

BUILDING DATA

Calif. Polytechnic State University Building 020A, Forbes Center, EE Faculty.

Original Construction 1990.

Occupancy Type: B Occ., with A-3 Accessory (less than 10%) (Per CBC Sec. 303.5), non-sprinkler

Construction Type: V-B

Any Materials allowed by code –Wood framed structure

Exterior Walls are 1-hour, OK per Table 602

Openings analysis- See Attachment A for distances.

East Wall-

5.5' to assumed PL- ¾ hr rated openings (E)- **OK per Table 716.5**

98 sf of openings, 825 sf of wall area, per floor

Per Table 705.8 25% allowed- **OK**

North Wall-

7' to assumed PL- ¾ hr rated openings (E)- **OK per Table 716.5**

62 sf of openings, 737 sf of wall area, per floor

Per Table 705.8, 25% allowed- **OK**

11' to assumed PL- non-rated openings-

178 sf of openings, 737 sf wall area, per floor

Per Table 705.8, 15% allowed- **Not Compliant w/ current code**

South Wall-

6.5' to assumed PL- ¾ hr rated openings (E)- **OK per Table 716.5**

62 sf of openings, 737 sf of wall area, per floor

Per Table 705.8, 25% allowed- **OK**

11' to assumed PL- non-rated openings-

119 sf of openings, 737 sf wall area, per floor

Per Table 705.8, 15% allowed- **Not Compliant w/ current code**

West Wall-

> 30' No Limit on openings- **OK**

Occupancy Separations: None

No. of Stories: 2 – OK per Table 503, 2 stories Allowed

(E) Building Height- 33' abv. avg. grd. plane, 40' allowed

Actual Building Area-

First Floor - 4,931 sq. ft
Second Floor: 3,687 sq. ft.
Total: 8,618 sq. ft.

Allowable Area

At = 9,000 sq. ft. per Floor (Per Table 503) OK

At Total- 18,000 s.f. per 506.4.1.1

Total (E) Area –8,618 sq. ft. **OK**

DSA Info-

DSA number 73188.

Whole Building.

Fire Sprinkler Info-

No Sprinkler

SFM FILE #- 18-40-03-0001-220

ATTACHMENT A

