

SKYLINES

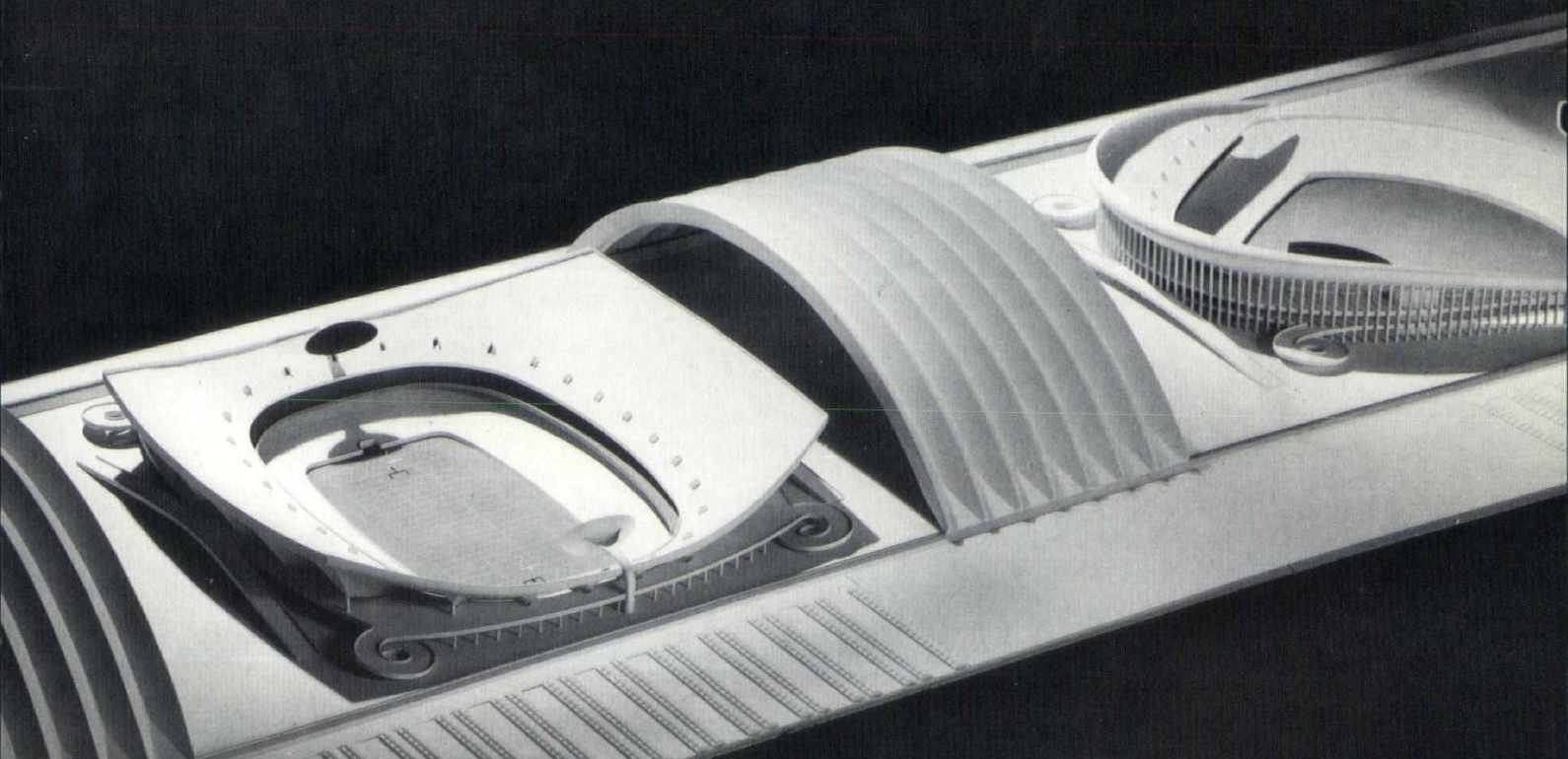
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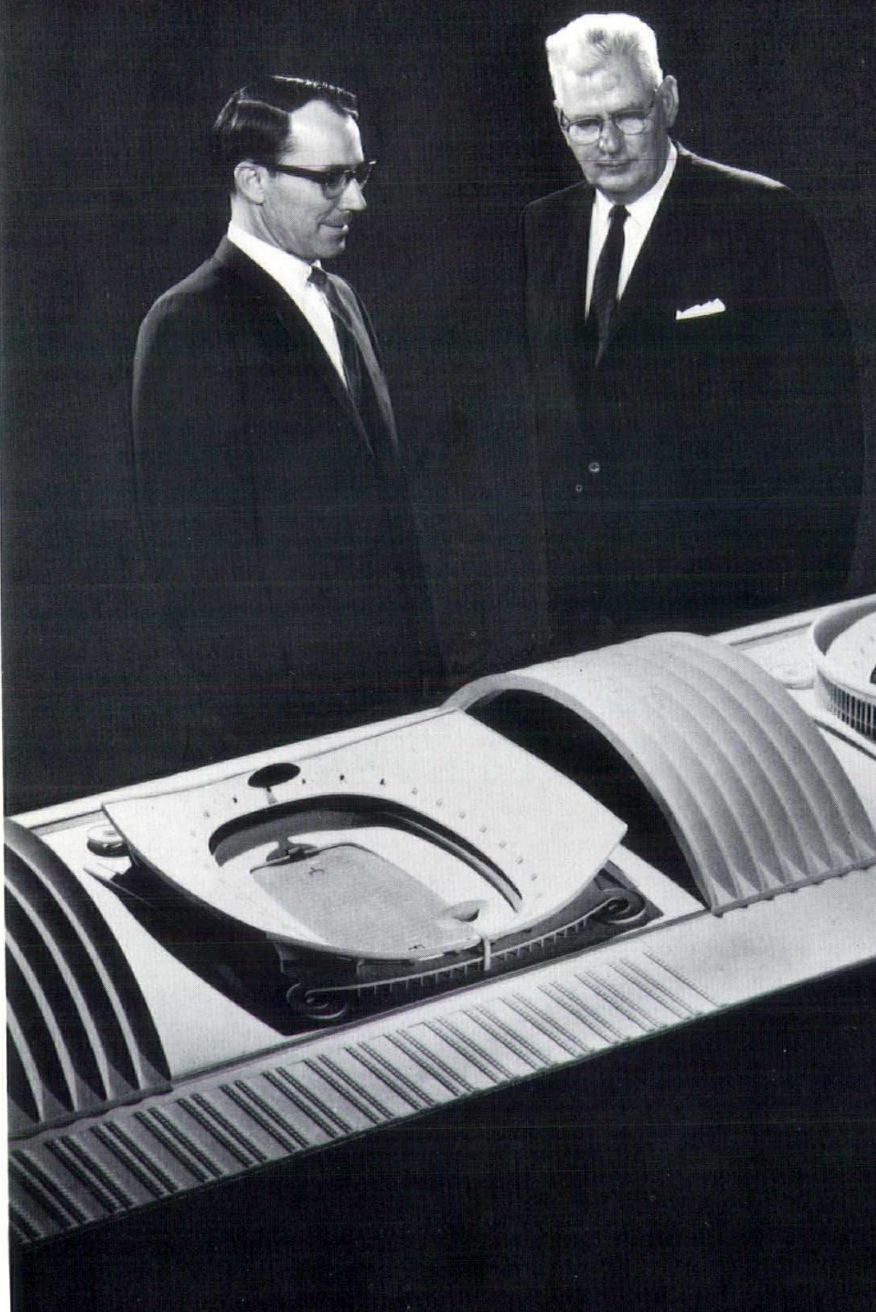
AMERICAN INSTITUTE
OF ARCHITECTS

JUN 12 1967

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THE JACKSON COUNTY SPORTS COMPLEX





"Kansas City's proposed Sports Complex has won national acclaim for its originality of concept providing a most practical answer in forward-looking community planning. We urge your considered support of this proposal at the polls June 27th."

*Glen O'Brien
David H. LaDue*

Again, Kansas City's renowned Architectural and Engineering Professions have demonstrated to the nation their unique ability to design projects establishing new approaches to long recognized problems. We at Glen O'Brien Movable Partition Company join the community in extending our congratulations.

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HISTORIC PRESERVATIONS

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December January Issue:

1968 DIRECTORY

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THE SPORTS COMPLEX

Bobby L. Tatman, Feature Editor

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vote
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June 27



