

INTERVIEW DOCUMENTATION

When I asked the following question to television professionals:

Would it be beneficial for audiovisual communication to be incorporated into an arena, so it could be easily adaptable for television broadcasting?

The unanimous answer from all people asked was yes, and some of the comments made by the people I asked are the following:

- * A lot of arenas could be significantly better for television coverage if it was thought about when the building was designed.
- * The arenas that are not easily adaptable for suitable television coverage are a major obstruction to our network televising games there, regardless of how good or popular the team is
- * It is very beneficial to be able to hook-up our television equipment without having to run loose wires.
- * Many of the arenas do not provide the most desirable location to put our television cameras



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MULTI-PURPOSE ARENA



MUNCIE,

INDIANA



When I asked the following question to athletic administrators:

Should the arena be designed to allow for multiple functions?

Some of the comments were the following:

- * Yes, it would not be possible to finance many of the arenas unless they were designed for more than one function.
- * Yes, but anytime that you design for more than one function to take place in the same space, you take some quality away from each function.
- * Yes, you almost have to.



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CONCLUSION

My initial hypotheses have proven to be accurate as I have found through my research thus far. This research has also lead me to develop other hypotheses. The research that I have completed thus far has helped me immensely with my thesis project. Although I have only skimmed the surface, I can see that by completing accurate research, it will directly effect the design and form of my building in a positive way, and it will help to determine the extent to which the building is successful.



PROGRAM



MULTI-PURPOSE ARENA
MUNCIE, INDIANA



INTRODUCTION

Ball State University has expressed a need for a 12,000 seat multi-purpose arena. This facility shall provide adequate space for all athletic administrators, coaches, players, indoor sporting events, concerts and shows. This facility shall also provide space for some physical education classes. Careful thought and effort went into the programming and planning for this multi-purpose arena, and the result is a facility designed to be programmatically responsive, functional, and aesthetically impressive.



MULTI-PURPOSE ARENA
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OBJECTIVES

The facility shall provide the following services:

office space for all athletic administrators
office space for all coaches
locker space for each athlete
adequate space for spectator seating at sporting events
adequate space for spectator seating at concerts and shows
space for some physical education classes
shall incorporate audiovisual technology



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SEATING REQUIREMENTS

FUNCTION: To provide a comfortable environment for not less than 12,000 spectators to sit while viewing various events.

USERS: spectators of all ages
(including handicap persons)

ACTIVITIES: Each seat shall have a non obstructed view towards
athletic events
concerts and shows
large television screen

TIME OF USE: Week nights
Week-ends

IMAGE: Comfortable and aesthetically pleasing atmosphere for spectators and television broadcasting purposes.

SPACE REQUIREMENTS: 60,000 Square feet
Each chair shall be 22" in width and located on a 32" tread.

SPACE RELATIONSHIPS: Easy access from concourse level.
Easy access from meeting rooms.

EQUIPMENT: 10,500 permanent theatre back chairs
1,500 temporary theatre back chairs
Handrails located in aisles.

COMMENTS: Through questionnaires and interviews, I have found that most people would prefer the seating to encircle the court rather than have seating on the sides only. This also provides a better atmosphere for television broadcasting.



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MAIN FLOOR

FUNCTION: To provide an adequate area which is easily adaptable for various indoor sports and also provide sufficient space for concerts and shows.

USERS: Athletes
Performers
Entertainers

ACTIVITIES: Basketball (practice and game)
Indoor Soccer (practice and game)
Volleyball (practice and game)
Concerts
Shows
Commencement

TIME OF USE: Weekdays
Week nights
Week ends

IMAGE: Functional practice and game area encircled with theatre back chairs.

SPACE REQUIREMENTS: 200' x 85' (17,000 square feet)
Five means of egress
A complete court lighting system, providing adequate illumination for color television shall be provided.

SPACE RELATIONSHIPS: Easy access to locker area, game film room, official's locker, service area and storage areas.

COMMENTS: Concrete floor
Unlimited load



MULTI-PURPOSE ARENA
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LOBBY

FUNCTION: To provide adequate space to control spectator circulation towards arena seating and exits.

USERS: Administrators
Coaches
Athletes
Spectators

ACTIVITIES: Viewing trophies and display cases
Buying gifts
Controlled spectator circulation
Viewing large television screen

IMAGE: Functional and inviting environment

SPACE REQUIREMENTS: 12,000 square feet
Adequate width for proper circulation
Space for temporary gift shops
10 doors per lobby area

SPACE RELATIONSHIPS: Easy access to concourse level
Easy access to ticket office

EQUIPMENT: Display case
Large television screen
Turnstiles

COMMENTS: Graphic representations shall be displayed in this area informing spectators the direction of their seat.



MULTI-PURPOSE ARENA
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CARDINAL ROOM

FUNCTION: To provide adequate space for meeting and conferences for administrators and coaches in athletic department, and to serve as a "pre-game" space for varsity club members.

USERS: Administrators
Coaches
Varsity club members

ACTIVITIES: Meeting
Conferences
Eating (before game only)

TIME OF USE: Daytime
Prior to athletic events

IMAGE: Comfortable and aesthetically pleasing atmosphere incorporating school colors.

SPACE REQUIREMENTS: 750 square feet (total)
Kitchenette
2 means of egress
100 square feet for storage

SPACE RELATIONSHIPS: Easy access to concourse level and priority seating.

EQUIPMENT: Sink
Stove
Refrigerator
2 movie screens
2 slide projectors
1 television



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Ball State Lounge

FUNCTION: To provide adequate space where potential high school recruits can be taken before the game.

USERS: Coaches
Recruits and their parents
Administators

ACTIVITIES: Meeting space for high school recruits and coaches
Socializing

TIME OF USE: Primarily before athletic events

IMAGE: Comfortable and aesthetically pleasing atmosphere incorporating school colors.

SPACE REQUIREMENTS: 450 square feet
Display case for Ball State University Hall of Fame

SPACE RELATIONSHIPS: Easy access to concourse level and priority seating

EQUIPMENT: 4 tables
8 chairs
3 couches
Audiovisual screen



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TELEVISION FACILITIES .

FUNCTION: To incorporate and provide the most up to date, state of the art technology concerning audiovisual communication

USERS: Audience at home
Spectators at arena
coaches
Athletes

ACTIVITIES: Viewing television screens
Studing game films

TIME OF USE: Daily
During game

SPACE REQUIREMENTS: Three television platforms (42 square feet each)
Adequate space for television broadcasting.

EQUIPMENT: Facilities for two floor cameras.
Facilities for television trucks and hook-up.

COMMENTS: Large television screens shall be mounted in the lobby area which will provide an interior view of the arena. Large television screens shall be located so that each seat has visible access to a screen. This will allow great plays and close calls to be seen more than once.



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PRESS FACILITIES

FUNCTION: To provide adequate space for 30 writers and 6 radio announcers.

USERS: Press and Radio personel

ACTIVITIES: Viewing game
Writing
Typing

TIME OF USE: During athletic events

IMAGE: To blend in and compliment spectator seating.

SPACE REQUIREMENTS: 30 linear inches per writer on counter top surface.
Electric hook-up for typewriters
Telephone hook-up

SPACE RELATIONSHIPS: At courtside

EQUIPMENT: Counter
30 chairs
telephone



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HOSPITALITY ROOM

FUNCTION: To provide adequate space for press members to work and relax .

USERS: Press members

ACTIVITIES: Writing
Socializing
Relaxing
Thinking

TIME OF USE: Before and after athletic contests

IMAGE: Comfortable, functional environment containing private and public spaces.

SPACE REQUIREMENTS: 350 square feet
Space for individual work booths
Space for socializing

SPACE RELATIONSHIPS: Easy access to playing court, media room, and photo center.

EQUIPMENT: Individual writing booth
30 desk chairs
8 luxury chairs
4 tables
2 couches



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PHOTO CENTER

FUNCTION: To provide adequate space and facilities for press to develop film.

