiling



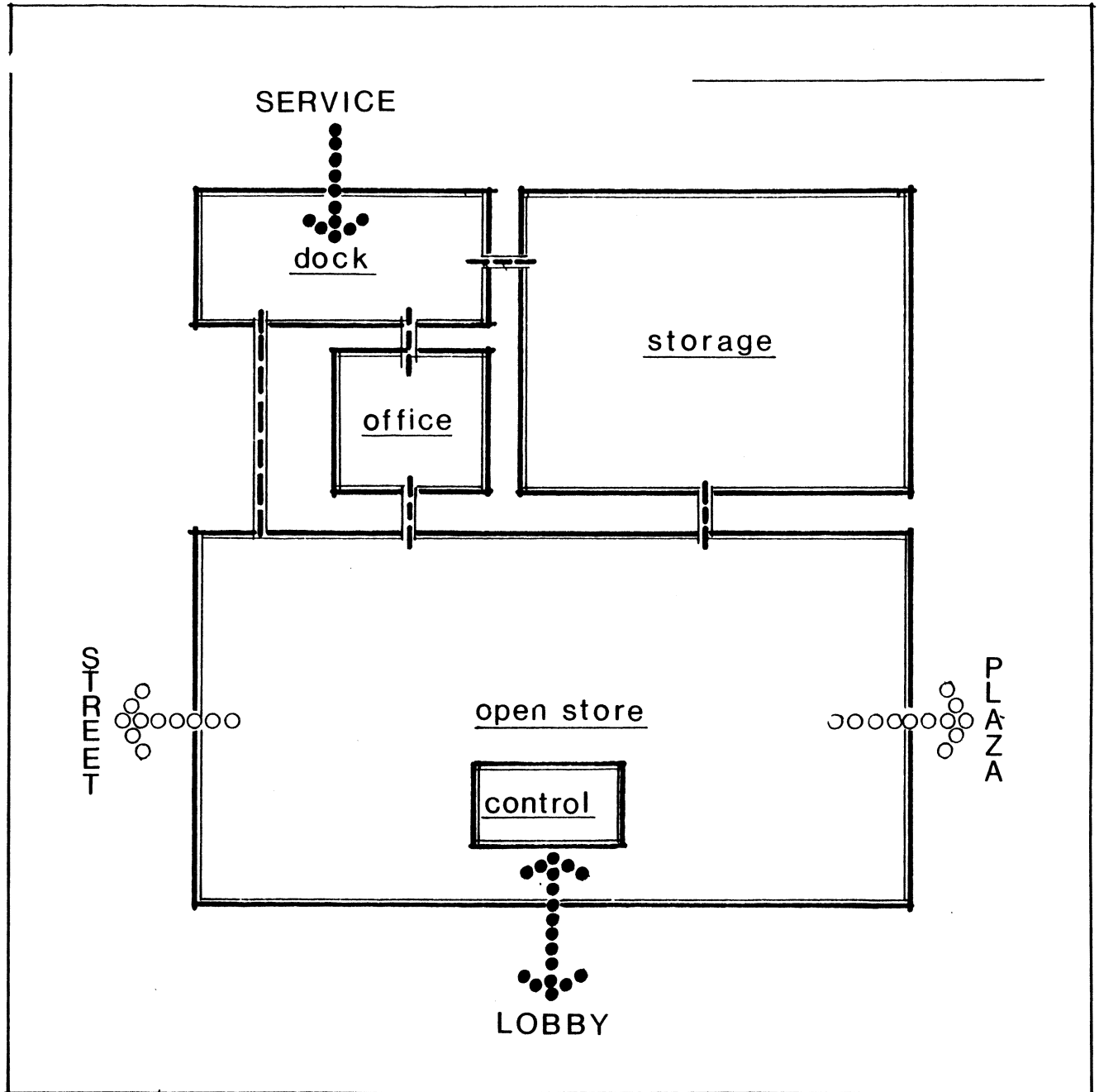
STUDENT ART & BOOK STORE

STUDENT ART & BOOK STORE

Shopping and Display -----	900 s.f.
Office -----	150 s.f.
Storage -----	600 s.f.
Receiving Dock -----	200 s.f.

Gross -----	1850 s.f.
15% Circulation -----	277 s.f.

Total Sub-department -----	2127 s.f.



Area:

shopping & display

QUANTITY :
USERS

FUNCTION

EQUIPMENT

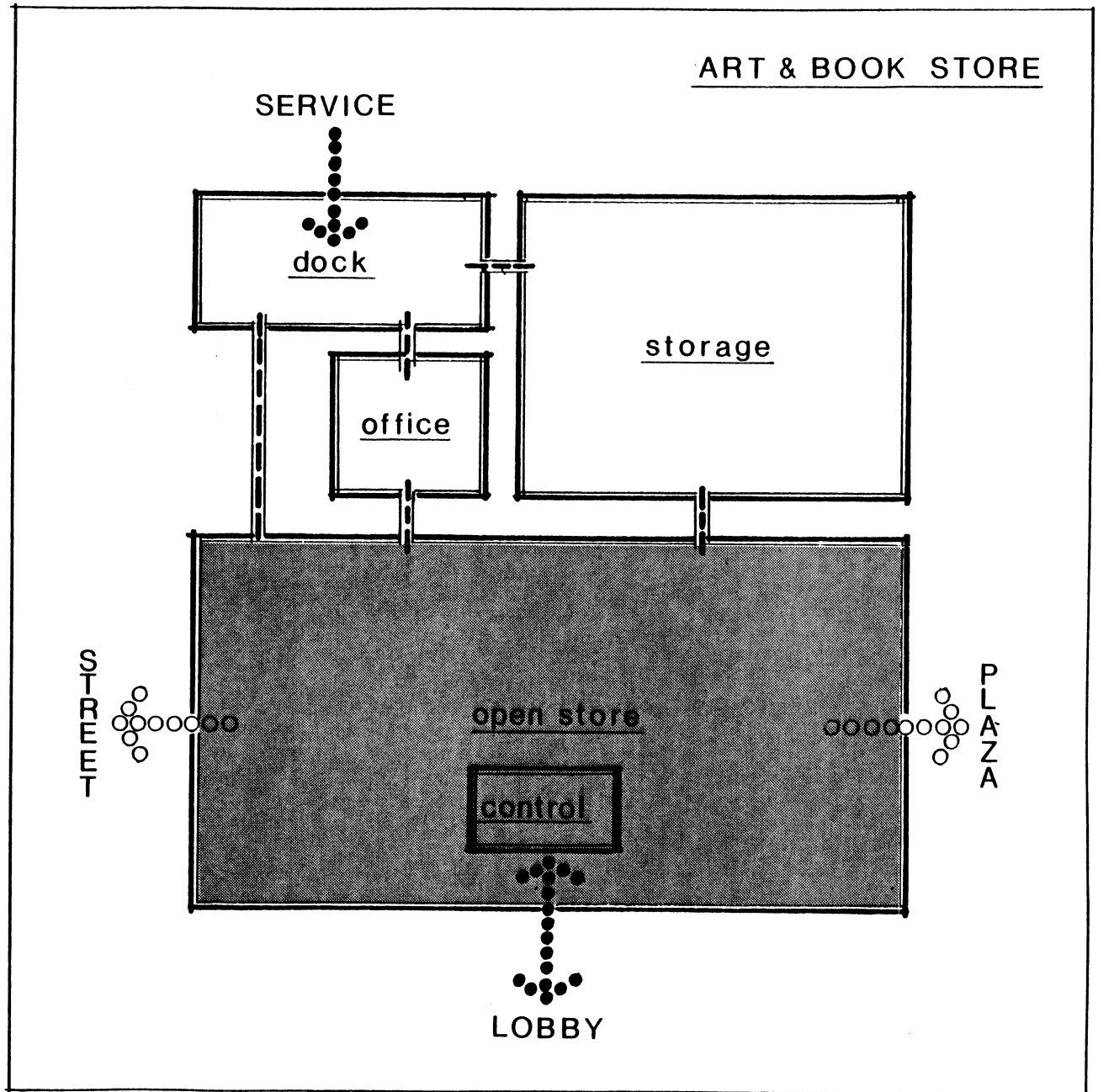
SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



