

BUILDING DATA

Calif. Polytechnic State University Building 047, Faculty Offices North

Original Construction 1980

Occupancy Type: B Occ. with A-3 (less than 10%), non-sprinklered

Construction Type: II-B [(E) Condition per current code]

Primary Structural Frame Non Combustible- Concrete walls, floors, roofs; metal stud at addition in 2007

Roof Framing Non Combustible- Concrete

Non Combustible Exterior Bearing Walls: (E) Concrete Complies

Interior Walls and Partitions, non combustible- metal stud walls comply.

Fire separation distance is greater than 30' at most areas, NO LIMIT on exterior openings per table 705.8

East Wall- 21' to Fisher Science; 45% openings allowed, UP, NS

Wall area- 410 sf per floor; 45% = 184.5 sf allowed. 96 sf of openings- **OK**

West wall- 14' to Building 53A; no openings in wall, concrete wall- **OK**

Occupancy Separations- none

No. of Stories: 3 – OK per Table 503, 3 stories Allowed

(E) Building Height- 30', 55' allowed

Actual Building Area-

First Floor: 8,771 sq. ft.

Second Floor- 18,672 sq. ft.

Third Floor- 14,618 sq. ft.

Total: 43,792 sq. ft.

Allowable area per floor (Table 503)- 23,000 sq.ft.- **OK**

Total allowable area, building (x3, per 506.4.1.2)- 69,000 sq. ft.- **OK**

DSA Info-

No DSA number.

Fire Sprinkler Info-

No Fire Sprinklers.

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