USERS: Press members

ACTIVITIES: Developing color / black & white film (complete process).

TIME OF USE: Primarily after athletic contests

IMAGE: Functional, workable and clean environment.

SPACE REQUIREMENTS: 400 square feet

SPACE RELATIONSHIPS: Easy access to Hospitality room

EQUIPMENT: All necessary equipment to develop film.
Sink



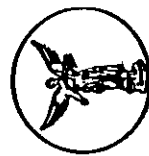
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MEDIA ROOM

FUNCTION: To provide adequate space for coaches to field post game comments from press members.

USERS: Coaches
Press members

ACTIVITIES: Talking
Answering questions verbally
Writing
Filming for local news

TIME OF USE: After athletic contests.

IMAGE: Aesthetically pleasing atmosphere.

SPACE REQUIREMENTS: 600 square feet
Two means of egress
Space for three hand-held television cameras
Sound absorption materials on walls and ceiling

SPACE RELATIONSHIPS: Easy access to home locker, visiting locker, and hospitality room.

EQUIPMENT: 2 podiums with microphone.
40 chairs with attached desk for taking notes.



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LOCKER ROOMS

FUNCTION: To provide adequate space for athletes to change, shower, and prepare for athletic contests and practices.

USERS: Coaches
Basketball team (men and women)
Volleyball team (men and women)
Track team (men and women)
Baseball team
Students enrolled in racquetball or dance classes.

ACTIVITIES: Showering
Changing and storing clothes
Restroom
Meetings at halftime of athletic contests.

TIME OF USE: Daily

IMAGE: Clean, comfortable environment.

SPACE REQUIREMENTS: 6,700 square feet (includes all locker areas).
650 sq.ft. (basketball men)
650 sq.ft. (basketball women)
650 sq.ft. (volleyball men)
650 sq.ft. (volleyball women)
1000 sq.ft. (track men)
1000 sq.ft. (track women)
1000 sq.ft. (baseball)
600 sq.ft. (dancers men and women)
600 sq.ft. (students men and women)

SPACE RELATIONSHIPS: Easy access to practice areas, dance studio, racquetball courts and laundry areas.

EQUIPMENT: Locker facility for each athlete
Chalkboard
Shower facility
mirrors
Lavatories
Toilet Facilities



MULTI-PURPOSE ARENA



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OFFICIALS LOCKER

FUNCTION: To provide adequate space for game officials to change clothes and shower before and after game.

USERS: Game officials (including male and female).

ACTIVITIES: Showering
Restroom
Lounging
Changing clothes

TIME OF USE: During games

SPACE REQUIREMENTS: Shower and toilet Facilities.
Chairs
Storage locker

SPACE RELATIONSHIPS: Easy access from playing court.

COMMENTS: This space shall also be used at halftime to provide a space for officials to relax.
The design shall consider male and female officials working the same game.

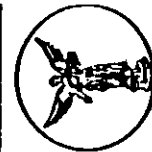


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GAME FILM ROOM

FUNCTION: To provide adequate space and facilities for athletic teams and coaches to study game films.

USERS: Athletes
Coaches and assistant coaches

ACTIVITIES: Viewing game films
Writing on chalkboard
Taking notes
Talking, lecturing

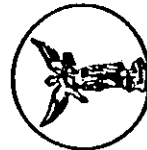
TIME OF USE: Daily

IMAGE: Comfortable and aesthetically pleasing

SPACE REQUIREMENTS: 400 square feet
Seating for 20 persons
Space for chalkboard

SPACE RELATIONSHIPS: Easy access to locker and practice areas.

EQUIPMENT: 20 chairs
Television
Video cassette recorder
Chalkboard



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TRAINING ROOM

FUNCTION: To provide adequate space for athletes and coaches to receive medical and rehabilitation treatment.

USERS: Athletes
Coaches

ACTIVITIES: Receiving medical treatment
Taping ankles
Sitting in sauna
Sitting in whirlpool

TIME OF USE: Daily

IMAGE: Functional and Aesthetically pleasing.

SPACE REQUIREMENTS: 2,500 square feet
2 means of egress
Space for two offices
Sauna
Steam room

SPACE RELATIONSHIPS: Easy access from locker areas.

EQUIPMENT: 10 taping beds
10 whirlpools
Storage cabinets

COMMENTS: Adequate storage space shall be provided for supplies.



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WEIGHT ROOM

FUNCTION: To provide adequate space for athletes to lift weights and exercise in order to increase their strength.

USERS: Athletes

ACTIVITIES: Lifting weights
Exercising

TIME OF USE: Daily

IMAGE: Clean and functional environment

SPACE REQUIREMENTS: 2,500 square feet
Space for free weights and weight machines
Space for exercise and warm-up
Adequate ventilation for moderate to heavy activity

SPACE RELATIONSHIPS: Easy access to locker areas.

EQUIPMENT: Free weights
weight machines



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LAUNDRY ROOM

FUNCTION: To provide adequate space to wash, dry, and fold uniforms and practice clothes.

USERS: Managers of various athletic teams
Custodians

ACTIVITIES: Washing clothes
Drying clothes
Folding clothes
Hanging clothes

TIME OF USE: Daily

IMAGE: Clean environment

SPACE REQUIREMENTS: 500 square feet
20 linear feet for counter
20 linear feet for hang-up space

SPACE RELATIONSHIPS: Easy access to locker areas.

EQUIPMENT: 4 industrial washing machines
6 industrial dryers
counter
hang-up rack



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STAR DRESSING ROOMS

FUNCTION: To provide adequate space for entertainers to prepare for a performance.

USERS: Entertainers
Singers

ACTIVITIES: Changing clothes
Applying make-up
washing face

TIME OF USE: Prior to and after performances

IMAGE: Comfortable and inviting environment

SPACE REQUIREMENTS: 4 star dressing rooms
150 square feet per dressing room

SPACE RELATIONSHIPS: Easy access to stage area and service entrance.

EQUIPMENT: Each to contain sink, mirror, dressing area, make-up counter and toilet facilities.



MULTI-PURPOSE ARENA
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OFFICES

FUNCTION: To provide adequate space for light office work.

USERS: Athletic administrators
Coaches
Assistant coaches
Secretaries

ACTIVITIES: Writing
Typing
Filing
Telephone conversations
Small meetings
Reading

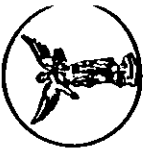
TIME OF USE: Business hours during the week

IMAGE: Comfortable and aesthetically pleasing environment.

SPACE REQUIREMENTS: 9,600 square feet (total)
120 square feet per office (average)
Provide confidential privacy
Proper ventilation for light office work.

SPACE RELATIONSHIPS: Easy access to Cardinal room and entrance.

EQUIPMENT: Desk and chair
Credenza
Chairs for small meetings
Small table
Bookcase
Telephone
Typewriter



MULTI-PURPOSE ARENA
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SPORTS INFORMATION CENTER

FUNCTION: To provide adequate space to organize up coming events and provide general information to the public.

USERS: Administrative workers
Public
Students

ACTIVITIES: Office work
Organizing events and providing information

TIME OF USE: Business hours during the week.

IMAGE: Aesthetically pleasing environment incorporating the school colors.

SPACE REQUIREMENTS: 250 square feet
Space to display information on video screen.

SPACE RELATIONSHIPS: Easy access to lobby and concourse areas.

EQUIPMENT: 2 Desk with chairs
20 foot counter



MULTI-PURPOSE ARENA
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ATHLETIC TICKET OFFICE

FUNCTION: To provide adequate space for the distribution of tickets for various events.

USERS: Public
Students
Administrative workers

ACTIVITIES: Organizing and distributing tickets.

TIME OF USE: Business hours during week.

IMAGE: Aesthetically pleasing environment incorporating the school colors.

SPACE REQUIREMENTS: 400 square feet.
twenty-five linear feet of counter space.
Six box windows to distribute tickets.