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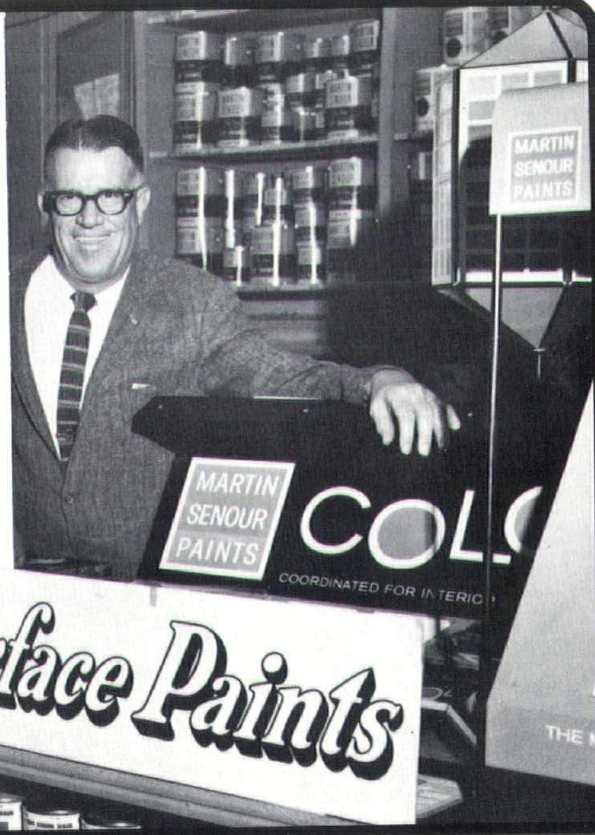
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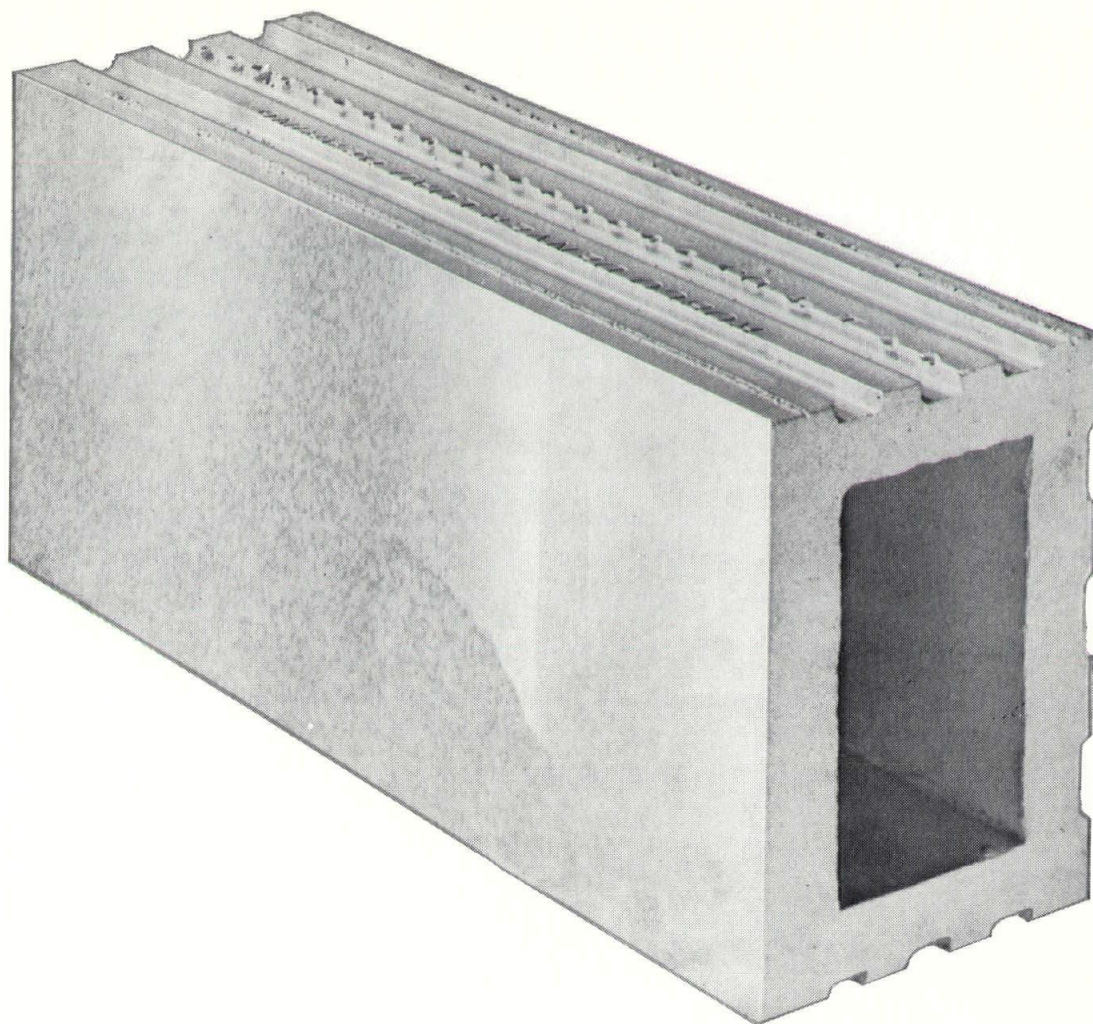
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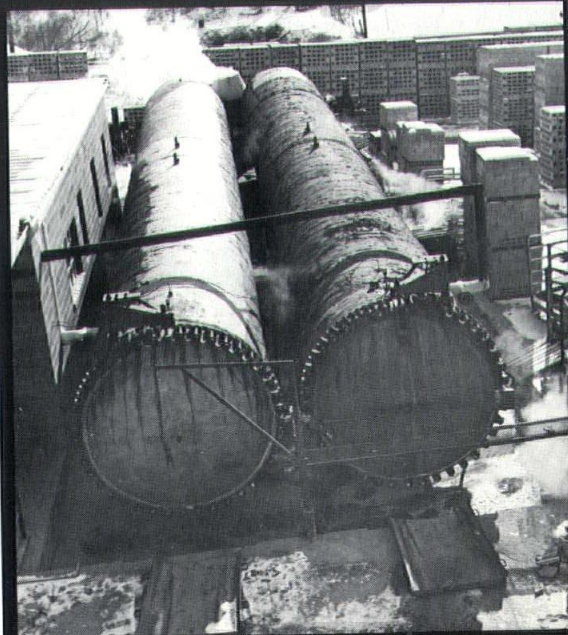
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George W. Lund
Chairman
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AN EDITORIAL COMMENT:

**THE
JACKSON
COUNTY
SPORTS
COMPLEX**

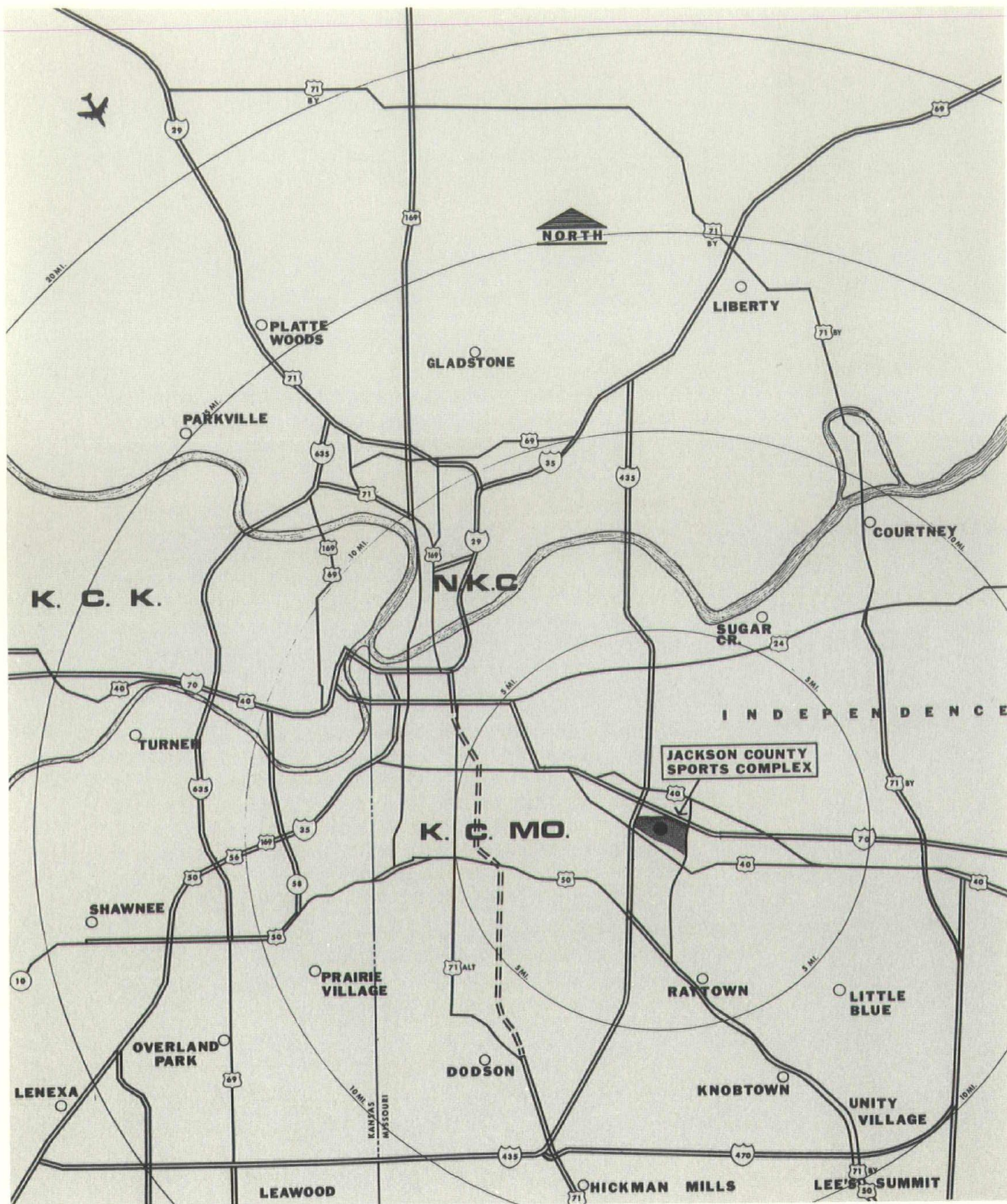
This month SKYLINES is departing from its normal pattern to devote the entire issue to one architectural project. The following pages explain in detail the proposed Jackson County Sports Complex.

The citizens of this area have directed their efforts toward a sports facility for many years starting back in 1931. Our present Municipal Stadium was constructed in 1923, and it was extensively remodeled when the Kansas City Athletics moved here. Again some modifications took place when the Kansas City Chiefs came to town. This stadium is presently inadequate for professional football or baseball. It is, as you know, the smallest ball park in the major leagues with a fixed seating capacity of only 32,560.