S T . L O U I S A R T S P E C T R U M I N S T I T U T E

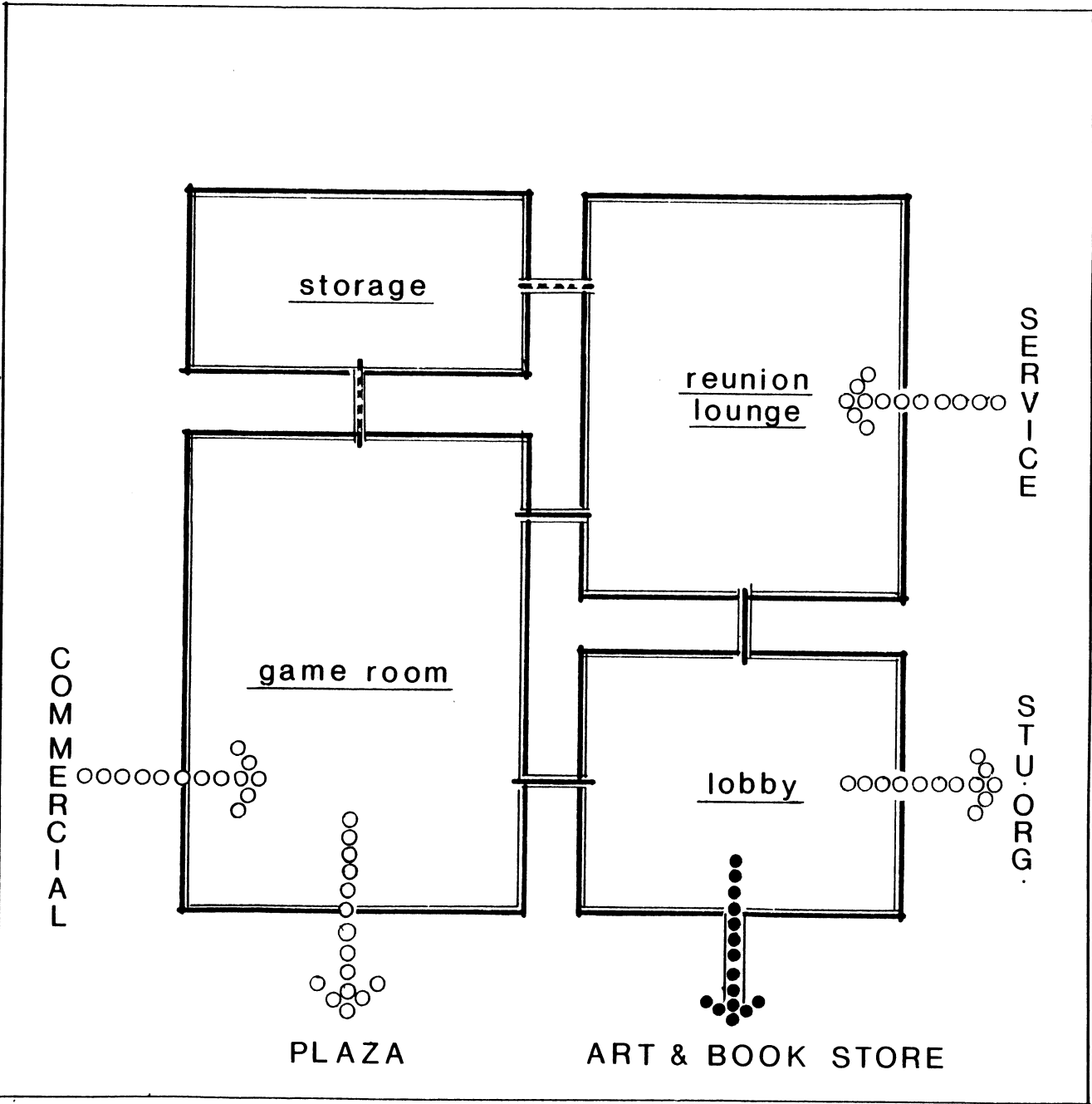
RECREATION CENTER

RECREATION CENTER

Game Room -----	1500 s.f.
Reunion Lounge -----	1000 s.f.
Equipment -----	200 s.f.
Lobby -----	70 s.f.

Gross -----	2770 s.f.
15% Circulation -----	415 s.f.

Tota; Sub-department -----	3185 s.f.
----------------------------	-----------



Area:

game room

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

- Security

- H.V.A.C.

- Plumbing

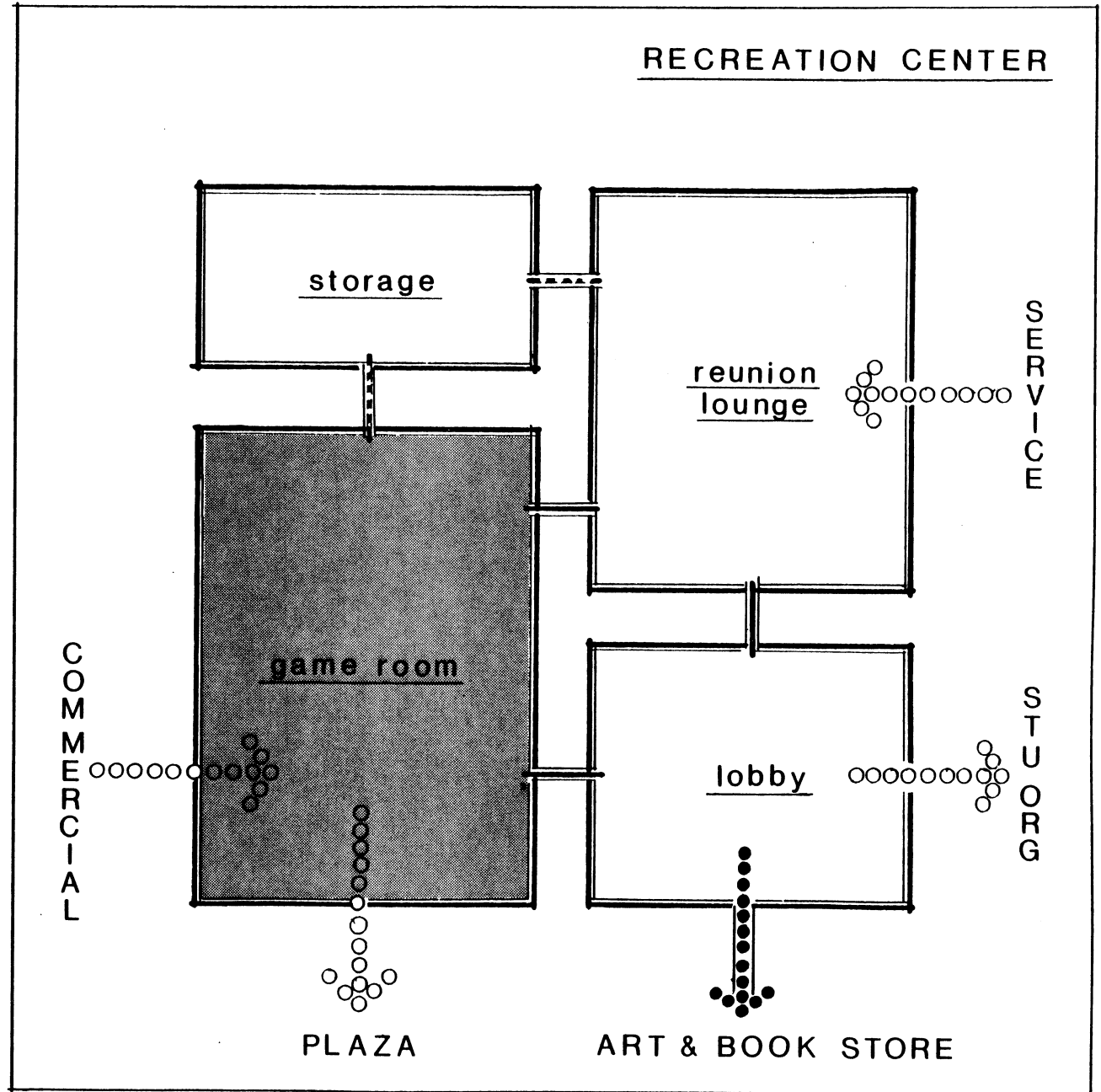
- Lighting

FINISHES

- Floor

- Walls

- Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE

Area:

reunion lounge

QUANTITY :
USERS

FUNCTION

EQUIPMENT

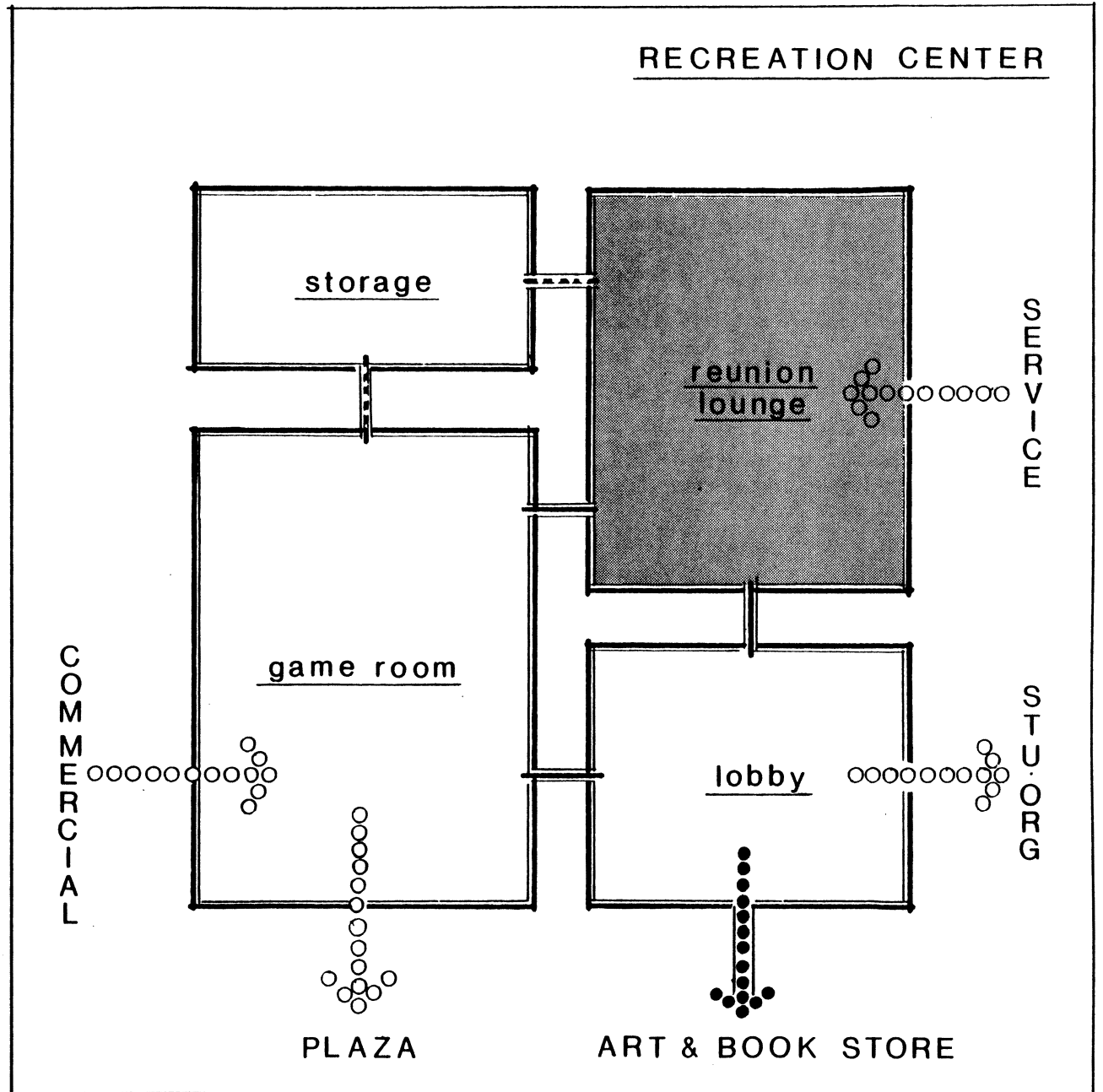
SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

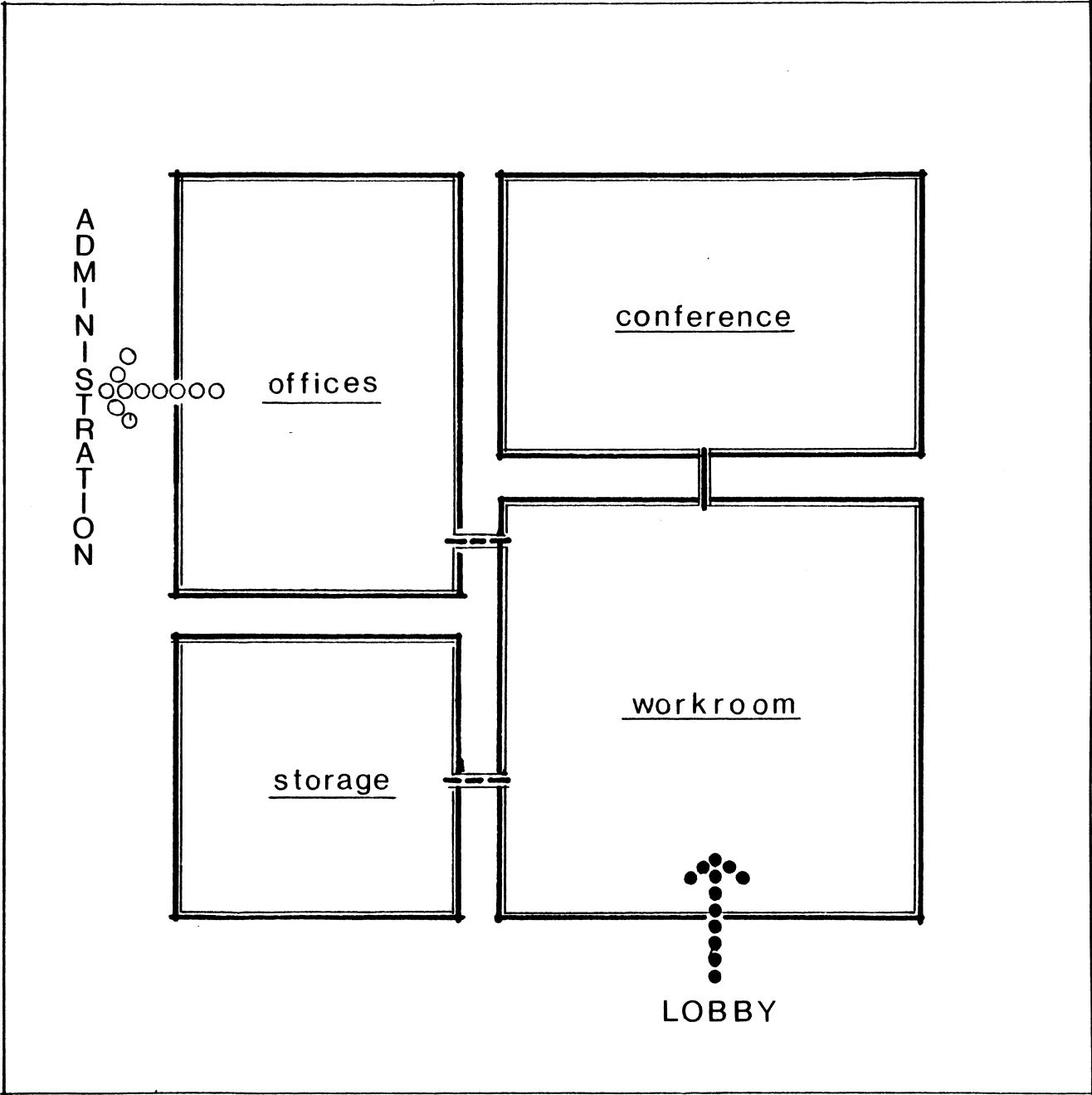
- Floor
- Walls
- Ceiling



STUDENT BODY OFFICES

STUDENT CENTER OFFICES

-----	-----	-----
Offices -----	450 s.f.	
Storage -----	250 s.f.	
Conference Room -----	300 s.f.	
Work and billboard -----	400 s.f.	
-----	-----	-----
Gross -----	1400 s.f.	
15% Circulation -----	210 s.f.	
-----	-----	-----
Total Sub-department -----	1610 s.f.	



Area:

conference room

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

- Security

- H.V.A.C.