SPACE RELATIONSHIPS: Easy access to lobby areas.

EQUIPMENT: 4 desks and chairs
Counter
File cabinets
Storage cabinets



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PHYSICAL EDUCATION FACILITIES

RACQUETBALL COURTS

FUNCTION: To provide space for students participating in racquetball class to play racquetball.

USERS: Students

ACTIVITIES: Playing racquetball

TIME OF USE: Daily

SPACE REQUIREMENTS: 40' x 20'
20' high ceiling
4'-6" x 2'-0" entrance door
Wood floor
Observation window

SPACE RELATIONSHIPS: Easy access to locker areas

COMMENTS: This space may be used by other students and staff members when class is not in session.



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DANCE STUDIOS

FUNCTION: To provide adequate space for dance classes.

USERS: Students in dance classes
Students in the professional majors program.

ACTIVITIES: Dancing
Exercising

TIME OF USE: Daily

IMAGE: Functional atmosphere for dancing

SPACE
REQUIREMENTS: 2,500 square feet

SPACE
RELATIONSHIPS: Easy access from locker facilities.

EQUIPMENT: Exercise bar
Mirror



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SUPPORT AREAS

RECEIVING / SERVICE AREA

FUNCTION: To provide adequate space for service with easy access to service drive.

USERS: Service personelle

ACTIVITIES: Television truck hook-up
Unloading and temporary storage

TIME OF USE: Prior to various events.

SPACE REQUIREMENTS: 6,000 square feet
Large service door for truck access.

SPACE RELATIONSHIPS: Easy access to arena floor.

COMMENTS: Adequate ceiling height for trucks shall be provided.



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SECURITY AREA

FUNCTION: To provide space for security officers and temporary detention rooms.

USERS: Security officers
Violators

TIME OF USE: Game time

SPACE REQUIREMENTS: 300 square feet
Temporary detention room

SPACE RELATIONSHIPS: Easy access to spectator seating.

EQUIPMENT: 2 Desk with chairs
telephone
closed circuit television monitors.

FIRST AID

FUNCTION: To provide space for emergency minor emergency medical treatment.

USERS: Spectators

ACTIVITIES: Minor first aid treatment.

SPACE REQUIREMENTS: 200 square feet

SPACE RELATIONSHIPS: Easy access from spectator seating.



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TOILET FACILITIES

USERS: Spectators

TIME OF USE: During various events

SPACE

REQUIREMENTS: Lavatories 1 per 300 men
1 per 200 women
Watercloset 1 per 500 men
1 per 100 women
Urinals 1 per 100 men

SPACE

RELATIONSHIPS: Appropriately distributed with easy access from arena seating.

EQUIPMENT:

Mirrors with shelves
soap dispensers
electric hand dryers
toilet partition
handicap accessible



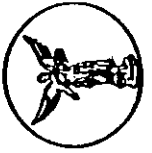
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SCOREBOARD REQUIREMENTS

- FUNCTION:** To provide specific information concerning athletic events such as score, time remaining, messages, fouls per team, fouls per player, and which team is in the bonus situation.
- USERS:** Coaches
Players
Spectators
- TIME OF USE:** During athletic contests
- IMAGE:** High tech appearance incorporating Ball State University colors.
- EQUIPMENT:** Two to four scoreboards depending on layout of arena.
- COMMENTS:** Players shall have easy visible access to a scoreboard from playing court.
Each spectator shall have easy visible access to a scoreboard from each seat.
Adequate space shall be provided for the scoreboard operator and official scorer at courtside.



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MECHANICAL ROOM

FUNCTION: To provide adequate space to house all mechanical equipment.

SPACE REQUIREMENTS: 7,000 square feet
Adequate ceiling height for all equipment.

CIRCULATION

FUNCTION: To provide adequate space to control spectator circulation.

ACTIVITIES: Walking
Buying gifts
Buying concessions
Driving small service vehicles

SPACE REQUIREMENTS: 20% of total floor area shall be used for circulation.



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CONCESSION STANDS

FUNCTION: To provide adequate space for preparing and purchasing concessions.

USERS: Spectators
Workers

ACTIVITIES: Cooking
Buying

SPACE REQUIREMENTS: Appropriately distributed.
Six linear feet per 400 spectators.

SPACE RELATIONSHIPS: Easy access from arena seating.

EQUIPMENT: Cookers
Warmers
Beverage storage
Freezers
Coolers
Exhaust systems

COMMENTS: Temporary concession stands may be located on the concourse level.

DRINKING FOUNTAINS

An adequate number of drinking fountains shall be provided.

PUBLIC TELEPHONES

An adequate number of drinking fountains shall be provided.



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SPACE SUMMARY

ARENA REQUIREMENTS

SEATING REQUIREMENTS (12,000)	60,000 SQ.FT.
MAIN FLOOR (200 X 85)	17,000 SQ.FT.
LOBBY	12,000 SQ.FT.
CARDINAL ROOM	750 SQ.FT.
BALL STATE LOUNGE	450 SQ.FT.
	90,200 SQ.FT.

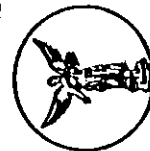
TELEVISION FACILITIES

PRESS FACILITIES

HOSPITALITY ROOM	350 SQ.FT.
PHOTO CENTER	400 SQ.FT.
MEDIA ROOM	600 SQ.FT.
	1,350 SQ.FT.

ATHLETIC FACILITIES

LOCKER ROOMS (ALL ATHLETES)	6,700 SQ.FT.
OFFICIALS LOCKER	350 SQ.FT.
GAME FILM ROOM	400 SQ.FT.
TRAINING ROOM	2,500 SQ.FT.
WEIGHT ROOM	2,500 SQ.FT.
LAUNDRY ROOM	500 SQ.FT.
STAR DRESSING ROOMS	600 SQ.FT.
	13,550 SQ.FT.



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ADMINISTRATION

OFFICES (Including administrative and coaches)	9,600 SQ.FT.
SPORTS INFORMATION CENTER	250 SQ.FT.
ATHLETIC TICKET OFFICE	400 SQ.FT.
	10,250 SQ.FT.

STUDENT FACILITIES

RACQUETBALL COURTS (4 COURTS)	3,200 SQ.FT.
DANCE STUDIO	2,500 SQ.FT.
	5,700 SQ.FT.

SUPPORT AREAS

RECEIVING / STORAGE	6,000 SQ.FT.
SECURITY AREA	300 SQ.FT.
FIRST AID	200 SQ.FT.
TOILET FACILITIES	4,000 SQ.FT.
MECHANICAL ROOM	7,000 SQ.FT.
CIRCULATION (20% FLOOR AREA)	28,000 SQ.FT.
WALL THICKNESS (3% FLOOR AREA)	4,200 SQ.FT.
CONCESSION STANDS	2,000 SQ.FT.

51,700 SQ.FT.

TOTAL

172,750 SQ.FT.



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CHARACTER

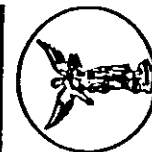
The character of the arena should be a dynamic form with the potential to be viewed as sacred. The arena has the potential to be a dynamic structure and it could be used to soften the rigid context and introduce new materials to the surrounding environment.

FUNCTION

The proposed arena shall house multiple indoor activities while providing adequate space for spectators to view the various events. It shall also provide adequate space and meet the needs of athletic administrators, coaches, and athletes.

ORGANIZATION

Locker areas should be on lower level adjacent to playing court. Service and receiving should also be on this level to allow access to the main floor. Administrative offices should be located on the ground level. Lobby areas should have easy and visible access to concourse level which leads to arena seating.



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ELEVATORS

An elevator shall serve both levels of the arena, the type and location of the elevator shall be determined by the analysis of the final plans.

LIGHTING

Adequate general illumination shall be provided throughout the arena.