During the past few years several studies were made for the Jackson County Court and a number of sites were evaluated. The creation of the Sports Complex Authority in 1965 gave direction to a definite plan of action. The Authority selected a site and established the revolutionary twin stadia concept. This was suggested because of the incompatibility of the seating arrangement and playing field for the two major sporting events; and it is generally recognized as the best solution.

Each section of the country has its own climatic problems. For instance, an "Astro-Dome" was necessary for Houston. The proposed stadium design for our Community offers a maximum of comfort and utilization without undue cost.

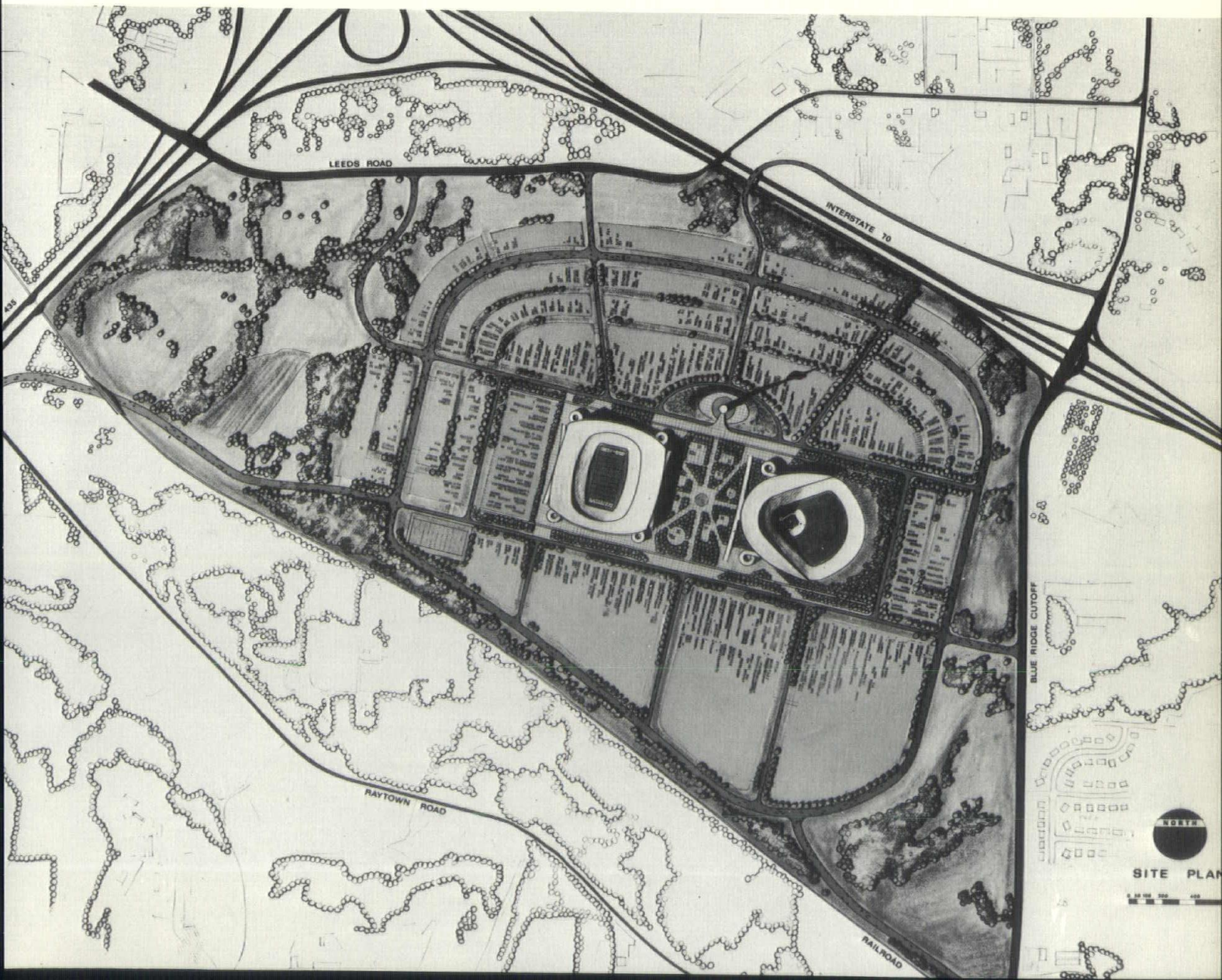
George W. Lund

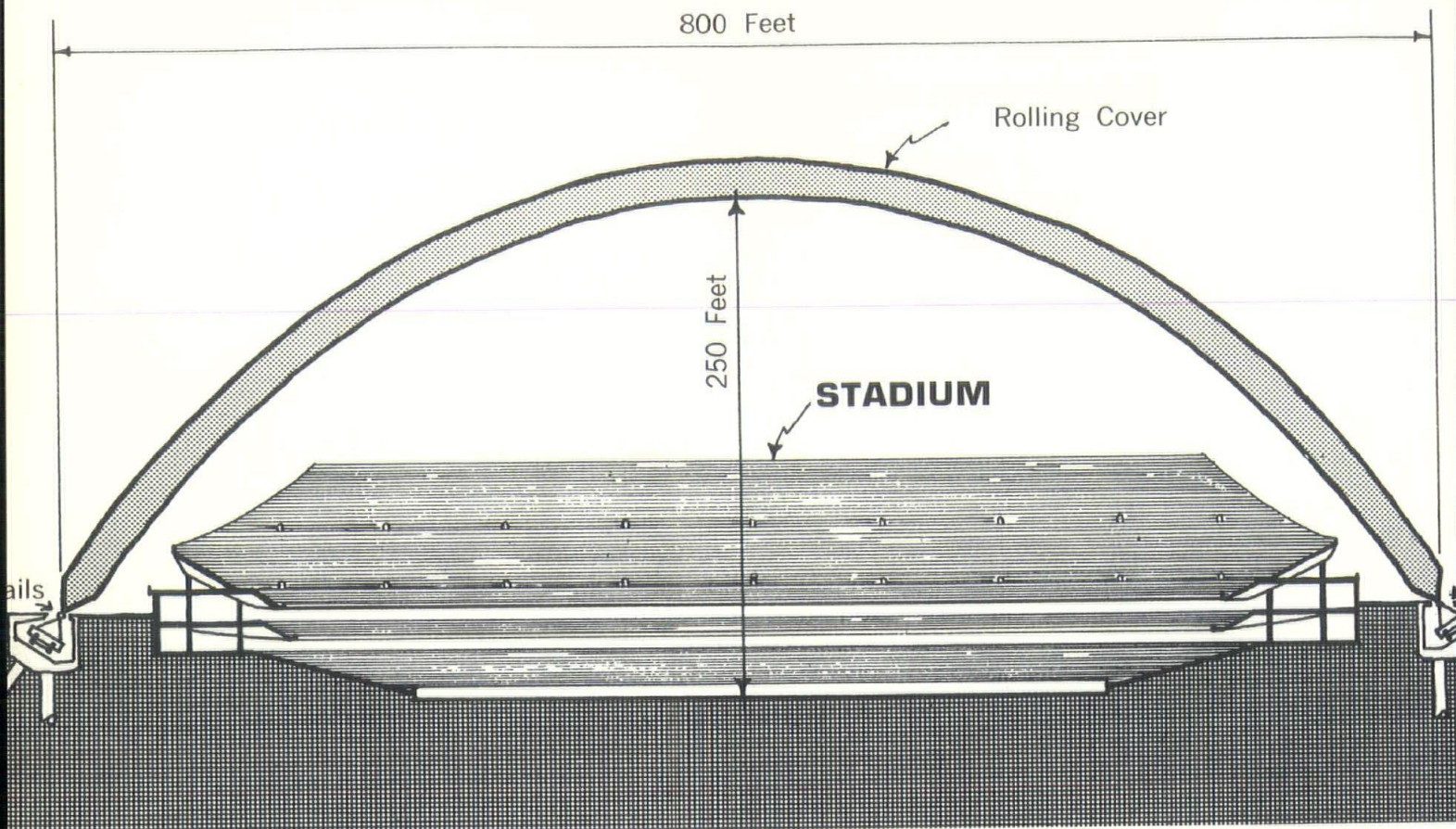


MINUTES AWAY

The 370 acre site is located at the intersection of I-70 and I-435 in Central Jackson County.

That this area is conveniently located in relation to all portions of the Community may be readily seen from the map on the facing page. Freeways will provide rapid means of access to the site. The time required to travel from the Central Business District, for example, is less than 10 minutes; from the most remote locations, a maximum of 20 to 30 minutes.





SECTION-ROLLING STADIUM COVER

NO RAIN CHECKS REQUIRED

It is the day of a major event at the Jackson County Sports Complex — the weather is "changeable", and it appears precipitation will occur. Is the event cancelled, or will the attendance be affected? With the proposed stadium it is "business as usual" for the adverse affect of the elements will be controlled by a unique and exciting moving roof which will assure patrons of constant viewing conditions. The roof, when closed, will cover nearly 14 acres of ground area, more than sufficient to shelter each stadium including all spectator seating and the playing field. Thus the "rain-out" will now be a memory of the past as well as the fear of snow-filled football stadiums for late season games.

The concept drawings call for the cover to be constructed in two sections traveling the entire length of the complex — some one-half mile. With this flexibility of movement, the units will provide a covering for the Exhibition Plaza, yet be in position to afford immediate protection for both spectators and the players on the field.

Shadow areas will now be controllable through programmed cover movement. The thrill of being in the stands while the covers move will be unlike any experience known to fans the world over.