- Plumbing

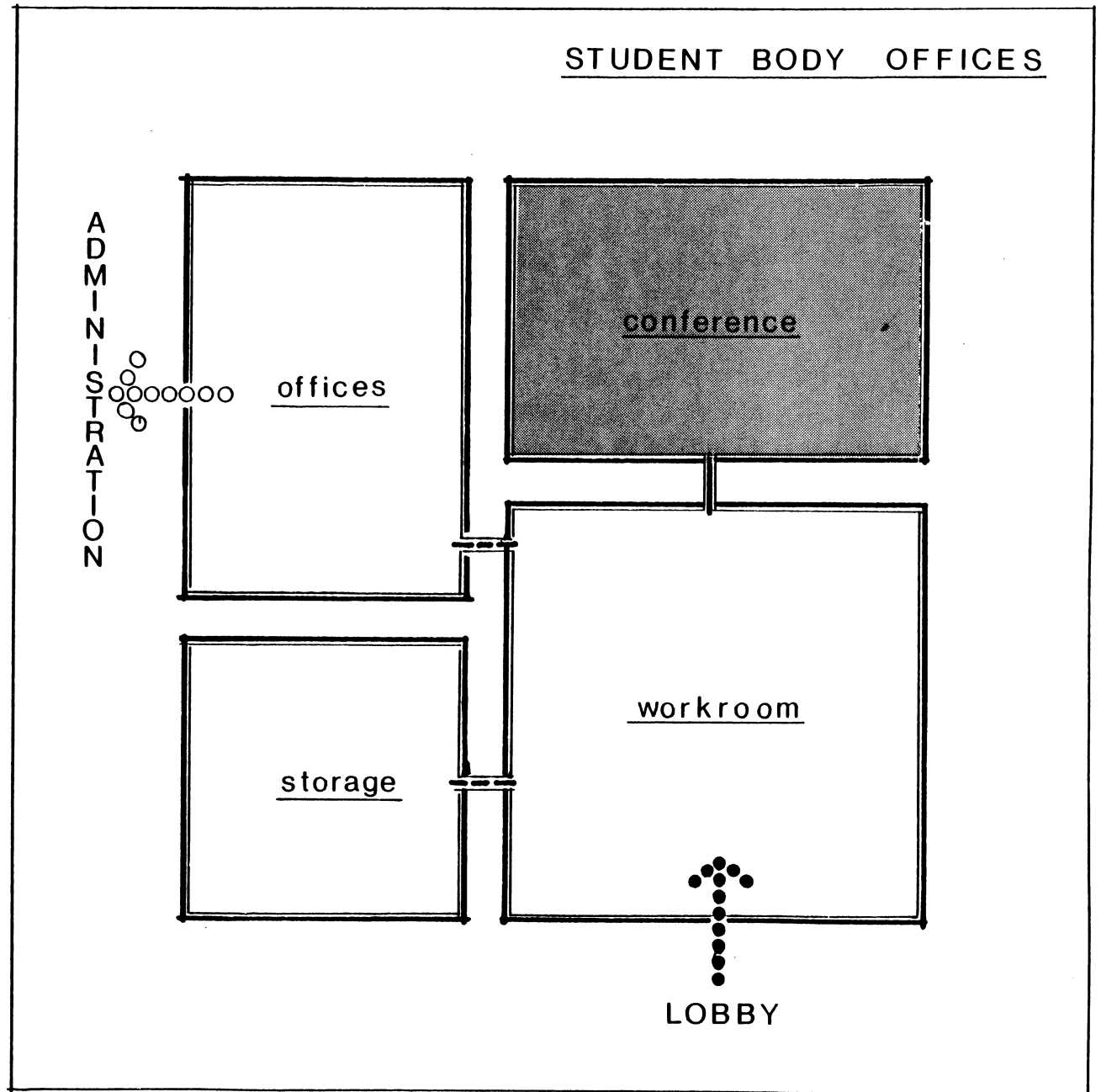
- Lighting

FINISHES

- Floor

- Walls

- Ceiling



Area:

workroom

QUANTITY:
USERS

FUNCTION

EQUIPMENT

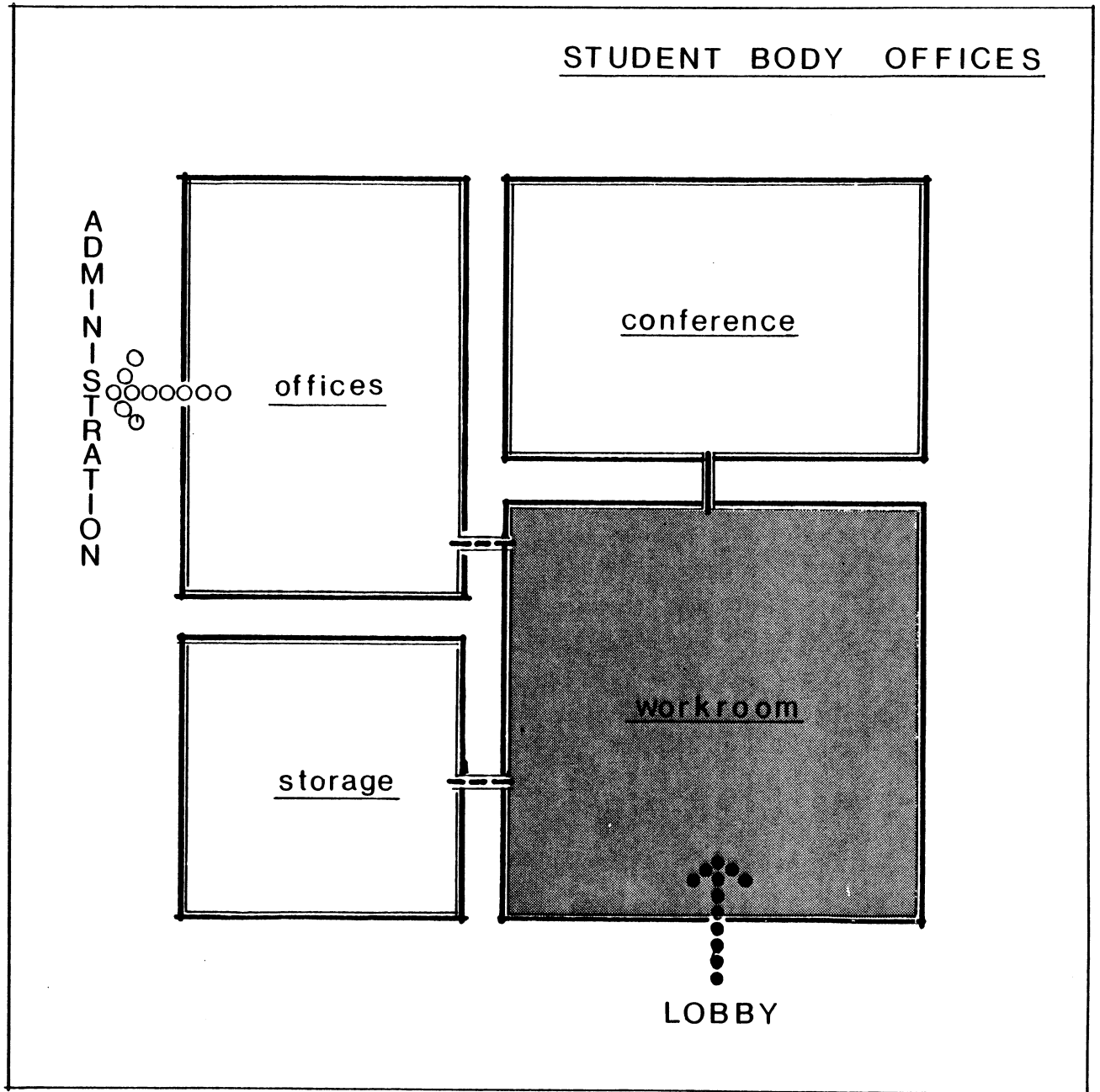
SPECIAL CONSIDERATIONS

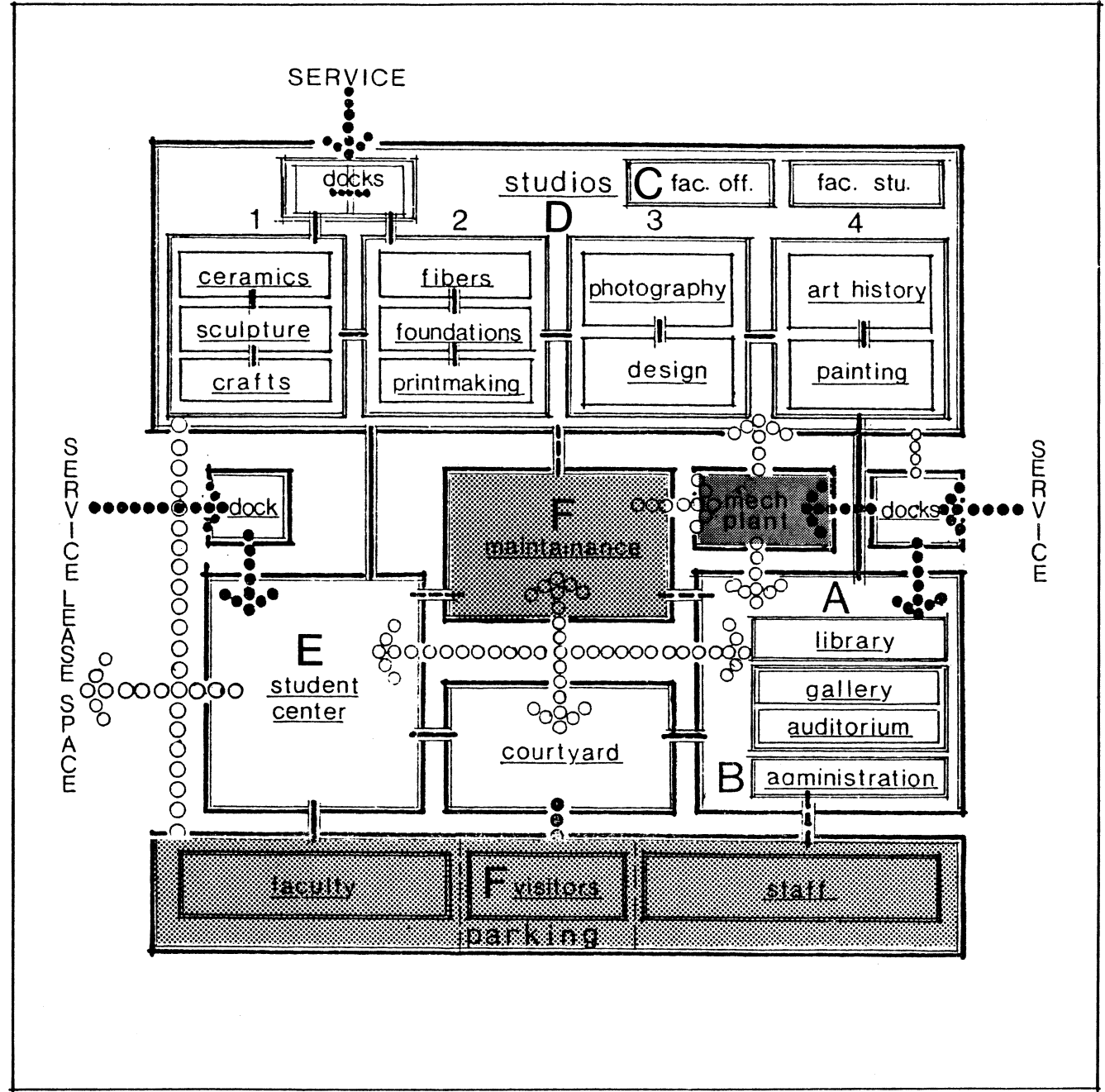
SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling





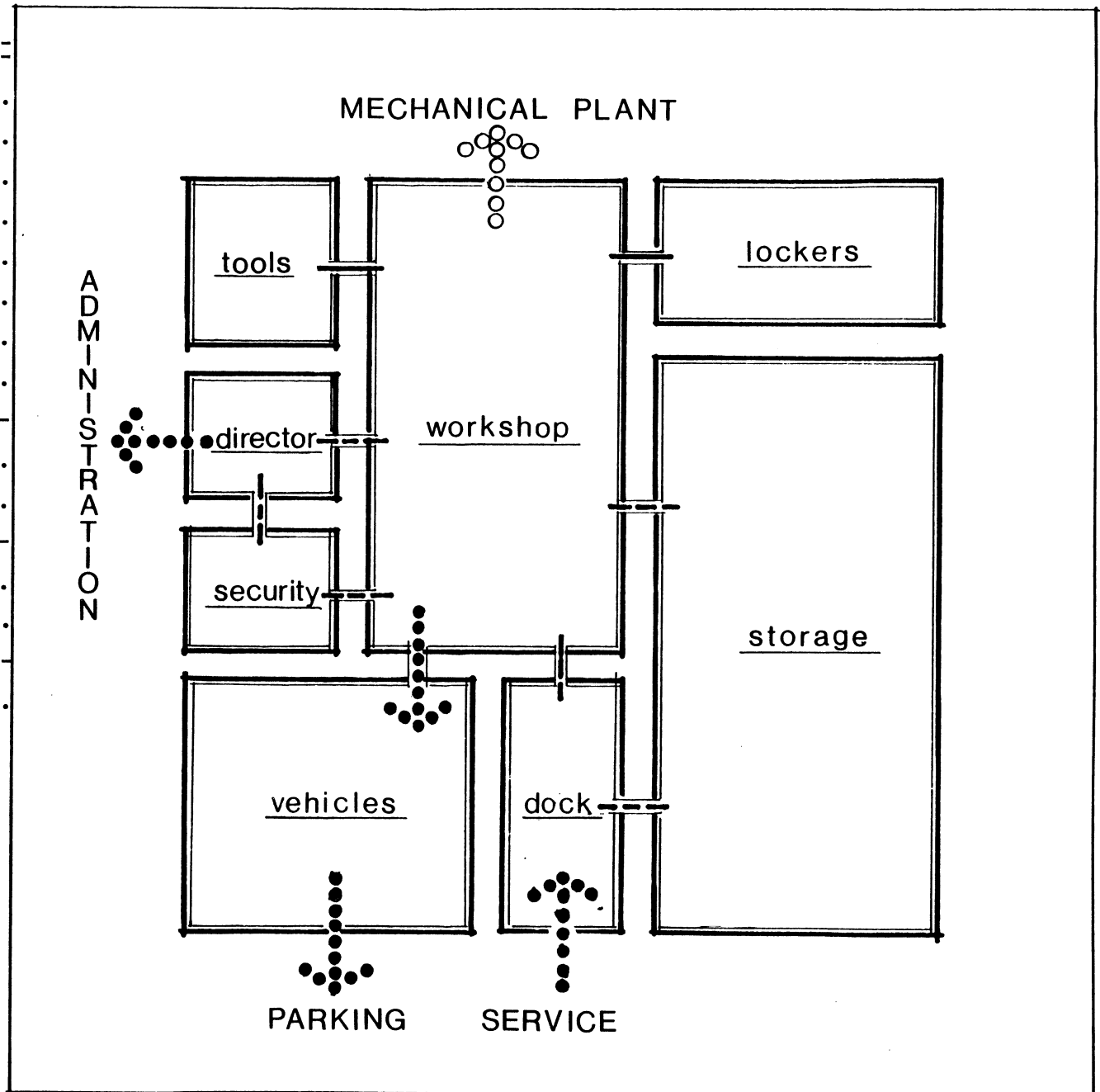
MAINTAINANCE

Workshop -----	1500 s.f.
Tool & Material Storage -----	400 s.f.
Staff Lockers -----	400 s.f.
Director's Office -----	150 s.f.
Security Room -----	100 s.f.
Equipment Storage -----	3000 s.f.
Garage of School's vehicles -	1000 s.f.
Loading Dock -----	400 s.f.

Gross -----	6950 s.f.
Storage Expansion(Segregated)	4000 s.f.

Complete Cycle -----	10950 s.f.
15% Circulation -----	1642 s.f.

Total Department -----	12592 s.f.