SOUND SYSTEMS

A complete sound system shall serve the entire arena to include distributed loudspeaker system, auxiliary speakers for concourse, lockers, offices, etc. for event announcing, paging, music, and broadcasting.



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EXTERIOR CRITERIA

LANDSCAPING

Landscaping can and should be used to help define main entry points and create pleasant outdoor spaces. The approaches to the arena should be addressed in the design of the site, and this inward focus should continue from the site towards towards the playing court.

PARKING

It is extremely important to provide adequate parking for large crowds with as short of walk to the arena entrances as possible.

LIGHTING

Lighting should be used to enhance the arena. The exterior spaces shall be lit for safety purposes.



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SITE DATA AND REQUIREMENTS

The site of this proposed multi-purpose arena is located on the Ball State University campus in Muncie, Indiana. The site is bound on the west by a large dormitory, a field house on the south, and parking lots on the north and east. Adequate access and egress to and from the peripheral system shall be provided.

A separate entrance adjacent to the arena shall be provided for bus and professional drivers to minimize conflict with other traffic. Appropriate graphics, safety and control devices, and equipment to aid vehicular and pedestrian movement shall be provided. A service drive shall be provided to allow for the delivery of equipment to the arena. This entrance shall also be used by participating teams, performers and press.



MULTI-PURPOSE ARENA



INDIANA

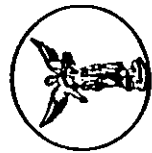
MUNCIE,



BALL STATE
UNIVERSITY

C O S T E S T I M A T E

BUILDING COST (172,750 SQ.FT. x \$50 / SQ.FT.)	=	\$ 8,637,500
FIXED EQUIPMENT (12% OF BUILDING COST)	=	\$ 1,036,500
SITE DEVELOPMENT (15% OF BUILDING COST)	=	\$ 1,295,625
 TOTAL CONSTRUCTION COST	=	 \$ 10,969,125
 MOVABLE EQUIPMENT (7% OF BUILDING COST)	=	 \$ 604,625
PROFESSIONAL FEES (8% OF CONSTRUCTION COST)	=	\$ 877,530
CONTINGENCIES (10% OF CONSTRUCTION COST)	=	\$ 1,096,912
ADMINISTRATIVE COSTS (2% OF CONSTRUCTION COST)	=	<u>\$ 219,382</u>
 TOTAL COST		 \$ 24,737,199



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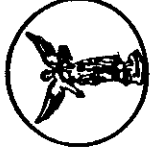


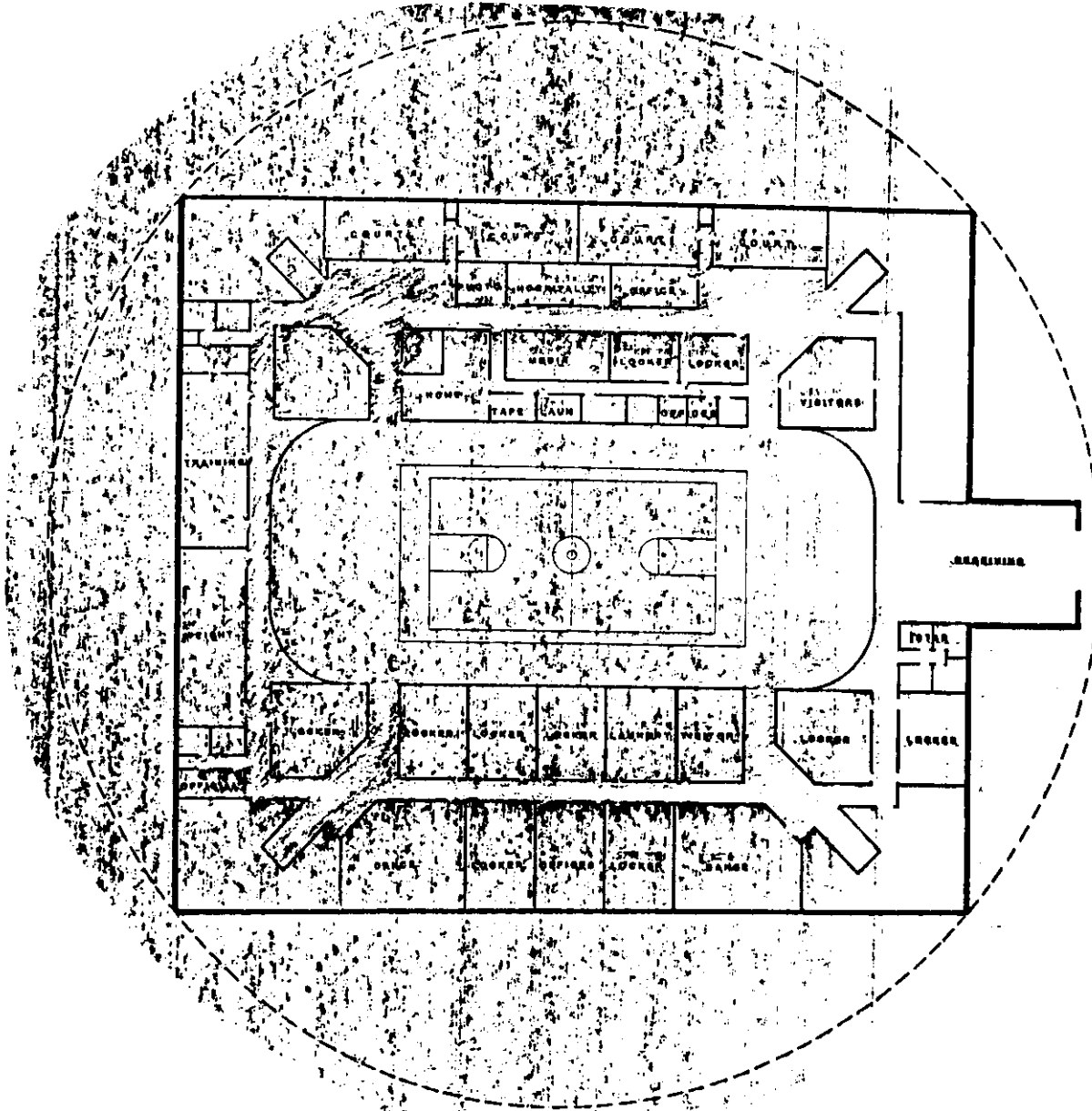
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DESIGN DEVELOPMENT