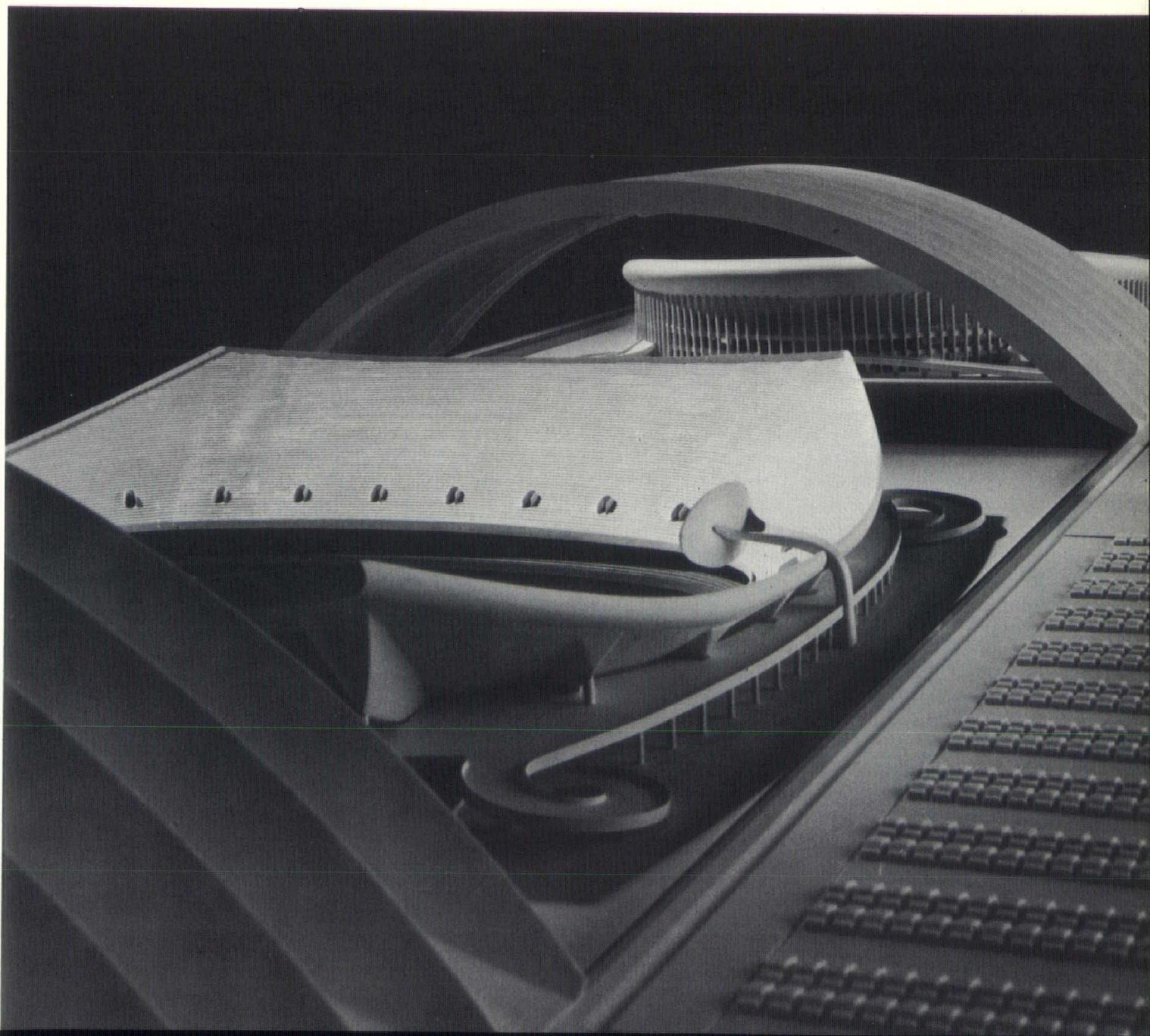
ROOF STATISTICS

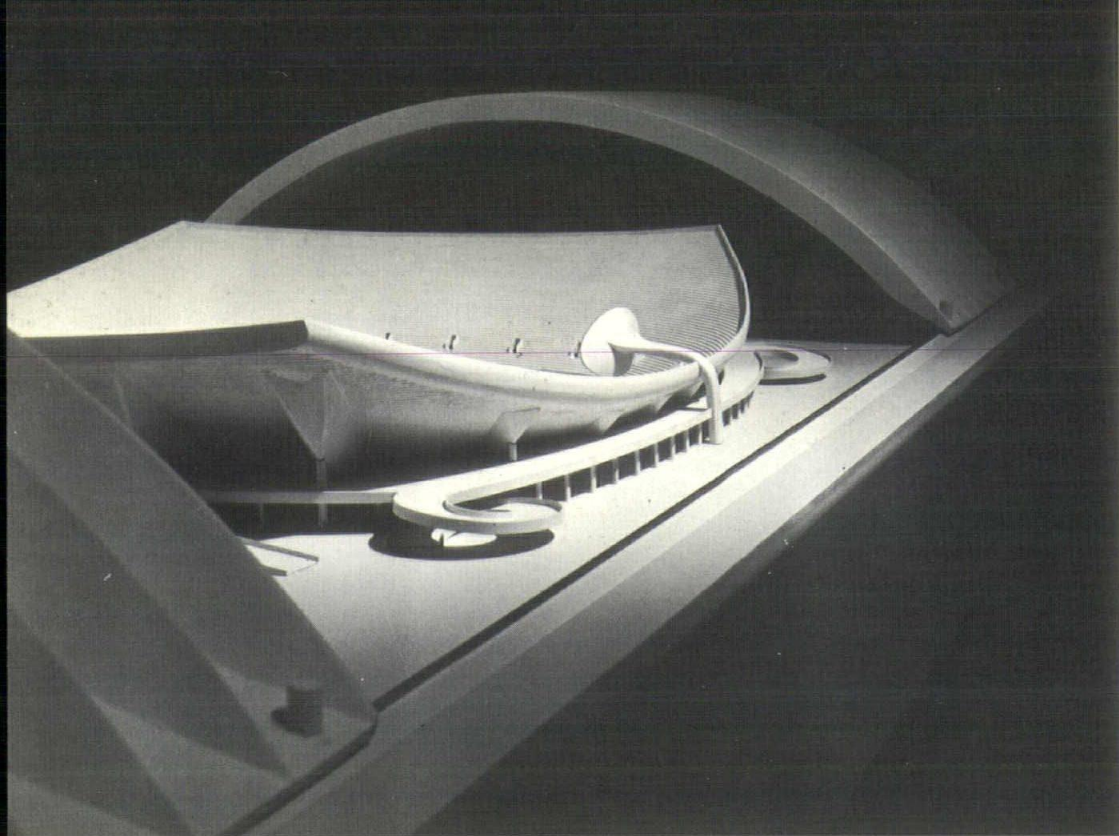
Construction: Steel and fiberglass

Span: 800 feet

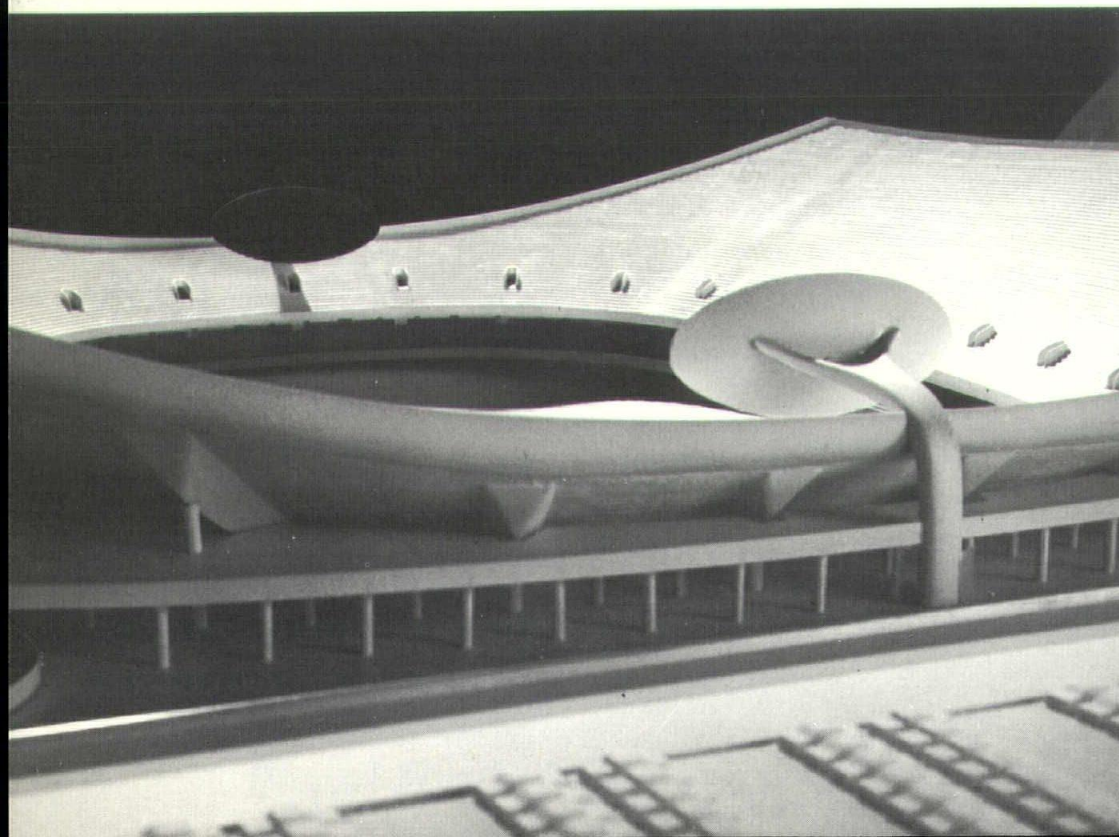
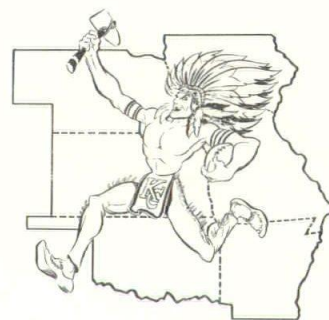
Width: 750 feet (total both sections)

