

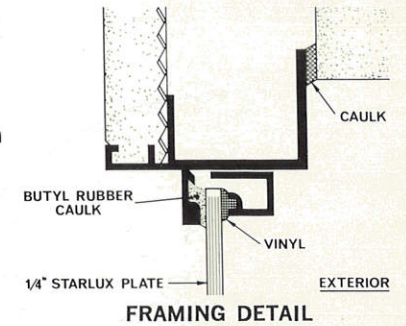


ASG Gray and Starlux take unusual shape in Arizona dorm

Gently curved Manzanita Hall, new women's dormitory at Arizona State University in Tempe, towers 15 stories above the flat desert terrain. The emphatic structure relies on a core wall at the center of the arc for basic structural stability. Additional support comes from sheer walls and exterior structural V-frames. The V-shaped precast members also create the project's striking design. Two kinds of plate glass—Starlux® and ASG Gray—are cut to fit the honeycomb facade of the dormitory.

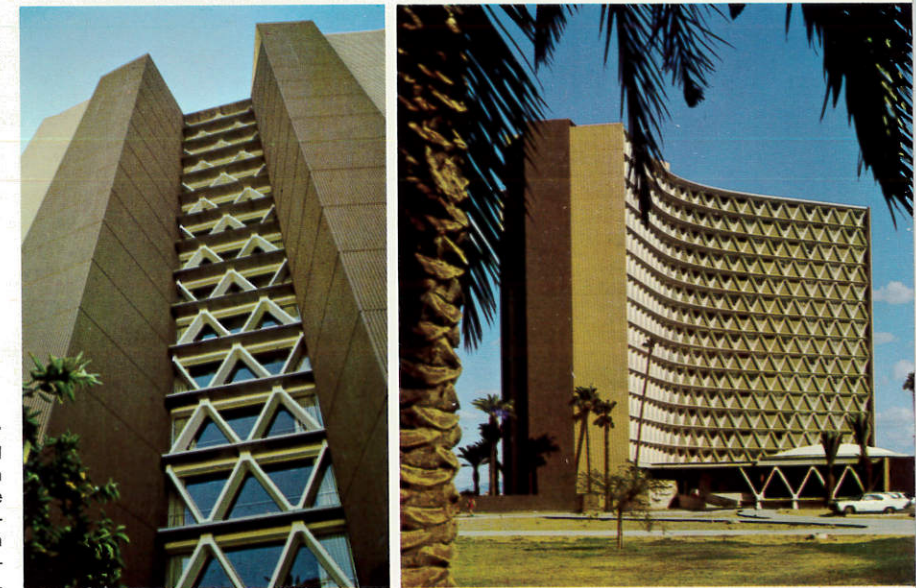
Altogether some 500 triangular or hexagonal-shaped windows open the residence hall. On the front elevation the precast V-openings are glazed with ASG Gray plate. The ¼-inch gray-tinted glass reduces the glare of the afternoon sun without impairing the view. The rest of the building is glazed with Starlux ¼-inch twin-ground polished plate glass.

Architect Cartmell and Rossman
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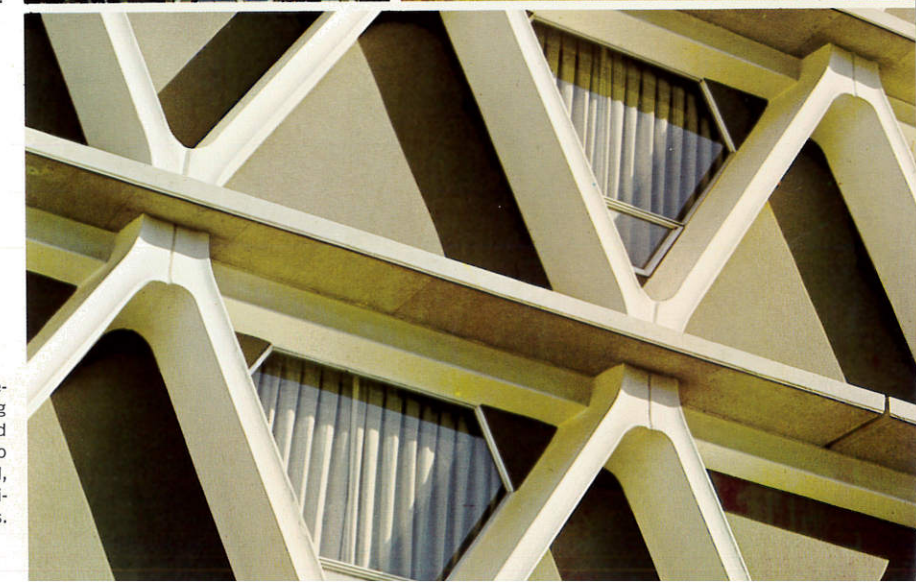
(Right) This overall view emphasizes the contemporary styling of Manzanita Hall's front facade. Special metallic straps anchor the window units to the precast V's which were poured at the jobsite.

