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. (incldg. Covered exterior area)
Second Floor: 22,935 sq. ft. (incldg. Covered exterior area)
Third Floor:  14,918 sq. ft. (incldg. Covered exterior area)
Fourth Floor:  7,336 sq. ft. (incldg. 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- Aa x 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