Length of tracks: 2,500 feet





THE FOOTBALL STADIUM



STATISTICS

Number of seats:

75,000 in three levels

☐ Field level—27,600 seats

☐ Intermediate level—
5,900 seats

☐ Upper level—41,500 seats

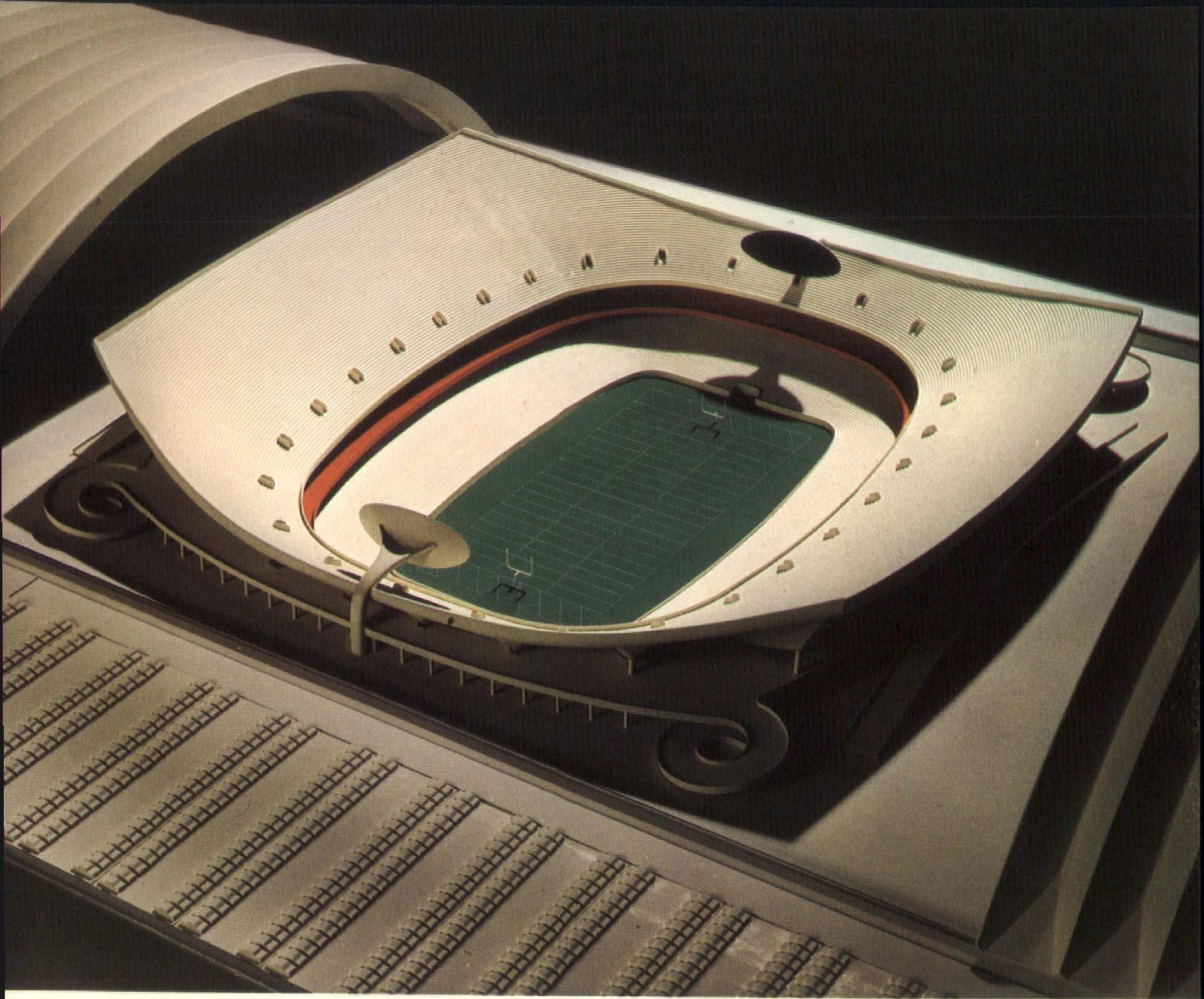
Overall length: 700 feet

Overall width: 680 feet

Height of stands
above grade: 90 feet

Depth of field
below grade: 50 feet

Construction:
Reinforced concrete



WOLFPACK — 75,000 STRONG

In addition to being visually pleasing, the football stadium brings the ultimate in convenience and comfort to the spectators. Gently sloping ramps will be available to reach the upper level. The seats are close to the action. The most distant seat is but 300 feet from the playing field.

On the entrance concourse level administrative offices, press facilities and preferred seating will be located. Home and visiting team lockers, general storage areas, and mechanical equipment will be located on the lowest level. A system of tunnels for players and emergency vehicles leads from the service level to the playing field and to the access road adjacent to the stadium. Concession and toilet areas are located on each level.

Although designed to primarily serve football, the stadium can easily become a facility for the rapidly expanding sport of soccer.



A FAMILY RECREATION CENTER

Conveniently placed between the two stadia is a delightful nine acre landscaped Exhibition Plaza which will serve as a major entryway to each stadium and covered space for shows or exhibitions. Close-in parking serves 18,000 cars and 200 buses.

Studies are being made for other use potentials of the remaining 160 acres of open land. The possibility exists here for auxiliary sports, nature centers, parks and other recreational uses. It is felt that twin structures will form the nucleus of the most comprehensive family recreational center in the nation.



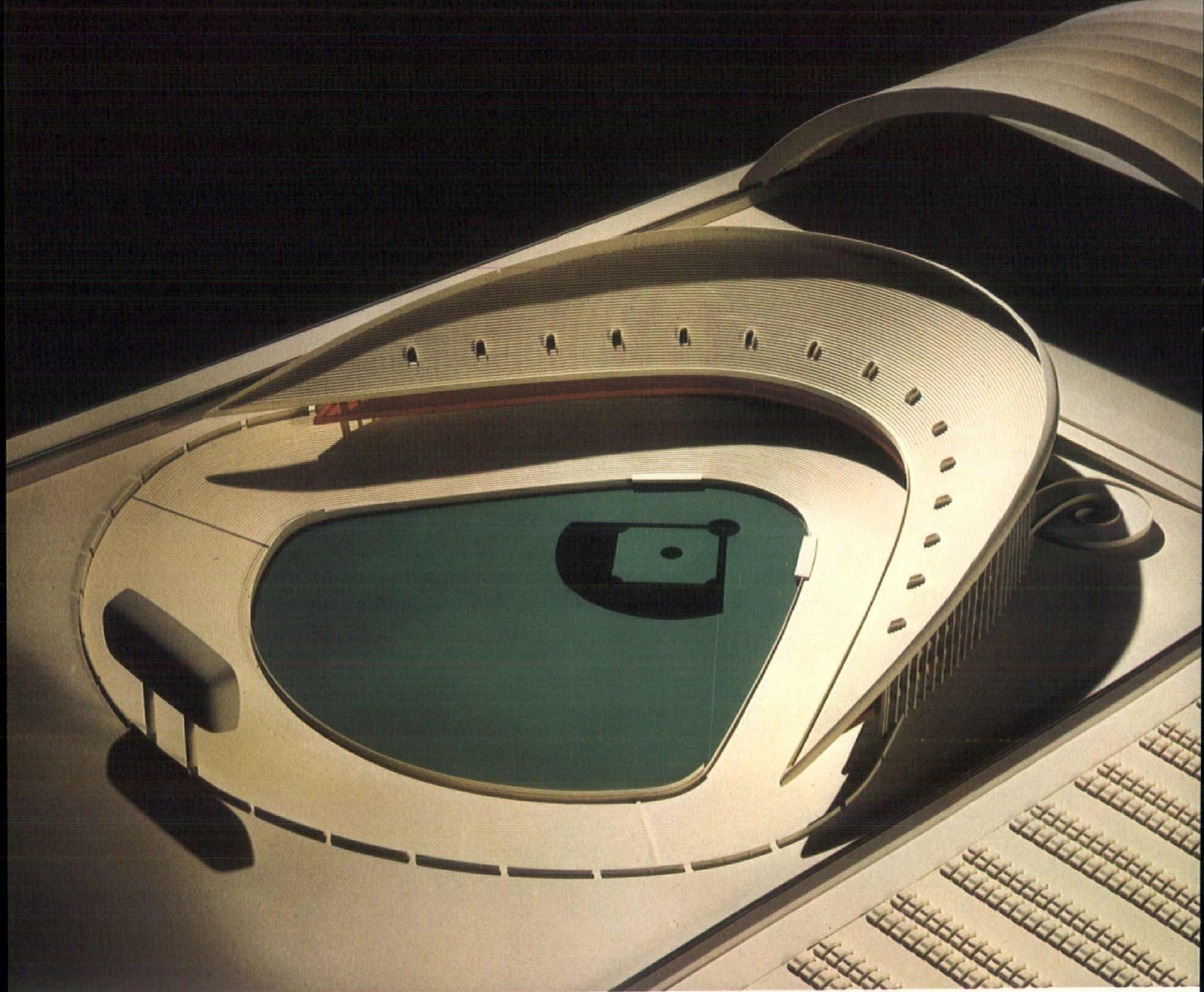
THE COST

A total of \$9,567,000 will be required for site acquisition and off and on site work.