Area:

workshop

QUANTITY:
USERS

FUNCTION

EQUIPMENT

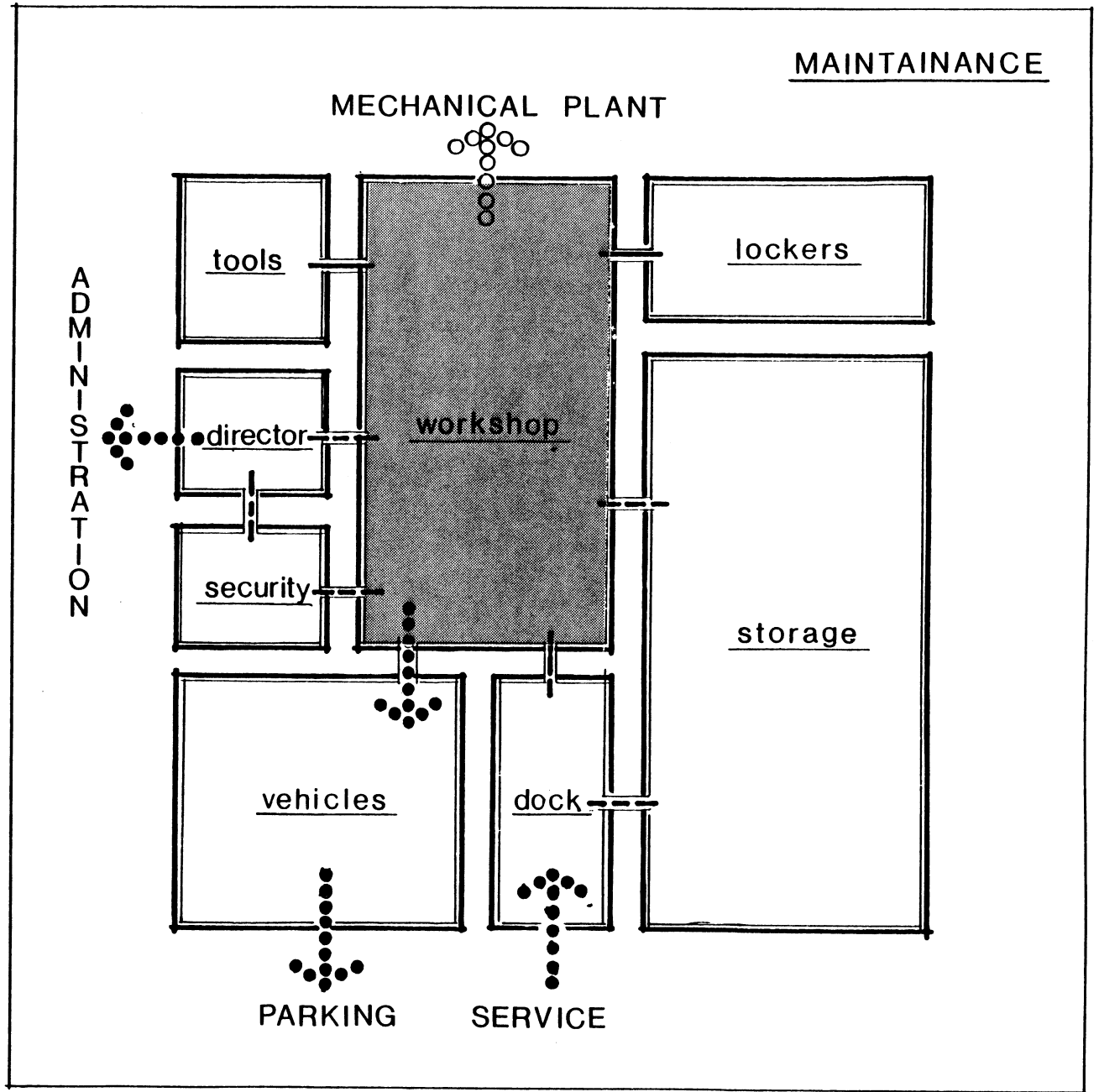
SPECIAL CONSIDERATIONS

SYSTEMS:

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



Area:

security room

QUANTITY:
USERS

FUNCTION

EQUIPMENT

SPECIAL CONSIDERATIONS

SYSTEMS:

-Security

-H.V.A.C.

