

BUILDING DATA

Calif. Polytechnic State University Building 05- Arch & Envir. Design

Original Construction 1974

Construction Type: III-A [(E) Condition per current code]

Primary Structural Frame 1 hour- (E) Conc. Columns and beams comply

Non Combustible Exterior Walls: (E) Concrete Complies, (E) Metal stud and cement board siding complies.

2-HR Exterior Bearing Walls [Per Table 601]: (E) 12" Thk. Concrete Complies

1-HR Interior Bearing Walls [Per Table 601]: No Interior Bearing Walls

Interior Walls and Partitions may be of any material allowed by the Code (Sec. 603.2); Non-Rated (Table 601) (E) Metal Stud Interior Non-Bearing Walls Comply

Floor Construction and secondary members 1 Hr (Table 601)- (E) Conc. Slab and beams comply

Roof Construction and secondary members 1 Hr (Table 601)- (E) Conc. Slab and beams comply

Non Bearing Exterior Walls (Table 602)-

>10' < 30' : 1 Hr. reqd. – 12" Thick conc. Walls comply

> 30' : No Requirement.

Openings:

20' to 25' – Allowed 45% of wall area- No openings in walls in this category

25' to 30' – Allowed 70% of wall area- One 3'x 7' door in 34' long wall

> 30' - No Limit – Openings Comply

Occupancy Type: B Occ. (Per CBC Sec. 304.1)

Occupancy Separations: None

Non-Sprinklered

No. of Stories: 4 – OK per Table 503, 5 stories Allowed

(E) Building Height- 56' – OK, 65' allowed.

Actual Building Area-

First Floor: 23,922 sq. ft. (inclgd. Covered exterior area)

Second Floor- 22,935 sq. ft. (inclgd. Covered exterior area)

Third Floor- 14,918 sq. ft. (inclgd. Covered exterior area)

Fourth Floor- 7,336 sq. ft. (inclgd. Covered exterior area)

Total: 69,111 sq. ft.

Proposed New Building Area- 0 sq. ft.

Allowable Area per Floor from Table 503- 28,500 sq. ft.

All floors comply

Total Allowable Area- $A \times 3 = 85,500$ sq. ft.

Total Area complies

DSA Info-

No DSA number.

Fire Sprinkler Info-

No Sprinkler

SFM FILE #- 18-40-03-0001-003