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Floor Level



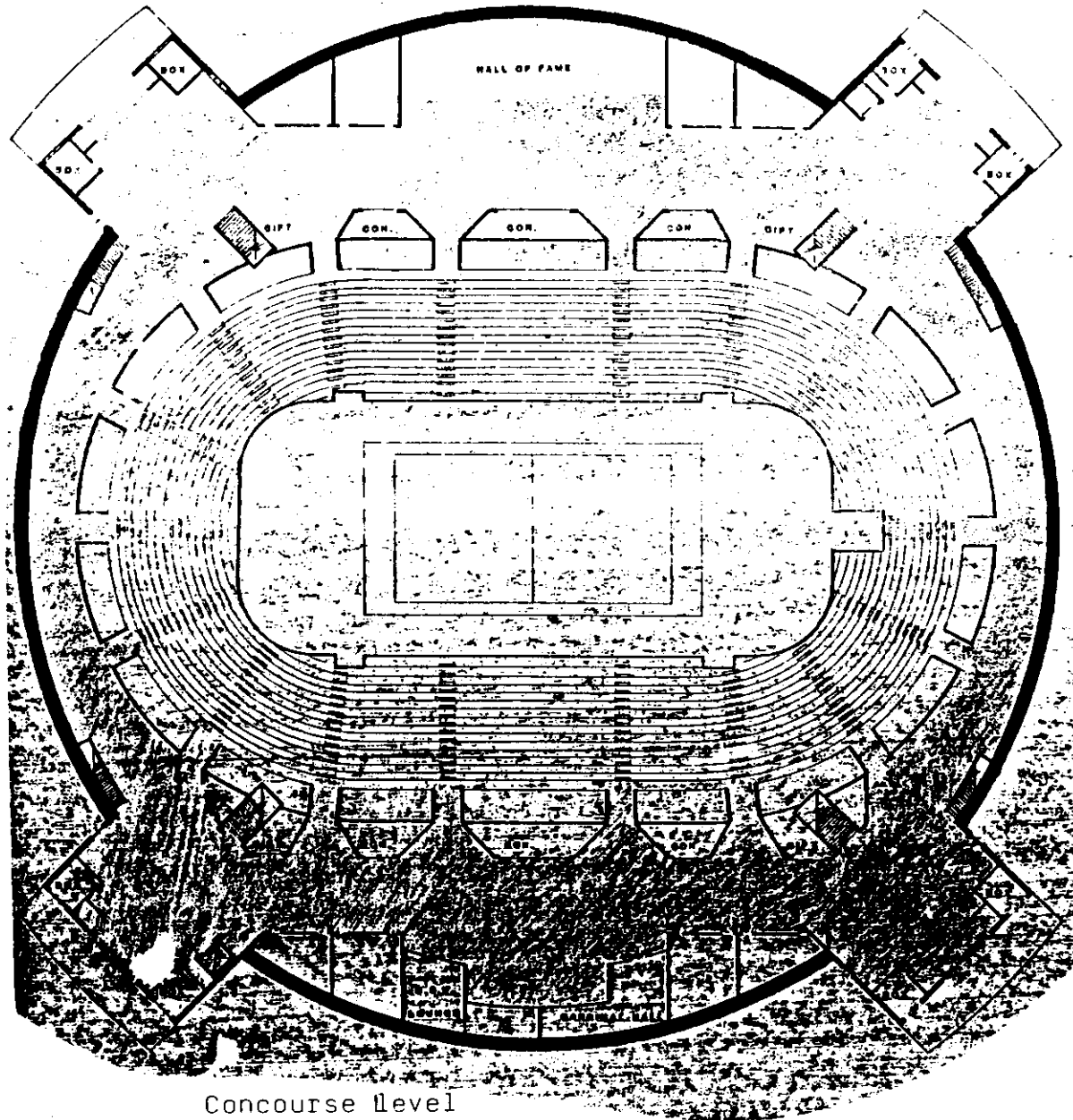
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Concourse level