Construction of the football stadium would require \$13,115,000 and the baseball stadium is budgeted at \$10,888,000.

The complete movable roof would require \$7,000,000 including the two parallel tracks.

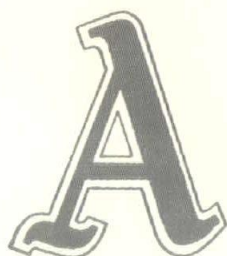
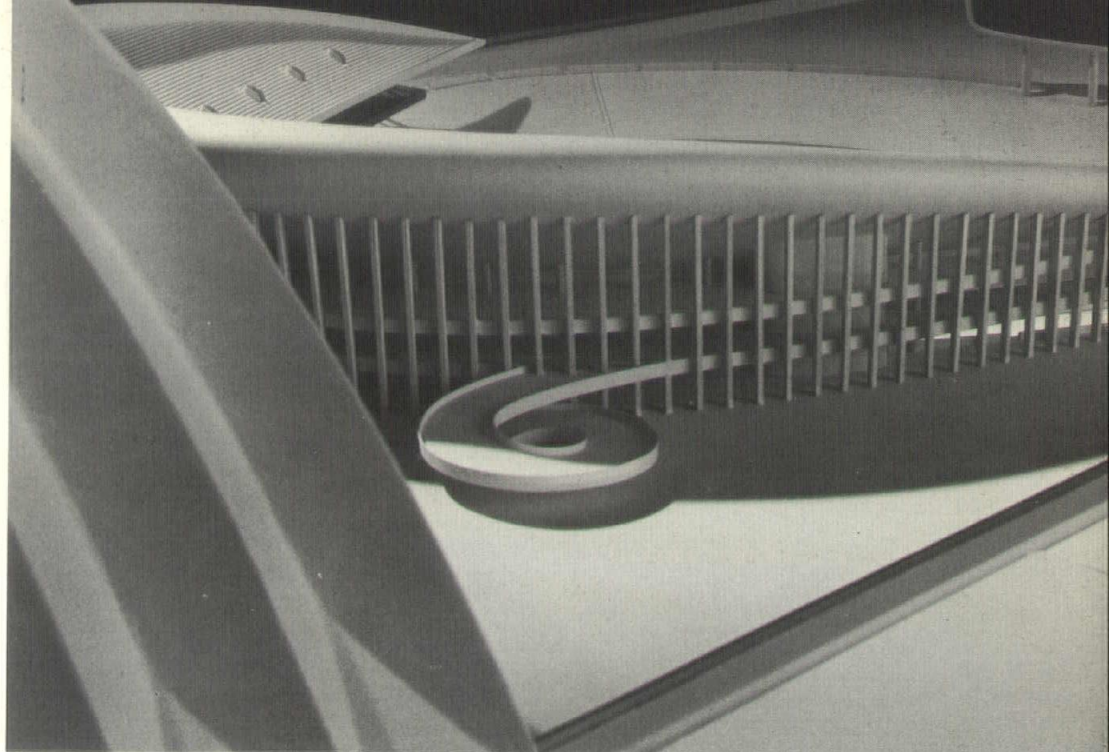
These costs together with compensation for professional services would bring the total cost of the sports complex to \$43,000,000.



45,000 ARMCHAIR "UMPIRES"

The baseball stadium is designed in a crescent shape that virtually wraps itself around the primary playing field. In doing so, nearly all the seating is between first and third base. This not only allows the maximum of choice seating but provides an intimate relationship between the fan and playing field.

Plans call for the stadium to seat 45,000 spectators without outfield seats. Capacity may be increased to 57,500 with bleacher seating in this area. Located in the center field area is a large scoreboard which allows easy viewing for all fans. The actual playing field will be depressed 33 feet below grade utilizing the natural valleys of the site. Located on the intermediate (entrance) level along with administration areas and preferred seating will be two-story press box quarters. These press facilities will include space for representatives of newspapers, magazines, radio and television. Auxiliary facilities such as concessions, business offices, equipment storage and mechanical equipment have been incorporated within the various levels.



THE BASEBALL STADIUM

STATISTICS

Number of seats: 45,000 in three levels

- ☐ Field level—22,700 seats
- ☐ Intermediate level—3,700 seats
- ☐ Upper level—18,600 seats

Overall width: 675 feet

Length through stands to center field fence: 665 feet

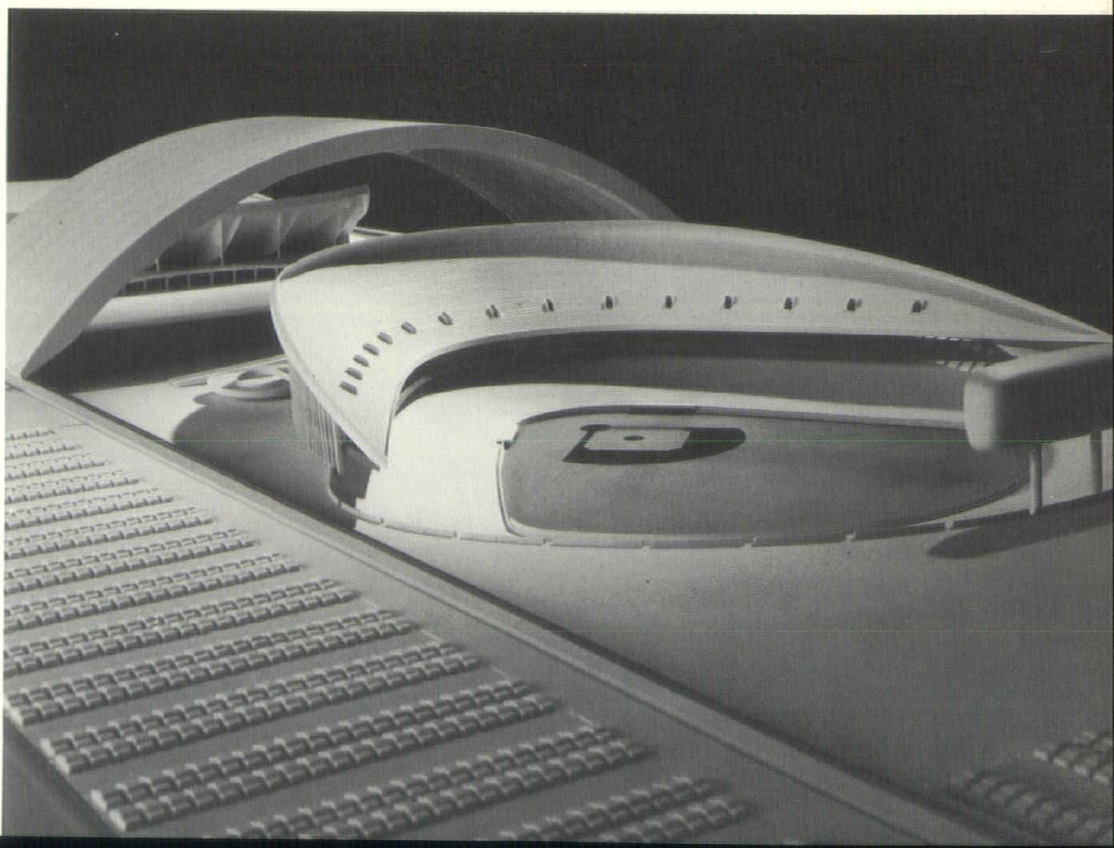
Field layout:

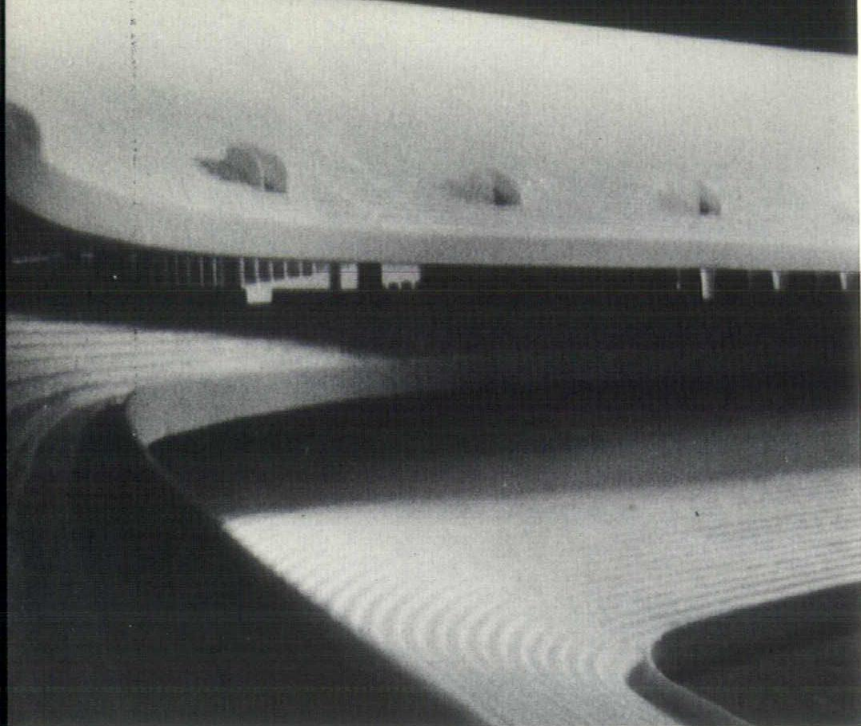
- ☐ Left field—330 feet
- ☐ Left center—380 feet
- ☐ Center field—410 feet
- ☐ Right center—380 feet
- ☐ Right field—330 feet
- ☐ Plate to stands—60 feet