-Plumbing

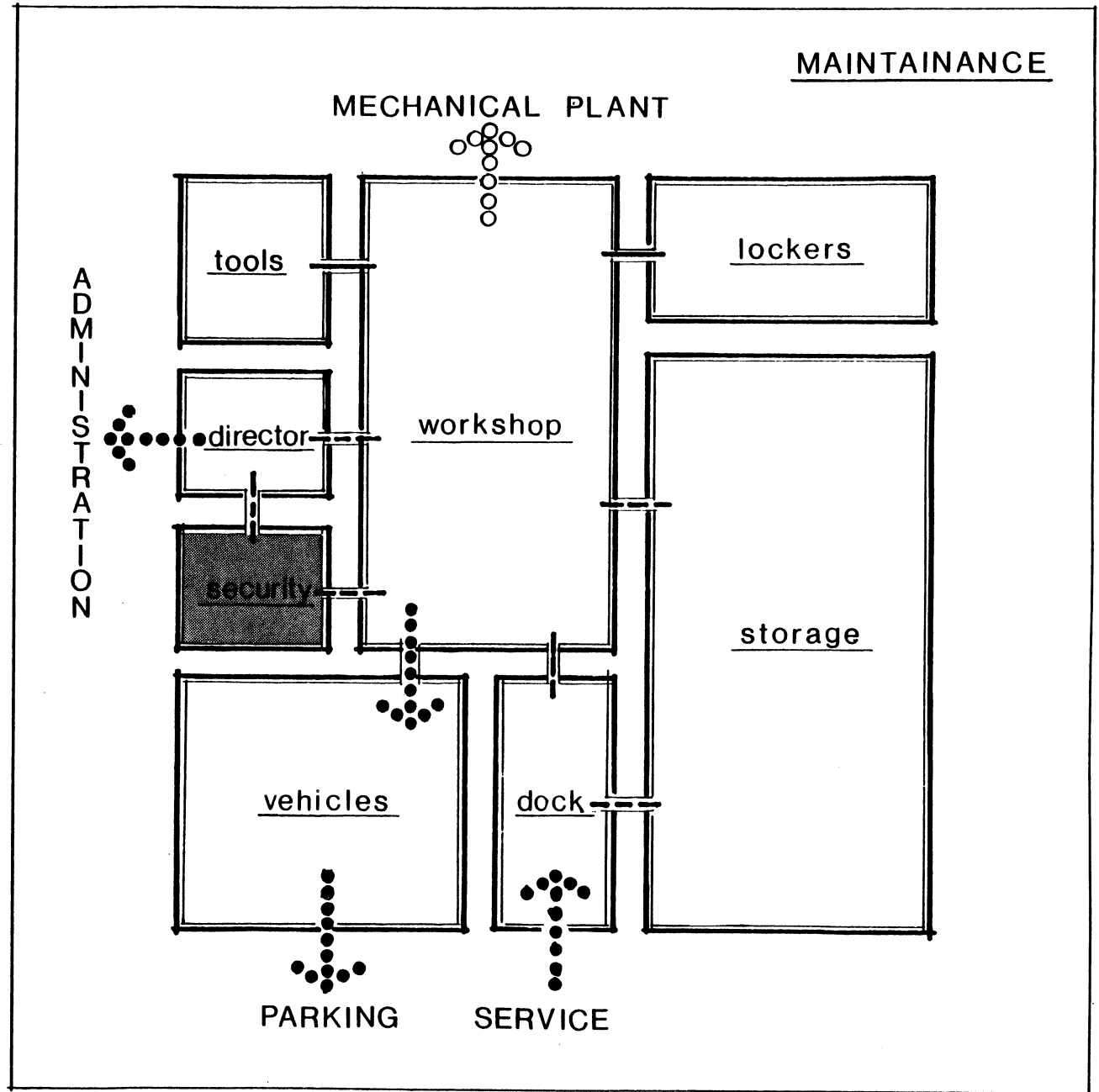
-Lighting

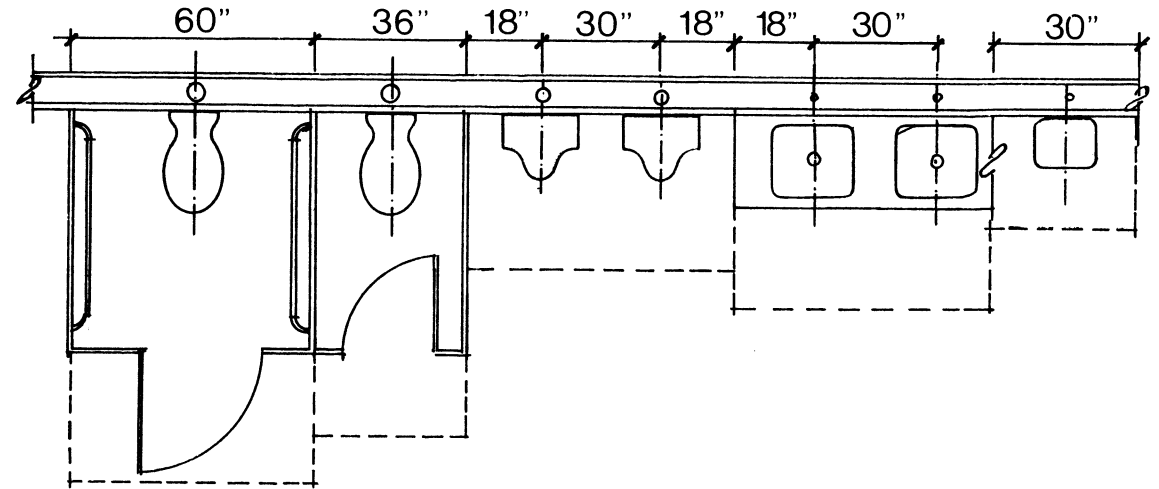
FINISHES

-Floor

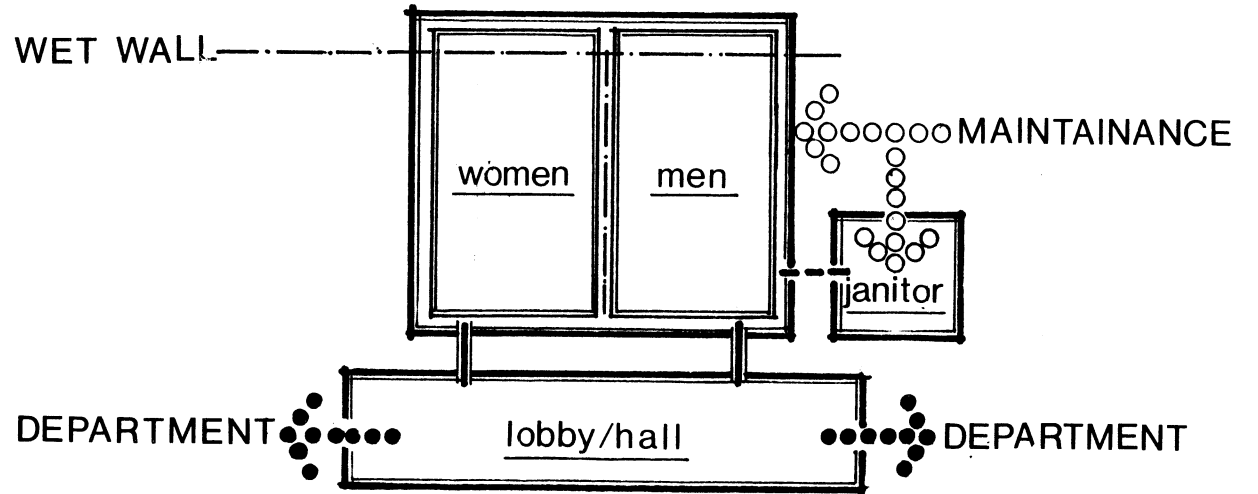
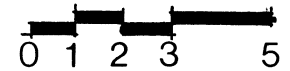
-Walls

-Ceiling





FIXTURE CLEARANCES



MECHANICAL SYSTEMS

The new art institute, as a center with several structures will house three types of systems. these would fit to the different situations that the site and existing buildings present. Because of the nature of the grouping of the new structures and the efficiency of a CENTRALIZED PLANT, this concept should be considered in those areas of the studios and the new structures. While the use of the existing Roof Top Package Units (on the 2 existing buildings) reflect the more economical solution, instead of re-piping, at laest for the time being.

System A : Individual use mechanical room, with single zone air handling

System B : Rooftop Package Unit, single zone,

System C : Central Mechanical Plant, single zone, with hot water perimeter, variable volume with hot water perimeter

AREAS

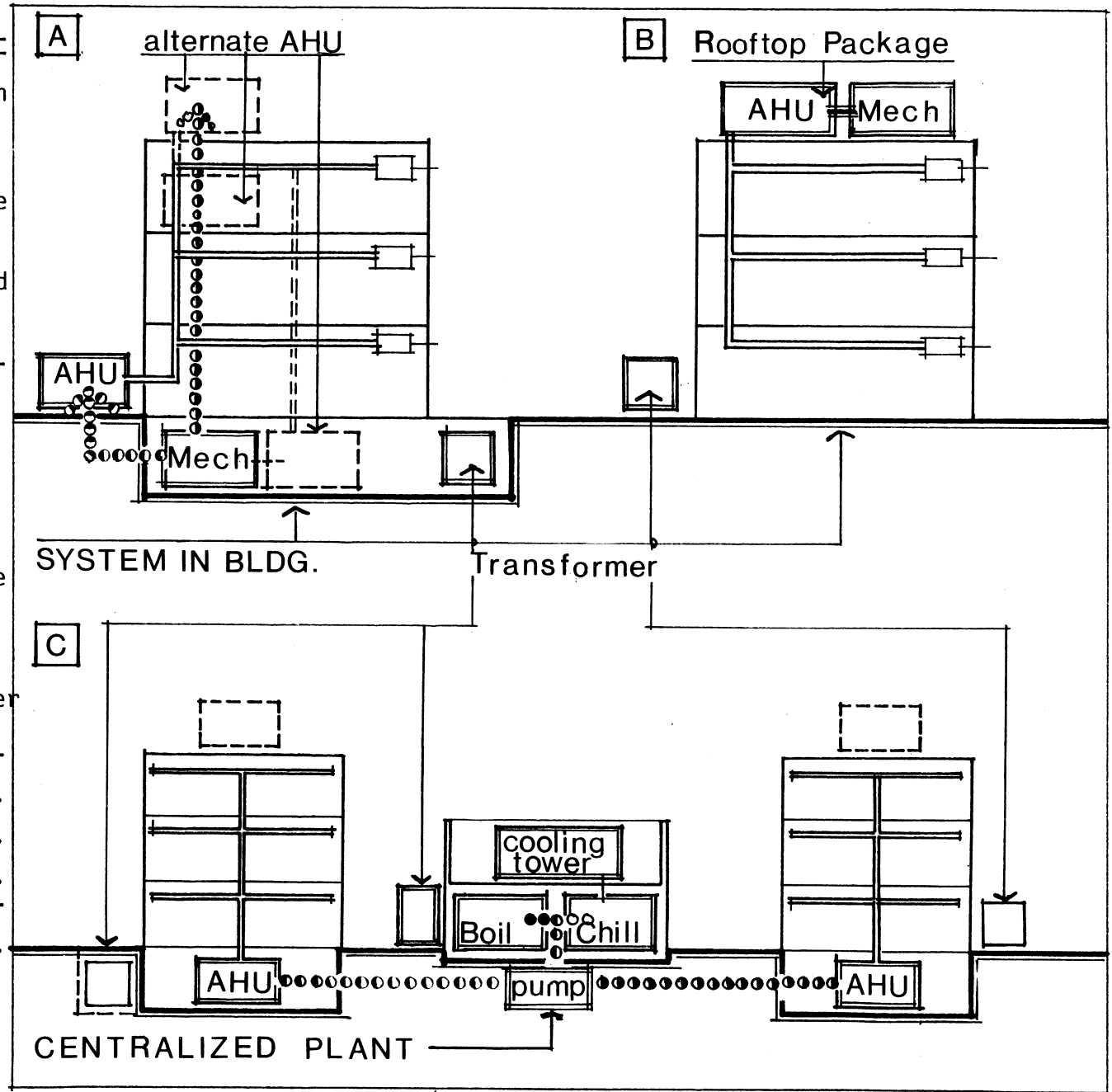
Main Mechanical @ 2% gross-- 5000 s.f.

Fan Rooms @ 4% gross----- 10000 s.f.

Distribution @ 0.5% gross--- 1250 s.f.

Total New Systems -----+16250 s.f.

Source : Yancey, Keith Oklahoma State University, Thesis 1984



PARKING

Due to the high cost of land and the availability of peripheral parking, as well as the overriding need for vegetation areas within the new institute, parking will only be provided for the faculty, staff, and visitors.

Students have the availability of renting in the 18th Street Parking Building (1200 cars) as well as parking in nearby apartment complexes and/or the outlying surface lots in the offices and warehouses surrounding the institute.

The parking needs of the new art institute will outline the minimum possible.

In order to satisfy enough area for plant material, there will be 375 square-feet per automobile.

Faculty 60 @ 375 s.f. -----22500 s.f.

Staff, 35 @ 375 s.f. -----13125 s.f.