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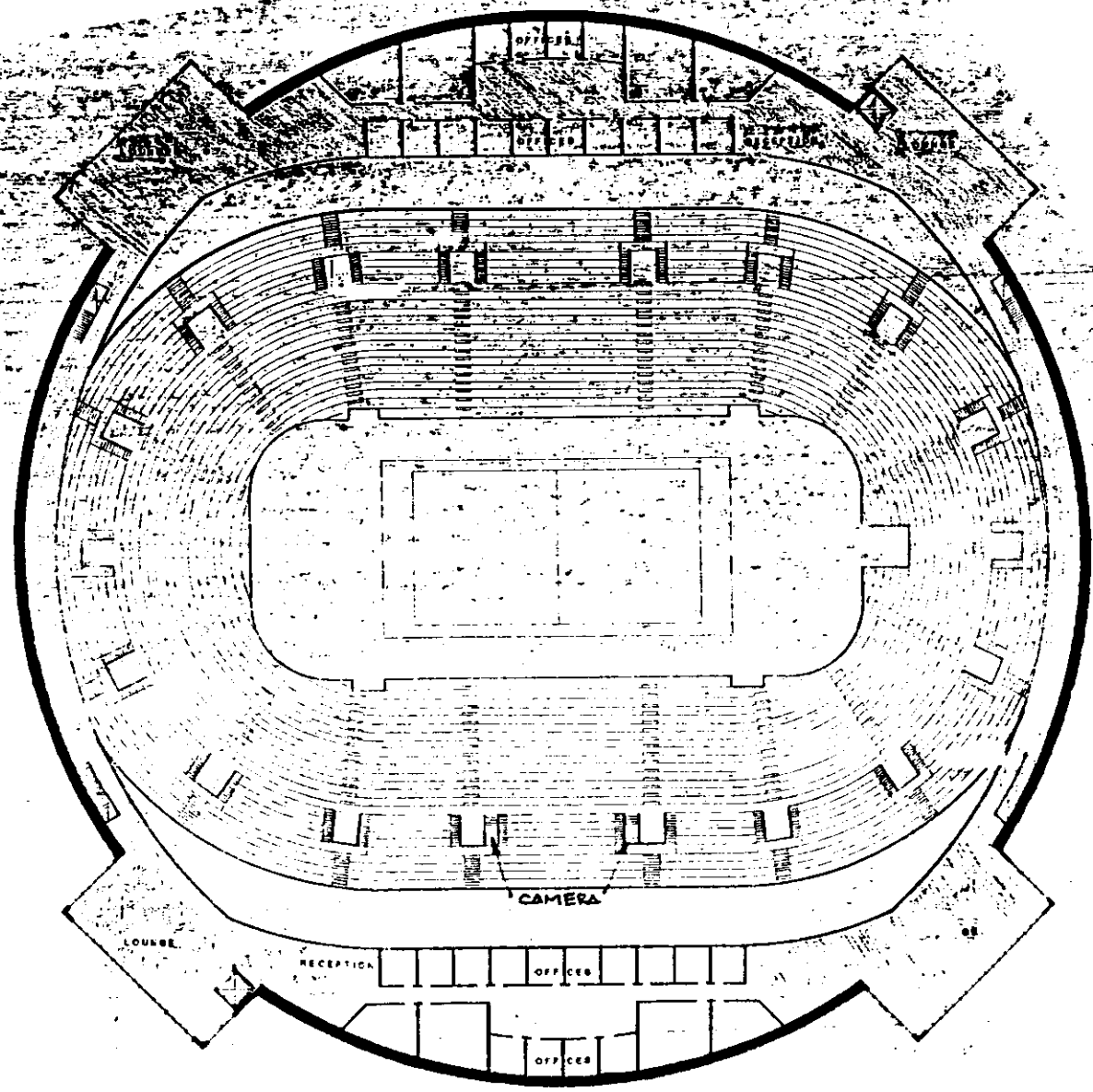
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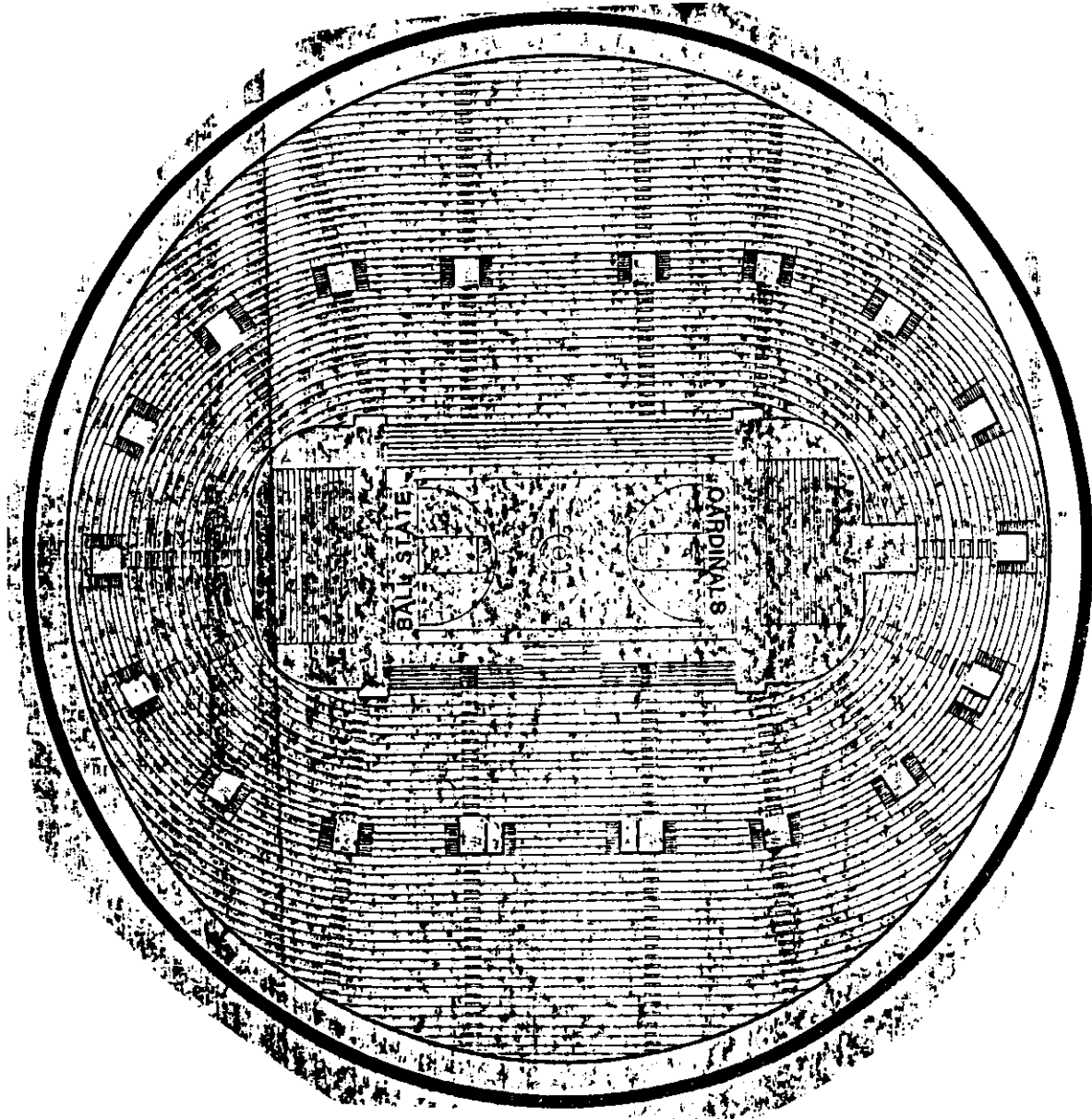
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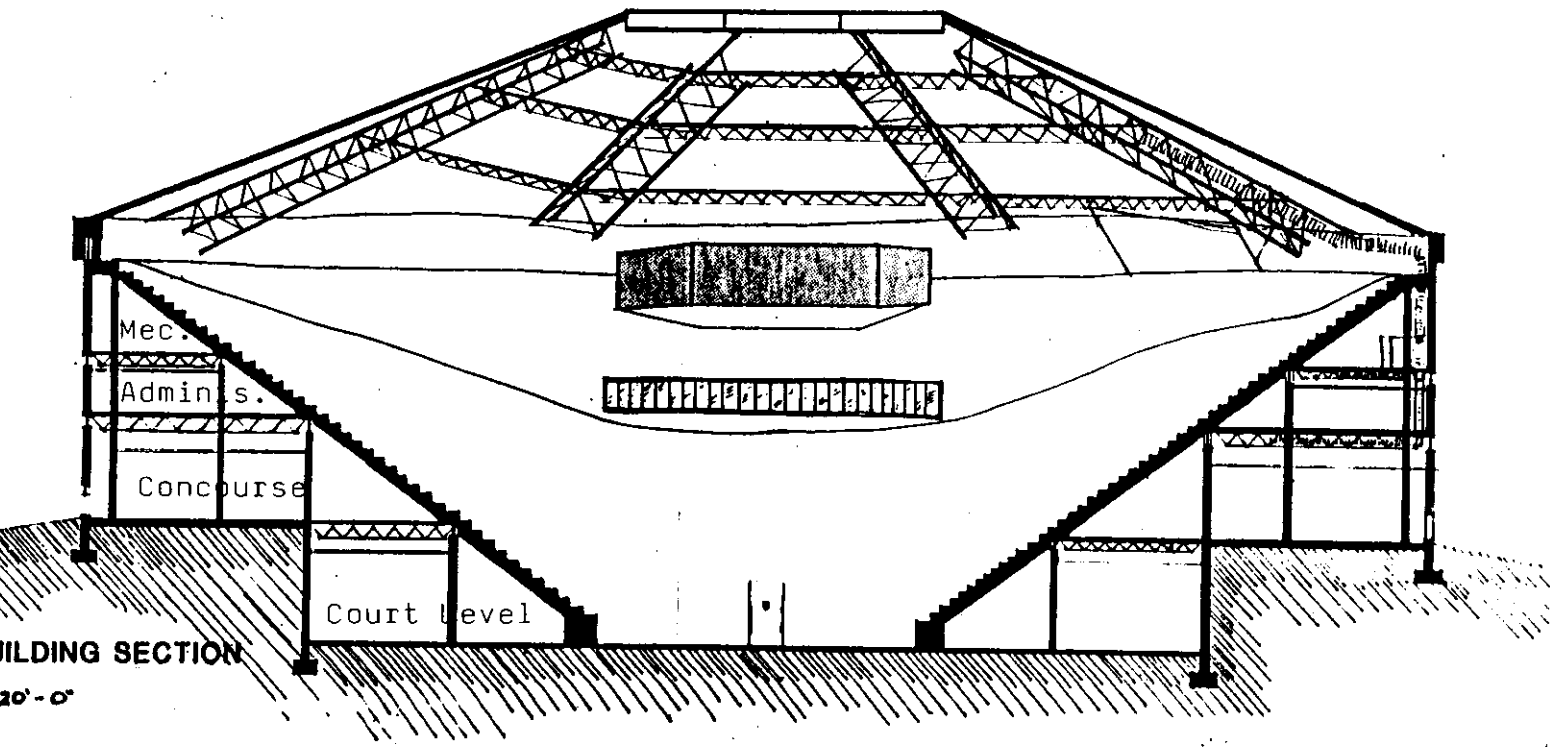