Height of stands above grade: 104 feet

Depth of field below grade: 33 feet

Construction:
Reinforced concrete

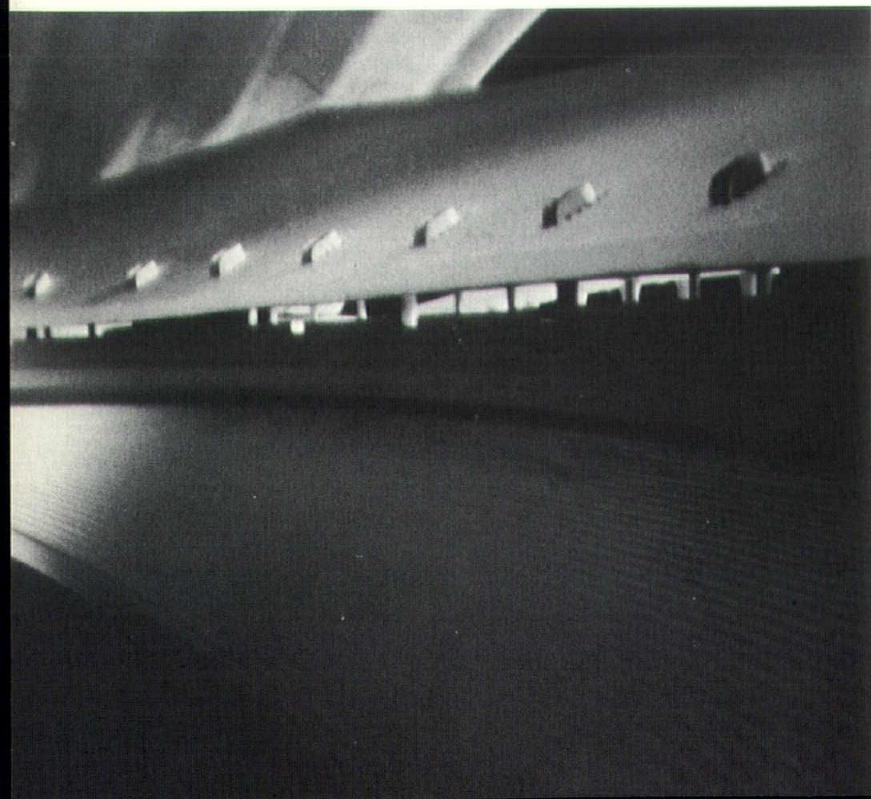


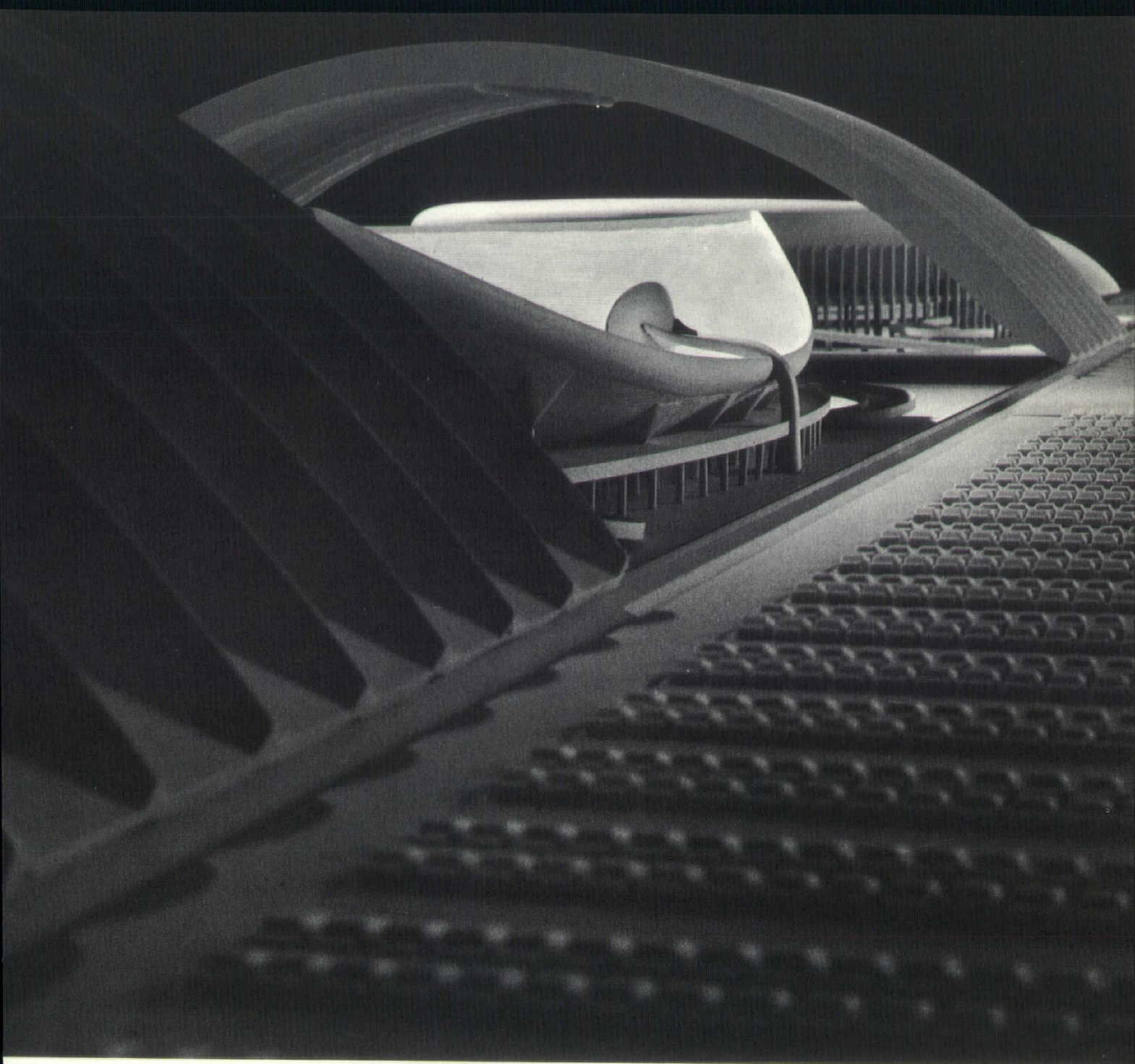


COME ON INSIDE

These microscopic views from inside the model (taken with a tiny periscope camera lens) virtually put you in your seat. You can imagine the electric sound of the crowd seated around the graceful curve. Imagine the peddlers yelling "peanuts", "popcorn", "hot dogs" . . . the cheers and groans.

Your view would never be blocked (except possibly during the excitement of touchdowns and home runs) because all aisles are to run up and down—never horizontally in front of seats.





A CLOSEUP VIEW

Imagine the excitement of a Super Bowl or a World Series in this setting. The sports event here is much more than mere recreation.

The broad stadium approaches are scaled for easy identification of entrance gates, for uncrowded movement from car to seat. Entrance to the lower seating (sunken into the ground) is straight in from the Plaza level. Gently graded ramps lead to the upper stands. Picture the sweeping undersides of the upper stands against the night sky, or glittering white in the sunlight. The mammoth roof sections are poised overhead, ready to be moved into place if needed during a quick shower. If the kids get restless during a double-header, Mom and the kids can go out onto the spacious Plaza, while Dad watches the rest of the game.

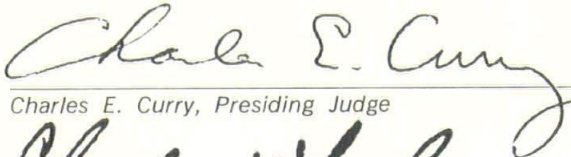
What type of facility could muster more civic pride?

STATEMENT FROM THE JACKSON COUNTY COURT

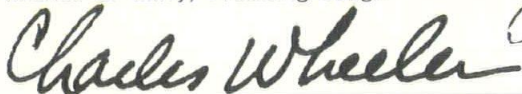
We believe that the new stadium will be a positive symbol of the growth and prosperity of Jackson County and the ability of its citizens to plan for the future.

Those of us concerned with the human needs of the county are delighted to have the enthusiastic support of sports fans in this community. For sports fans are positive thinkers. We need the same boundless enthusiasm to get this bond program passed that sports fans have so generously given to the Athletics and Chiefs.

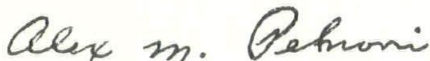
The stadium proposition is designed to make Jackson County a great place to visit. But it plus the other six propositions are designed to make Jackson County a great place to live.



Charles E. Curry, Presiding Judge



Charles B. Wheeler, Jr., M.D., Western Judge



Alex M. Petrovic, Eastern Judge

STATEMENT FROM THE JACKSON COUNTY SPORTS AUTHORITY

The Jackson County Sports Complex Authority was appointed by Governor Warren E. Hearnes of Missouri early last year, and charged with the design, creation, construction and operation of a sports and entertainment complex in Jackson County.

Early in our deliberations, it became apparent that the great \$43,000,000 proposal for football and baseball facilities for our major league franchises would require the counsel, advice and services of qualified architects and engineers, from the beginning.

The many architectural firms who submitted proposals, either individually, or as joint ventures performed an invaluable service, not only to the Authority but to all Jackson Countians. The Authority was especially pleased to learn, after conferring with architectural firms throughout the nation, that the entire project could be most effectively and completely handled by architects and engineers from our own area.

We are eagerly anticipating voter approval on June 27th, and are sure that the dual stadium facilities, the finest anywhere in the world, will stand both as a tribute to the citizens who place their faith in a bond issue of this magnitude and to the professions such as yours, which had a part in its completion.