Triangular windows are employed in the reception area of each floor. The tower houses 994 students, was built for a total cost of \$3.6-million.



Typical hexagonal window of Starlux measuring roughly 6 by 6 feet presents a broad view of the campus and the desert beyond. The lower portion of the window opens for ventilation.

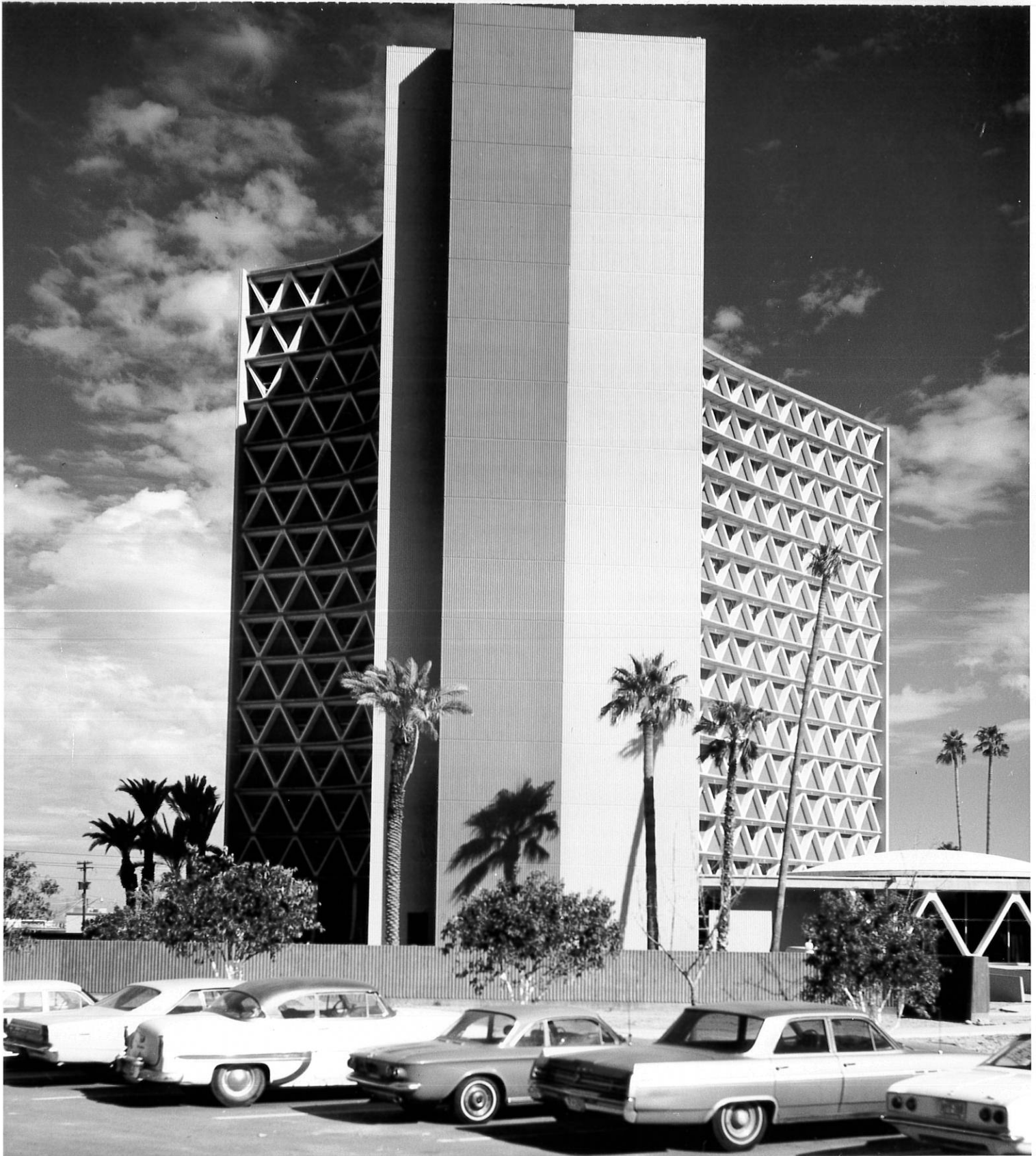
The glass was preglazed with a bedding of butyl rubber and a vinyl bead into custom-designed, heavyweight aluminum extrusions.



ARCHITECT OF RECORD
DESIGNER
PROJECT
DATE
AUTHORSHIP:

Wendell E. Rossman
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Manzanita Hall - Arizona State University
1967
Solely Responsible for Design

1.





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2.

ON TOP OF MAZANITA HALL 1966