Administration Level



Seating Layout

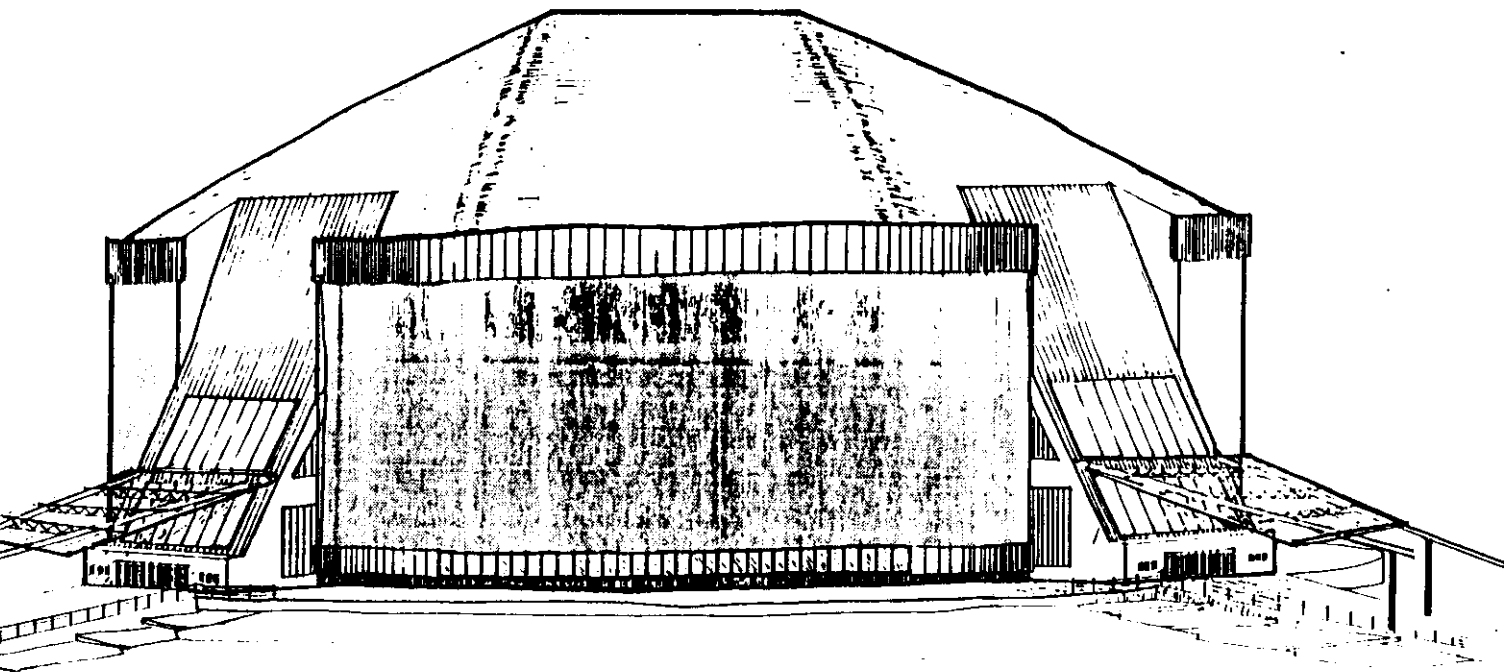




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Elevation



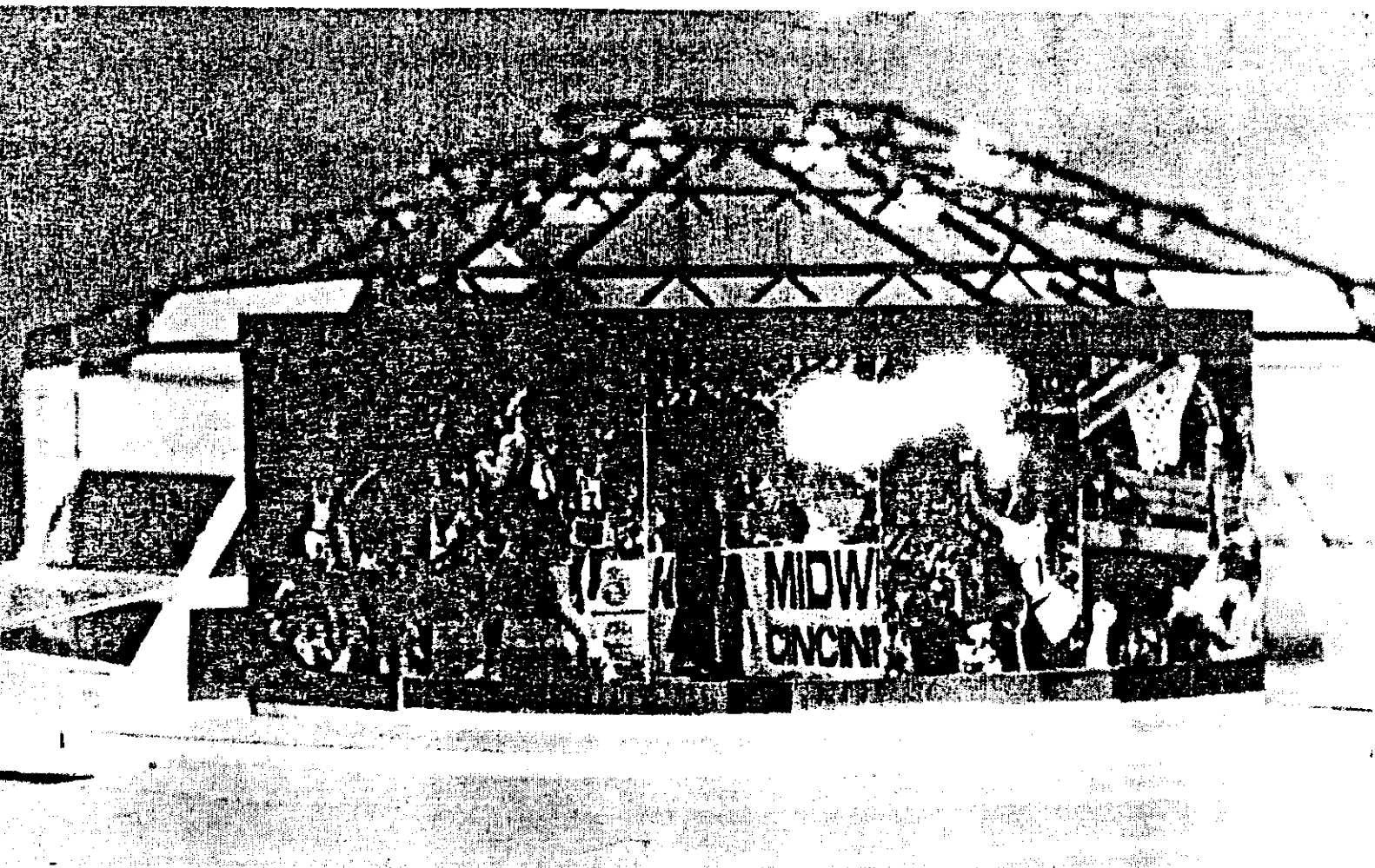
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ERSPECTIVE



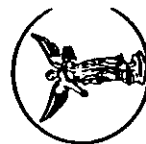
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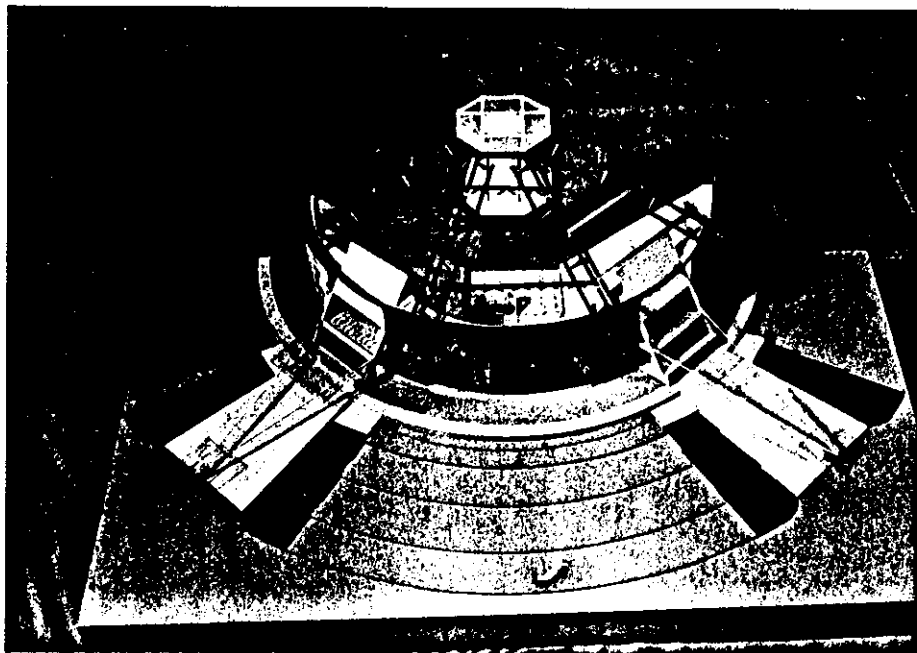
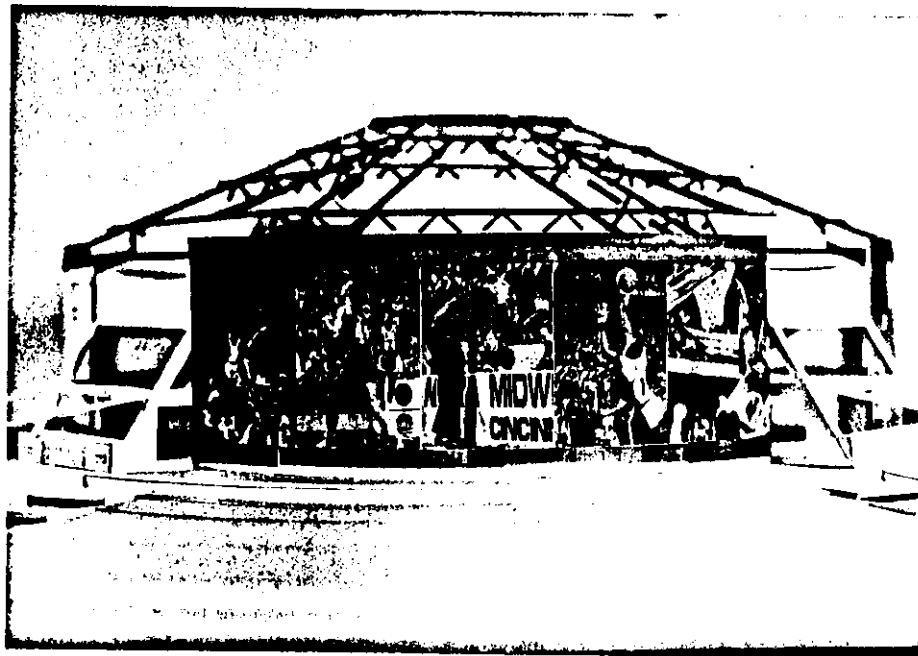