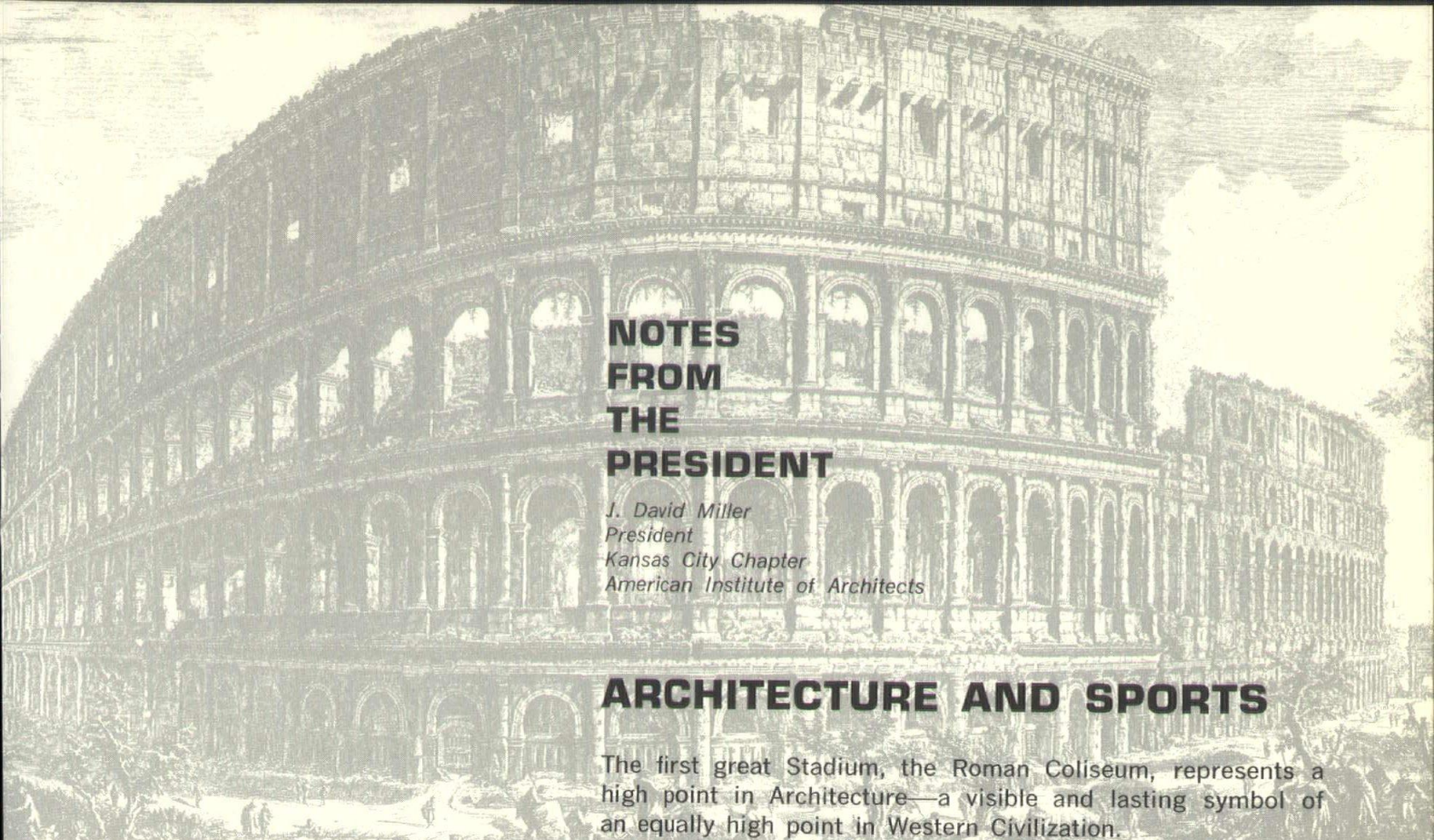
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William E. Clarkson, Vice Chairman

Bishop G. Leslie DeLapp, Treasurer

Harry E. Moreland, Secretary

Karl Rogers



NOTES FROM THE PRESIDENT

*J. David Miller
President
Kansas City Chapter
American Institute of Architects*

ARCHITECTURE AND SPORTS

The first great Stadium, the Roman Coliseum, represents a high point in Architecture—a visible and lasting symbol of an equally high point in Western Civilization.

Each age has its own expression in the shape and performance of its structures. What could be more appropriate for Jackson County 1967—during a period of vital growth—than a Sports Complex born of imagination and vision for the 21st Century?

The nearly 300 members of the Kansas City Chapter of the American Institute of Architects are proud to endorse this project. The Chapter urged the use of an Architect-oriented design to fuse importance and thoughtfulness into the concept. After all, a stadium is designed for people to use, and the Architect spends his entire lifetime designing facilities for people. Therefore, he is the logical Prime Professional, equipped by training, to develop the initial concept; further to lead and coordinate the engineering, site development, traffic, acoustical, graphic and other professionals who contribute to the end result. The fact that Architects are serving our Community is evidenced by the amount of work currently in progress—half a billion dollars.

The design Architects for the Sports Complex were selected from a total of eight local firms who were interviewed. Our Chapter appreciates and publicly commends the professional manner in which the Court and the Authority conducted their search.

We believe this project will serve as a guide for other stadium projects in the years to come. We believe the Community can look with pride on this unique proposal, since, in a sense, it is a measure of its potential.

Your positive vote will make it a reality.



Dave Miller

THE DESIGN TEAM

Kivett and Myers—Project Architects

William Love—Vice-President in Charge

Charles Deaton—Design Associate

Bob D. Campbell & Co.—Structural Engineers

Kinney, Holloway & Perkins—

Mechanical-Electrical Engineers

Woodward-Clyde-Sherard & Associates—

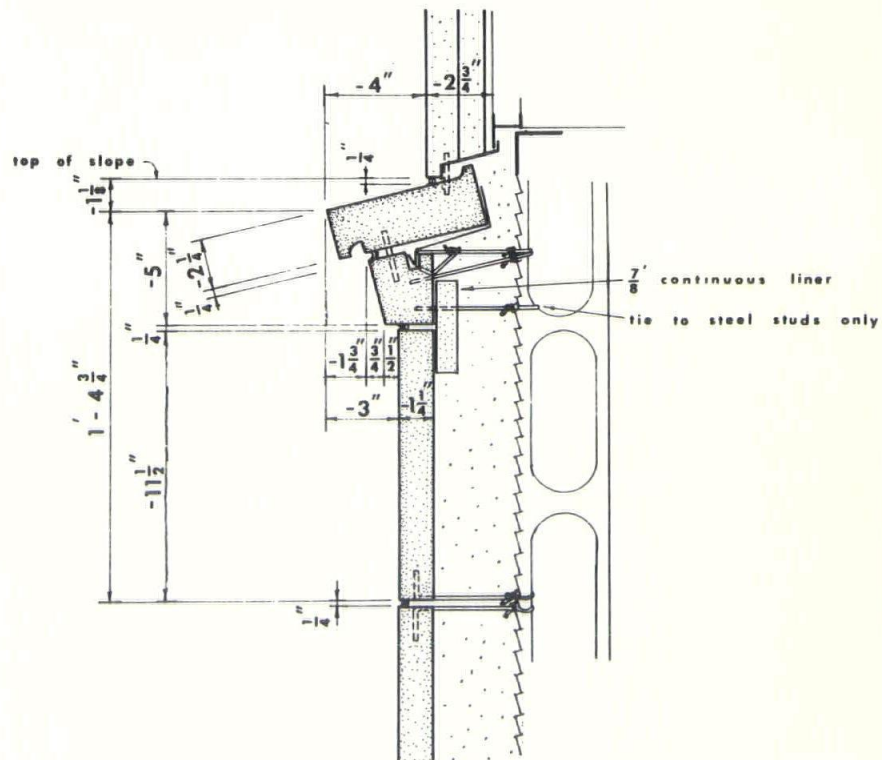
Soils Engineers

Wilbur Smith & Associates—Traffic Engineers

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So we hope you'll always keep us in mind. If you appreciate good service and sound advice please give us a call. That's why we're here.

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Vice President

Cast
your
vote
for
progress!
Vote yes
☒ June 27.



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makes products better for you



Developer: Von Frellick Associates, Denver.

Architects: James H. Johnson & Associates, Denver; Gene Shrewsbury, Denver.

General Contractor: W. R. Grimshaw Company, Tulsa and Denver.

Open web joists help build economy into unique shopping center

Unusual design often requires costly structural solutions. But not in the new Villa Italia Shopping Center, Denver, Colorado, where production-line structural components support the huge roof area.

Unique in design, the center captures the flavor and atmosphere of Southern Italy through Italian art and architecture. Villa Italia has 800,000 square feet of retail space for 80 tenants, plus a 150,000 square foot enclosed air conditioned mall called a Galleria. Although the center is old world in design, modern construction materials were used. For example: Sheffield Open Web Steel Joists were used, to support the built-up flat roofs. There were over 1,200 tons—34 different sizes of Sheffield H-Series and J-Series Joists used. All of the Sheffield Joists were standard sizes, selected right from the catalog. In this way all the economies of long

run factory production and the use of a repetitive building component were realized. Thus a shopping center with seemingly custom structural needs was designed and built with a standard material.

There are many reasons for the increasing acceptance for steel joists: High load carrying capacity per-pound of steel, flexibility during construction, easy passage of pipes and conduit through the open webs. Sheffield Open Web Steel Joists are completely standardized as to types, depths and load carrying capacities. They meet all the specifications of the Steel Joist Institute.

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ARMCO STEEL





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VOTE YES

June 27 for the Sports Complex.

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