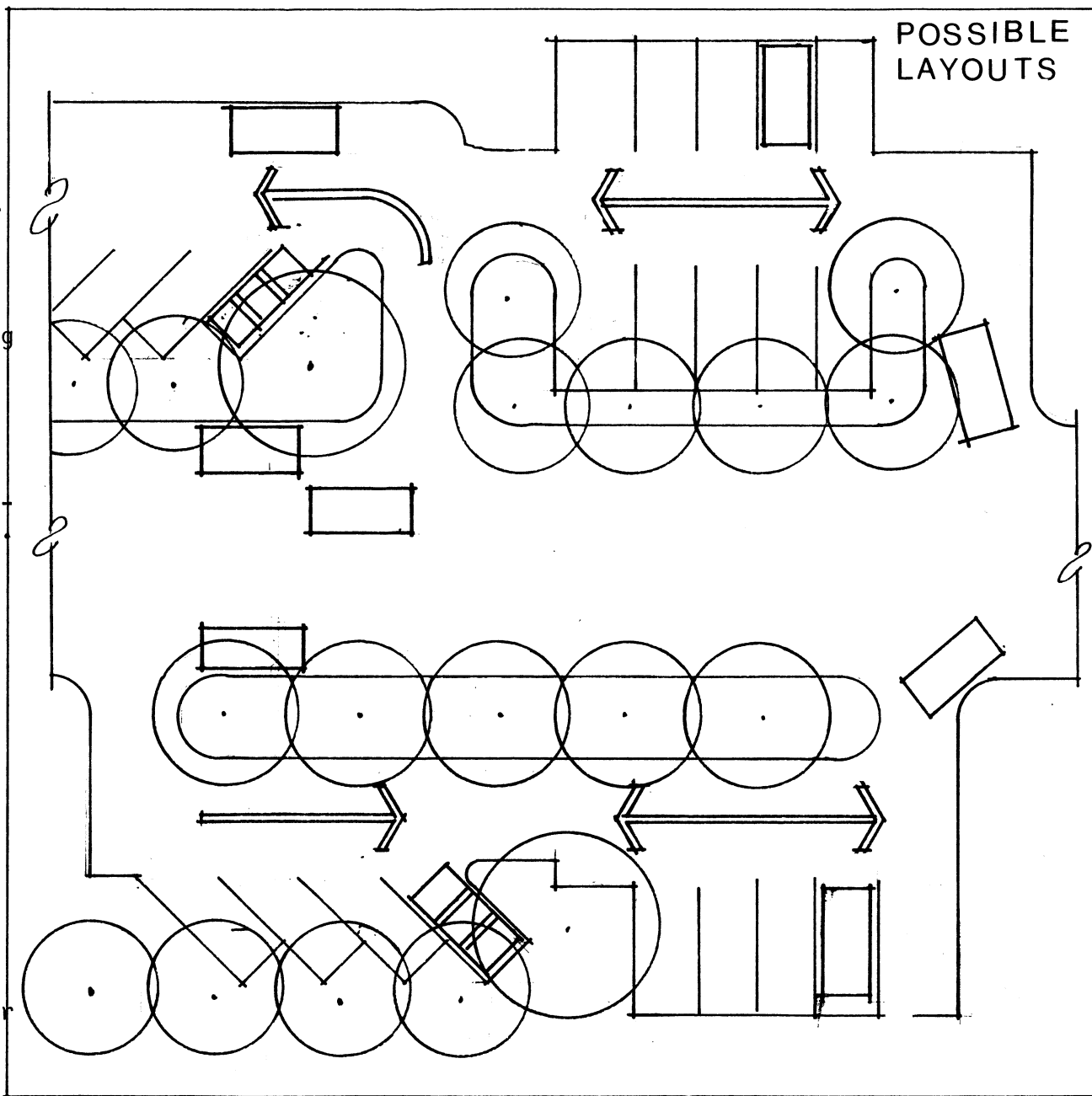
Visitors, 5 @ 375 s.f. ----- 1875 s.f.

Maintenance, 10 @ 375 s.f.-- 3750 s.f.

Total Spaces, 110 @ 375s.f.--41250 s.f.

These parking spaces could be broken-down into groups.

Careful consideration should be addressed into the layout of these and their concurrent entries.



Area:

mechanical plant

QUANTITY :
USERS

FUNCTION

EQUIPMENT

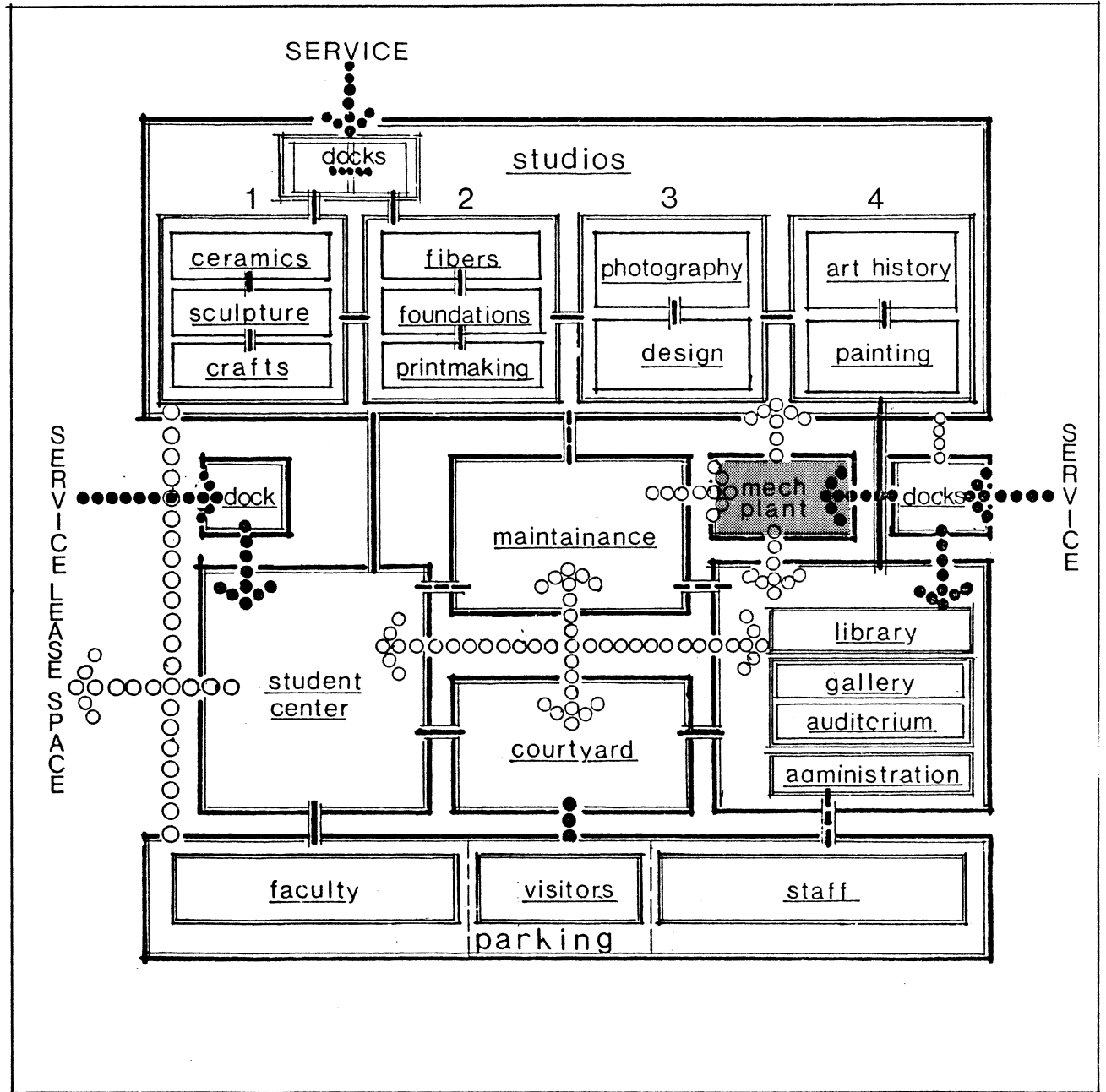
SPECIAL CONSIDERATIONS

SYSTEMS :

- Security
- H.V.A.C.
- Plumbing
- Lighting

FINISHES

- Floor
- Walls
- Ceiling



ST. LOUIS ART SPECTRUM INSTITUTE