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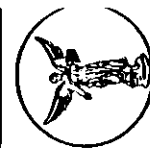
INDIANA



MODEL



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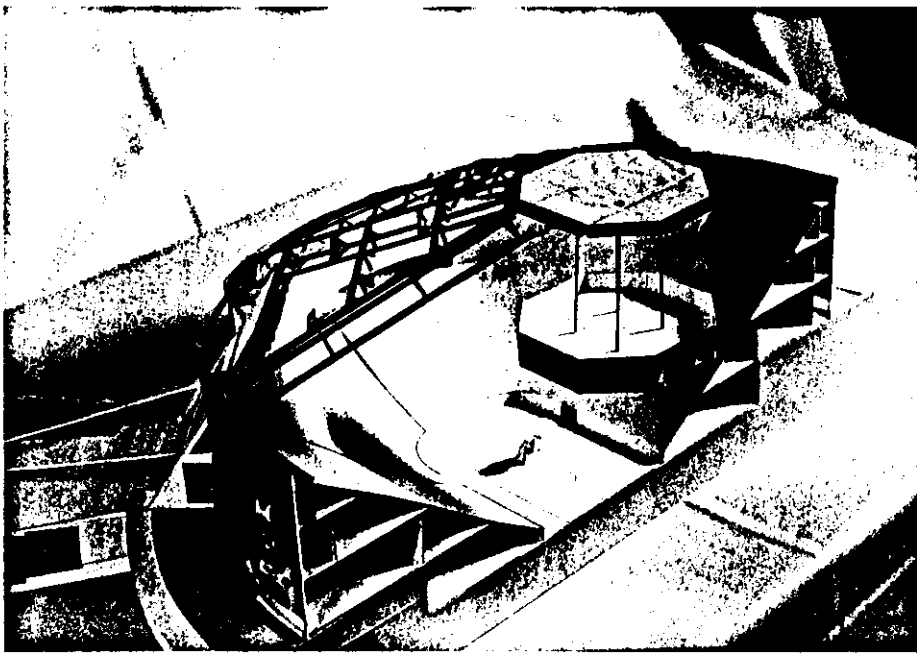
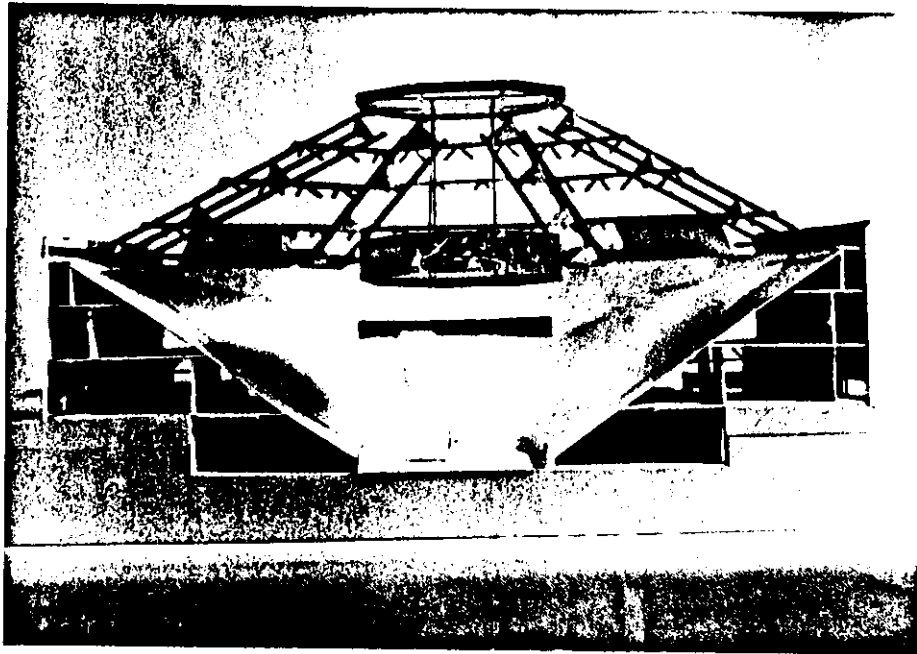
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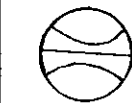
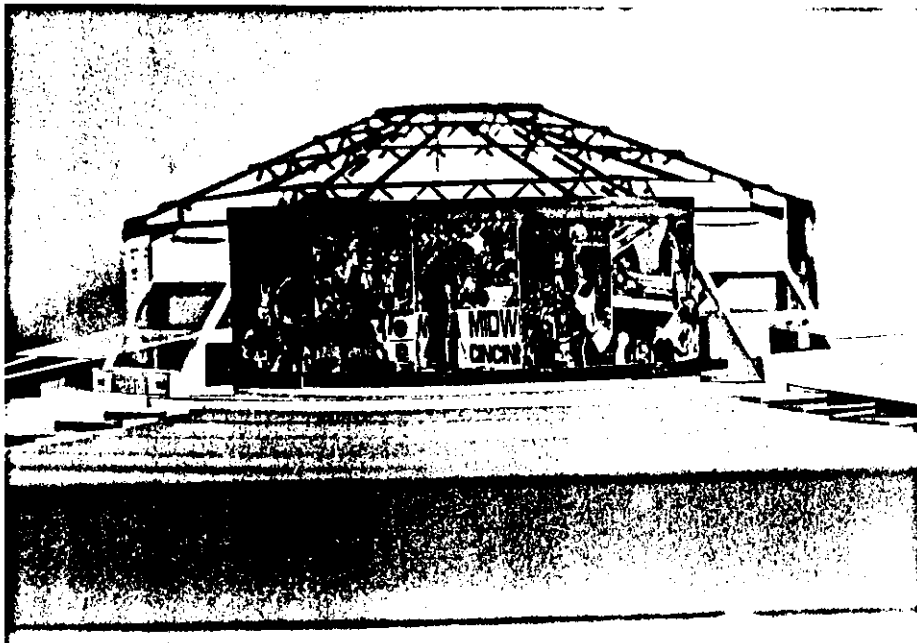
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C R E D I T S

Rick Fuson, Vice President of the Indiana Pacers; Indianapolis, Indiana.

Chuck Crabb, Promotion Director at Assembly Hall, Bloomington; Indiana.

William Pickett, Vice President of the Lexington Center; Lexington, Kentucky.

Bob Dekas, Executive Producer for College Basketball for C.B.S.; New York, New York.

Professor A.E. Palmer, College of Architecture; Ball State University.

Don Purvis, Athletic Director; Ball State University

Professor Robert Taylor, Thesis Coordinator, Ball State University



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